

## Line Log

Line Name: DPISF-050-P1061  
Start time: 23/03/2010 07:48:35

Client: **DPI**  
Contract: **Southern Flanks 2D**

Shotpoint	Log Time	Message
1001	23/03/2010 07:48:36	Volume source 1 2360 cu in (ideal volume 2360) 100.0%
	23/03/2010 07:48:36	SOL String pressures 1:2004.0 PSI 2:2009.0 PSI
	23/03/2010 07:48:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
	23/03/2010 07:48:36	First good shot 1001. Line 'DPISF-050-P1061' time 3-23-2010 7:48:35.830225
	23/03/2010 07:48:36	Atmospheric manual - 1000mB
	23/03/2010 07:48:36	SOL Full nominal array enabled, all spare guns disabled.
1002	23/03/2010 07:48:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1003	23/03/2010 07:48:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1004	23/03/2010 07:48:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1005	23/03/2010 07:49:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1006	23/03/2010 07:49:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1007	23/03/2010 07:49:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1008	23/03/2010 07:49:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1009	23/03/2010 07:49:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1010	23/03/2010 07:49:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1011	23/03/2010 07:49:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1012	23/03/2010 07:49:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1013	23/03/2010 07:49:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1014	23/03/2010 07:50:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1015	23/03/2010 07:50:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1016	23/03/2010 07:50:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1017	23/03/2010 07:50:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1018	23/03/2010 07:50:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1019	23/03/2010 07:50:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1020	23/03/2010 07:50:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1021	23/03/2010 07:50:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1022	23/03/2010 07:50:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1023	23/03/2010 07:51:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1024	23/03/2010 07:51:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1025	23/03/2010 07:51:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1026	23/03/2010 07:51:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1027	23/03/2010 07:51:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1028	23/03/2010 07:51:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1029	23/03/2010 07:51:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1030	23/03/2010 07:51:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1031	23/03/2010 07:51:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1032	23/03/2010 07:52:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1033	23/03/2010 07:52:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1034	23/03/2010 07:52:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1035	23/03/2010 07:52:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1036	23/03/2010 07:52:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1037	23/03/2010 07:52:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1038	23/03/2010 07:52:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1039	23/03/2010 07:52:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1040	23/03/2010 07:52:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1041	23/03/2010 07:53:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1042	23/03/2010 07:53:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1043	23/03/2010 07:53:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1044	23/03/2010 07:53:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1045	23/03/2010 07:53:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1046	23/03/2010 07:53:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1047	23/03/2010 07:53:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1048	23/03/2010 07:53:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1049	23/03/2010 07:53:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1050	23/03/2010 07:54:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1051	23/03/2010 07:54:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1052	23/03/2010 07:54:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1053	23/03/2010 07:54:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1054	23/03/2010 07:54:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1055	23/03/2010 07:54:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1056	23/03/2010 07:54:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1057	23/03/2010 07:54:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1058	23/03/2010 07:54:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1059	23/03/2010 07:55:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1060	23/03/2010 07:55:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1061	23/03/2010 07:55:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1062	23/03/2010 07:55:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1063	23/03/2010 07:55:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1064	23/03/2010 07:55:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1065	23/03/2010 07:55:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1066	23/03/2010 07:55:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1067	23/03/2010 07:55:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1068	23/03/2010 07:55:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1069	23/03/2010 07:56:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1070	23/03/2010 07:56:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1071	23/03/2010 07:56:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1072	23/03/2010 07:56:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1073	23/03/2010 07:56:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1074	23/03/2010 07:56:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1075	23/03/2010 07:56:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1076	23/03/2010 07:56:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1077	23/03/2010 07:56:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.5A
1078	23/03/2010 07:57:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1079	23/03/2010 07:57:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1080	23/03/2010 07:57:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1081	23/03/2010 07:57:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1082	23/03/2010 07:57:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1083	23/03/2010 07:57:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1084	23/03/2010 07:57:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1085	23/03/2010 07:57:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1086	23/03/2010 07:57:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1087	23/03/2010 07:58:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1088	23/03/2010 07:58:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1089	23/03/2010 07:58:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1090	23/03/2010 07:58:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1091	23/03/2010 07:58:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1092	23/03/2010 07:58:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1093	23/03/2010 07:58:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1094	23/03/2010 07:58:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1095	23/03/2010 07:58:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1096	23/03/2010 07:59:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1097	23/03/2010 07:59:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1098	23/03/2010 07:59:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1099	23/03/2010 07:59:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1100	23/03/2010 07:59:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1101	23/03/2010 07:59:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1102	23/03/2010 07:59:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1103	23/03/2010 07:59:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1104	23/03/2010 07:59:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1105	23/03/2010 08:00:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1106	23/03/2010 08:00:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1107	23/03/2010 08:00:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1108	23/03/2010 08:00:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1109	23/03/2010 08:00:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1110	23/03/2010 08:00:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1111	23/03/2010 08:00:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1112	23/03/2010 08:00:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1113	23/03/2010 08:00:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1114	23/03/2010 08:01:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
1115	23/03/2010 08:01:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1116	23/03/2010 08:01:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1117	23/03/2010 08:01:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1118	23/03/2010 08:01:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1119	23/03/2010 08:01:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1120	23/03/2010 08:01:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1121	23/03/2010 08:01:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1122	23/03/2010 08:01:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1123	23/03/2010 08:01:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1124	23/03/2010 08:02:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1125	23/03/2010 08:02:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1126	23/03/2010 08:02:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1127	23/03/2010 08:02:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1128	23/03/2010 08:02:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1129	23/03/2010 08:02:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1130	23/03/2010 08:02:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1131	23/03/2010 08:02:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1132	23/03/2010 08:02:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
1133	23/03/2010 08:03:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1134	23/03/2010 08:03:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1135	23/03/2010 08:03:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1136	23/03/2010 08:03:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1137	23/03/2010 08:03:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1138	23/03/2010 08:03:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1139	23/03/2010 08:03:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1140	23/03/2010 08:03:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1141	23/03/2010 08:03:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1142	23/03/2010 08:04:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1143	23/03/2010 08:04:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1144	23/03/2010 08:04:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1145	23/03/2010 08:04:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1146	23/03/2010 08:04:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1147	23/03/2010 08:04:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1148	23/03/2010 08:04:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1149	23/03/2010 08:04:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1150	23/03/2010 08:04:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1151	23/03/2010 08:05:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1152	23/03/2010 08:05:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1153	23/03/2010 08:05:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1154	23/03/2010 08:05:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1155	23/03/2010 08:05:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1156	23/03/2010 08:05:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1157	23/03/2010 08:05:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1158	23/03/2010 08:05:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1159	23/03/2010 08:05:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1160	23/03/2010 08:06:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1161	23/03/2010 08:06:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1162	23/03/2010 08:06:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1163	23/03/2010 08:06:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1164	23/03/2010 08:06:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1165	23/03/2010 08:06:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1166	23/03/2010 08:06:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1167	23/03/2010 08:06:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1168	23/03/2010 08:06:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1169	23/03/2010 08:07:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1170	23/03/2010 08:07:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1171	23/03/2010 08:07:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1172	23/03/2010 08:07:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1173	23/03/2010 08:07:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1174	23/03/2010 08:07:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1175	23/03/2010 08:07:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1176	23/03/2010 08:07:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1177	23/03/2010 08:07:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1178	23/03/2010 08:08:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1179	23/03/2010 08:08:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1180	23/03/2010 08:08:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1181	23/03/2010 08:08:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1182	23/03/2010 08:08:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1183	23/03/2010 08:08:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1184	23/03/2010 08:08:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1185	23/03/2010 08:08:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1186	23/03/2010 08:08:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1187	23/03/2010 08:09:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1188	23/03/2010 08:09:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1189	23/03/2010 08:09:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1190	23/03/2010 08:09:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1191	23/03/2010 08:09:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1192	23/03/2010 08:09:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1193	23/03/2010 08:09:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1194	23/03/2010 08:09:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1195	23/03/2010 08:09:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1196	23/03/2010 08:10:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1197	23/03/2010 08:10:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1198	23/03/2010 08:10:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1199	23/03/2010 08:10:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1200	23/03/2010 08:10:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.5A
1201	23/03/2010 08:10:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1202	23/03/2010 08:10:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1203	23/03/2010 08:10:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1204	23/03/2010 08:10:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1205	23/03/2010 08:11:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1206	23/03/2010 08:11:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1207	23/03/2010 08:11:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1208	23/03/2010 08:11:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1209	23/03/2010 08:11:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1210	23/03/2010 08:11:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1211	23/03/2010 08:11:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1212	23/03/2010 08:11:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1213	23/03/2010 08:11:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1214	23/03/2010 08:11:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1215	23/03/2010 08:12:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1216	23/03/2010 08:12:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1217	23/03/2010 08:12:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1218	23/03/2010 08:12:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1219	23/03/2010 08:12:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1220	23/03/2010 08:12:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1221	23/03/2010 08:12:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1222	23/03/2010 08:12:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1223	23/03/2010 08:12:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1224	23/03/2010 08:13:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1225	23/03/2010 08:13:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1226	23/03/2010 08:13:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1227	23/03/2010 08:13:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1228	23/03/2010 08:13:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1229	23/03/2010 08:13:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1230	23/03/2010 08:13:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1231	23/03/2010 08:13:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1232	23/03/2010 08:13:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1233	23/03/2010 08:14:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1234	23/03/2010 08:14:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1235	23/03/2010 08:14:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1236	23/03/2010 08:14:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1237	23/03/2010 08:14:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1238	23/03/2010 08:14:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1239	23/03/2010 08:14:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1240	23/03/2010 08:14:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1241	23/03/2010 08:14:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1242	23/03/2010 08:15:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1243	23/03/2010 08:15:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1244	23/03/2010 08:15:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1245	23/03/2010 08:15:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1246	23/03/2010 08:15:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1247	23/03/2010 08:15:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1248	23/03/2010 08:15:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1249	23/03/2010 08:15:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1250	23/03/2010 08:15:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1251	23/03/2010 08:16:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1252	23/03/2010 08:16:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1253	23/03/2010 08:16:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1254	23/03/2010 08:16:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1255	23/03/2010 08:16:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1256	23/03/2010 08:16:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1257	23/03/2010 08:16:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1258	23/03/2010 08:16:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1259	23/03/2010 08:16:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1260	23/03/2010 08:17:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1261	23/03/2010 08:17:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1262	23/03/2010 08:17:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1263	23/03/2010 08:17:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1264	23/03/2010 08:17:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1265	23/03/2010 08:17:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1266	23/03/2010 08:17:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1267	23/03/2010 08:17:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1268	23/03/2010 08:17:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1269	23/03/2010 08:18:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1270	23/03/2010 08:18:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1271	23/03/2010 08:18:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1272	23/03/2010 08:18:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1273	23/03/2010 08:18:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1274	23/03/2010 08:18:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1275	23/03/2010 08:18:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1276	23/03/2010 08:18:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1277	23/03/2010 08:18:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1278	23/03/2010 08:19:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1279	23/03/2010 08:19:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1280	23/03/2010 08:19:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
1281	23/03/2010 08:19:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1282	23/03/2010 08:19:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1283	23/03/2010 08:19:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1284	23/03/2010 08:19:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1285	23/03/2010 08:19:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1286	23/03/2010 08:19:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1287	23/03/2010 08:20:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1288	23/03/2010 08:20:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1289	23/03/2010 08:20:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1290	23/03/2010 08:20:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1291	23/03/2010 08:20:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1292	23/03/2010 08:20:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1293	23/03/2010 08:20:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1294	23/03/2010 08:20:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1295	23/03/2010 08:20:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1296	23/03/2010 08:21:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1297	23/03/2010 08:21:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1298	23/03/2010 08:21:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1299	23/03/2010 08:21:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1300	23/03/2010 08:21:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1301	23/03/2010 08:21:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1302	23/03/2010 08:21:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1303	23/03/2010 08:21:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1304	23/03/2010 08:21:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1305	23/03/2010 08:22:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1306	23/03/2010 08:22:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1307	23/03/2010 08:22:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1308	23/03/2010 08:22:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1309	23/03/2010 08:22:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1310	23/03/2010 08:22:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1311	23/03/2010 08:22:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
1312	23/03/2010 08:22:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1313	23/03/2010 08:22:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1314	23/03/2010 08:22:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1315	23/03/2010 08:23:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1316	23/03/2010 08:23:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1317	23/03/2010 08:23:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1318	23/03/2010 08:23:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1319	23/03/2010 08:23:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1320	23/03/2010 08:23:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1321	23/03/2010 08:23:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1322	23/03/2010 08:23:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1323	23/03/2010 08:23:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1324	23/03/2010 08:24:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1325	23/03/2010 08:24:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1326	23/03/2010 08:24:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1327	23/03/2010 08:24:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1328	23/03/2010 08:24:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1329	23/03/2010 08:24:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1330	23/03/2010 08:24:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1331	23/03/2010 08:24:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1332	23/03/2010 08:24:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1333	23/03/2010 08:25:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1334	23/03/2010 08:25:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1335	23/03/2010 08:25:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1336	23/03/2010 08:25:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1337	23/03/2010 08:25:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1338	23/03/2010 08:25:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1339	23/03/2010 08:25:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1340	23/03/2010 08:25:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1341	23/03/2010 08:25:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1342	23/03/2010 08:26:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1343	23/03/2010 08:26:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1344	23/03/2010 08:26:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1345	23/03/2010 08:26:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1346	23/03/2010 08:26:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1347	23/03/2010 08:26:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1348	23/03/2010 08:26:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1349	23/03/2010 08:26:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1350	23/03/2010 08:26:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1351	23/03/2010 08:27:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1352	23/03/2010 08:27:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1353	23/03/2010 08:27:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1354	23/03/2010 08:27:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1355	23/03/2010 08:27:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1356	23/03/2010 08:27:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1357	23/03/2010 08:27:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1358	23/03/2010 08:27:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1359	23/03/2010 08:27:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1360	23/03/2010 08:28:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1361	23/03/2010 08:28:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1362	23/03/2010 08:28:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1363	23/03/2010 08:28:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1364	23/03/2010 08:28:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1365	23/03/2010 08:28:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1366	23/03/2010 08:28:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1367	23/03/2010 08:28:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1368	23/03/2010 08:28:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1369	23/03/2010 08:29:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1370	23/03/2010 08:29:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1371	23/03/2010 08:29:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1372	23/03/2010 08:29:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1373	23/03/2010 08:29:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1374	23/03/2010 08:29:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1375	23/03/2010 08:29:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1376	23/03/2010 08:29:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1377	23/03/2010 08:29:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1378	23/03/2010 08:29:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1379	23/03/2010 08:30:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1380	23/03/2010 08:30:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1381	23/03/2010 08:30:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1382	23/03/2010 08:30:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1383	23/03/2010 08:30:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1384	23/03/2010 08:30:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1385	23/03/2010 08:30:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1386	23/03/2010 08:30:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1387	23/03/2010 08:30:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1388	23/03/2010 08:31:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1389	23/03/2010 08:31:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1390	23/03/2010 08:31:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1391	23/03/2010 08:31:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1392	23/03/2010 08:31:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1393	23/03/2010 08:31:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1394	23/03/2010 08:31:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1395	23/03/2010 08:31:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1396	23/03/2010 08:31:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1397	23/03/2010 08:32:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1398	23/03/2010 08:32:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1399	23/03/2010 08:32:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1400	23/03/2010 08:32:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1401	23/03/2010 08:32:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1402	23/03/2010 08:32:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1403	23/03/2010 08:32:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1404	23/03/2010 08:32:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1405	23/03/2010 08:32:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1406	23/03/2010 08:33:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1407	23/03/2010 08:33:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1408	23/03/2010 08:33:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1409	23/03/2010 08:33:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1410	23/03/2010 08:33:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1411	23/03/2010 08:33:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1412	23/03/2010 08:33:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1413	23/03/2010 08:33:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1414	23/03/2010 08:33:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1415	23/03/2010 08:34:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1416	23/03/2010 08:34:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1417	23/03/2010 08:34:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1418	23/03/2010 08:34:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1419	23/03/2010 08:34:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1420	23/03/2010 08:34:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1421	23/03/2010 08:34:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1422	23/03/2010 08:34:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1423	23/03/2010 08:34:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1424	23/03/2010 08:34:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1425	23/03/2010 08:35:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1426	23/03/2010 08:35:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1427	23/03/2010 08:35:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1428	23/03/2010 08:35:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1429	23/03/2010 08:35:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1430	23/03/2010 08:35:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1431	23/03/2010 08:35:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1432	23/03/2010 08:35:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1433	23/03/2010 08:36:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1434	23/03/2010 08:36:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1435	23/03/2010 08:36:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1436	23/03/2010 08:36:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1437	23/03/2010 08:36:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1438	23/03/2010 08:36:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1439	23/03/2010 08:36:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1440	23/03/2010 08:36:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1441	23/03/2010 08:36:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1442	23/03/2010 08:37:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1443	23/03/2010 08:37:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1444	23/03/2010 08:37:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1445	23/03/2010 08:37:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1446	23/03/2010 08:37:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1447	23/03/2010 08:37:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1448	23/03/2010 08:37:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1449	23/03/2010 08:37:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1450	23/03/2010 08:37:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1451	23/03/2010 08:38:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1452	23/03/2010 08:38:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1453	23/03/2010 08:38:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1454	23/03/2010 08:38:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1455	23/03/2010 08:38:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1456	23/03/2010 08:38:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1457	23/03/2010 08:38:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1458	23/03/2010 08:38:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1459	23/03/2010 08:38:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1460	23/03/2010 08:39:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1461	23/03/2010 08:39:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1462	23/03/2010 08:39:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1463	23/03/2010 08:39:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1464	23/03/2010 08:39:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1465	23/03/2010 08:39:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1466	23/03/2010 08:39:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1467	23/03/2010 08:39:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1468	23/03/2010 08:39:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1469	23/03/2010 08:39:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1470	23/03/2010 08:40:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1471	23/03/2010 08:40:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1472	23/03/2010 08:40:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1473	23/03/2010 08:40:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1474	23/03/2010 08:40:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1475	23/03/2010 08:40:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1476	23/03/2010 08:40:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1477	23/03/2010 08:40:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1478	23/03/2010 08:40:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1479	23/03/2010 08:41:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1480	23/03/2010 08:41:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1481	23/03/2010 08:41:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1482	23/03/2010 08:41:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1483	23/03/2010 08:41:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1484	23/03/2010 08:41:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1485	23/03/2010 08:41:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1486	23/03/2010 08:41:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1487	23/03/2010 08:41:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1488	23/03/2010 08:42:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1489	23/03/2010 08:42:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1490	23/03/2010 08:42:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
1491	23/03/2010 08:42:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1492	23/03/2010 08:42:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1493	23/03/2010 08:42:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1494	23/03/2010 08:42:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1495	23/03/2010 08:42:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1496	23/03/2010 08:42:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1497	23/03/2010 08:43:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1498	23/03/2010 08:43:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1499	23/03/2010 08:43:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1500	23/03/2010 08:43:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1501	23/03/2010 08:43:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1502	23/03/2010 08:43:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1503	23/03/2010 08:43:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1504	23/03/2010 08:43:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1505	23/03/2010 08:43:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1506	23/03/2010 08:44:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1507	23/03/2010 08:44:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1508	23/03/2010 08:44:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1509	23/03/2010 08:44:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1510	23/03/2010 08:44:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1511	23/03/2010 08:44:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1512	23/03/2010 08:44:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1513	23/03/2010 08:44:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1514	23/03/2010 08:44:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1515	23/03/2010 08:45:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1516	23/03/2010 08:45:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1517	23/03/2010 08:45:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1518	23/03/2010 08:45:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1519	23/03/2010 08:45:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1520	23/03/2010 08:45:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1521	23/03/2010 08:45:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1522	23/03/2010 08:45:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1523	23/03/2010 08:45:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1524	23/03/2010 08:45:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1525	23/03/2010 08:46:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1526	23/03/2010 08:46:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1527	23/03/2010 08:46:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1528	23/03/2010 08:46:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1529	23/03/2010 08:46:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1530	23/03/2010 08:46:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1531	23/03/2010 08:46:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1532	23/03/2010 08:46:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1533	23/03/2010 08:46:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1534	23/03/2010 08:47:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1535	23/03/2010 08:47:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1536	23/03/2010 08:47:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1537	23/03/2010 08:47:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1538	23/03/2010 08:47:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1539	23/03/2010 08:47:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1540	23/03/2010 08:47:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1541	23/03/2010 08:47:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1542	23/03/2010 08:47:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1543	23/03/2010 08:48:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1544	23/03/2010 08:48:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1545	23/03/2010 08:48:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1546	23/03/2010 08:48:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1547	23/03/2010 08:48:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1548	23/03/2010 08:48:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1549	23/03/2010 08:48:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1550	23/03/2010 08:48:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1551	23/03/2010 08:48:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1552	23/03/2010 08:49:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1553	23/03/2010 08:49:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1554	23/03/2010 08:49:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1555	23/03/2010 08:49:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1556	23/03/2010 08:49:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1557	23/03/2010 08:49:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1558	23/03/2010 08:49:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1559	23/03/2010 08:49:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1560	23/03/2010 08:49:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1561	23/03/2010 08:50:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1562	23/03/2010 08:50:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1563	23/03/2010 08:50:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1564	23/03/2010 08:50:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1565	23/03/2010 08:50:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1566	23/03/2010 08:50:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1567	23/03/2010 08:50:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1568	23/03/2010 08:50:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1569	23/03/2010 08:50:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1570	23/03/2010 08:51:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1571	23/03/2010 08:51:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1572	23/03/2010 08:51:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1573	23/03/2010 08:51:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1574	23/03/2010 08:51:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1575	23/03/2010 08:51:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1576	23/03/2010 08:51:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1577	23/03/2010 08:51:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1578	23/03/2010 08:51:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1579	23/03/2010 08:52:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1580	23/03/2010 08:52:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1581	23/03/2010 08:52:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1582	23/03/2010 08:52:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1583	23/03/2010 08:52:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1584	23/03/2010 08:52:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1585	23/03/2010 08:52:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1586	23/03/2010 08:52:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1587	23/03/2010 08:52:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1588	23/03/2010 08:52:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1589	23/03/2010 08:53:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1590	23/03/2010 08:53:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1591	23/03/2010 08:53:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1592	23/03/2010 08:53:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1593	23/03/2010 08:53:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1594	23/03/2010 08:53:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1595	23/03/2010 08:53:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 95V) Current error (under current) expected 8.6A achieved peak 6.4A
1596	23/03/2010 08:53:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1597	23/03/2010 08:54:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1598	23/03/2010 08:54:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1599	23/03/2010 08:54:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1600	23/03/2010 08:54:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1601	23/03/2010 08:54:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1602	23/03/2010 08:54:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1603	23/03/2010 08:54:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1604	23/03/2010 08:54:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1605	23/03/2010 08:54:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1606	23/03/2010 08:54:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1607	23/03/2010 08:55:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1608	23/03/2010 08:55:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1609	23/03/2010 08:55:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1610	23/03/2010 08:55:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1611	23/03/2010 08:55:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1612	23/03/2010 08:55:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1613	23/03/2010 08:55:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1614	23/03/2010 08:55:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1615	23/03/2010 08:55:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1616	23/03/2010 08:56:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1617	23/03/2010 08:56:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1618	23/03/2010 08:56:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1619	23/03/2010 08:56:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1620	23/03/2010 08:56:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1621	23/03/2010 08:56:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1622	23/03/2010 08:56:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1623	23/03/2010 08:56:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1624	23/03/2010 08:56:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1625	23/03/2010 08:57:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1626	23/03/2010 08:57:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1627	23/03/2010 08:57:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1628	23/03/2010 08:57:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1629	23/03/2010 08:57:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1630	23/03/2010 08:57:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1631	23/03/2010 08:57:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1632	23/03/2010 08:57:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1633	23/03/2010 08:57:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1634	23/03/2010 08:58:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1635	23/03/2010 08:58:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1636	23/03/2010 08:58:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1637	23/03/2010 08:58:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1638	23/03/2010 08:58:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1639	23/03/2010 08:58:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1640	23/03/2010 08:58:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1641	23/03/2010 08:58:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1642	23/03/2010 08:58:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1643	23/03/2010 08:59:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1644	23/03/2010 08:59:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1645	23/03/2010 08:59:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1646	23/03/2010 08:59:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1647	23/03/2010 08:59:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1648	23/03/2010 08:59:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1649	23/03/2010 08:59:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1650	23/03/2010 08:59:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1651	23/03/2010 08:59:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1652	23/03/2010 09:00:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1653	23/03/2010 09:00:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1654	23/03/2010 09:00:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1655	23/03/2010 09:00:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1656	23/03/2010 09:00:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1657	23/03/2010 09:00:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1658	23/03/2010 09:00:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1659	23/03/2010 09:00:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1660	23/03/2010 09:00:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1661	23/03/2010 09:01:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1662	23/03/2010 09:01:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1663	23/03/2010 09:01:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1664	23/03/2010 09:01:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1665	23/03/2010 09:01:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1666	23/03/2010 09:01:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1667	23/03/2010 09:01:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1668	23/03/2010 09:01:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1669	23/03/2010 09:01:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1670	23/03/2010 09:02:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1671	23/03/2010 09:02:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1672	23/03/2010 09:02:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1673	23/03/2010 09:02:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1674	23/03/2010 09:02:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1675	23/03/2010 09:02:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1676	23/03/2010 09:02:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1677	23/03/2010 09:02:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1678	23/03/2010 09:02:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1679	23/03/2010 09:02:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1680	23/03/2010 09:03:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1681	23/03/2010 09:03:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1682	23/03/2010 09:03:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1683	23/03/2010 09:03:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1684	23/03/2010 09:03:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1685	23/03/2010 09:03:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1686	23/03/2010 09:03:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1687	23/03/2010 09:03:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1688	23/03/2010 09:04:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1689	23/03/2010 09:04:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1690	23/03/2010 09:04:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1691	23/03/2010 09:04:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1692	23/03/2010 09:04:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1693	23/03/2010 09:04:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1694	23/03/2010 09:04:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1695	23/03/2010 09:04:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1696	23/03/2010 09:04:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1697	23/03/2010 09:04:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1698	23/03/2010 09:05:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1699	23/03/2010 09:05:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1700	23/03/2010 09:05:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1701	23/03/2010 09:05:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1702	23/03/2010 09:05:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1703	23/03/2010 09:05:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1704	23/03/2010 09:05:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1705	23/03/2010 09:05:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1706	23/03/2010 09:05:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1707	23/03/2010 09:06:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1708	23/03/2010 09:06:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1709	23/03/2010 09:06:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1710	23/03/2010 09:06:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1711	23/03/2010 09:06:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1712	23/03/2010 09:06:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1713	23/03/2010 09:06:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1714	23/03/2010 09:06:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1715	23/03/2010 09:06:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1716	23/03/2010 09:06:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1717	23/03/2010 09:07:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1718	23/03/2010 09:07:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1719	23/03/2010 09:07:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1720	23/03/2010 09:07:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1721	23/03/2010 09:07:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1722	23/03/2010 09:07:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1723	23/03/2010 09:07:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1724	23/03/2010 09:07:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1725	23/03/2010 09:08:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1726	23/03/2010 09:08:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1727	23/03/2010 09:08:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1728	23/03/2010 09:08:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1729	23/03/2010 09:08:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1730	23/03/2010 09:08:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1731	23/03/2010 09:08:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1732	23/03/2010 09:08:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1733	23/03/2010 09:08:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1734	23/03/2010 09:08:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1735	23/03/2010 09:09:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1736	23/03/2010 09:09:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1737	23/03/2010 09:09:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1738	23/03/2010 09:09:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1739	23/03/2010 09:09:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1740	23/03/2010 09:09:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1741	23/03/2010 09:09:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1742	23/03/2010 09:09:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1743	23/03/2010 09:09:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1744	23/03/2010 09:10:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1745	23/03/2010 09:10:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1746	23/03/2010 09:10:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1747	23/03/2010 09:10:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1748	23/03/2010 09:10:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1749	23/03/2010 09:10:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1750	23/03/2010 09:10:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1751	23/03/2010 09:10:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1752	23/03/2010 09:10:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1753	23/03/2010 09:11:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1754	23/03/2010 09:11:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1755	23/03/2010 09:11:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1756	23/03/2010 09:11:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1757	23/03/2010 09:11:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1758	23/03/2010 09:11:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1759	23/03/2010 09:11:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1760	23/03/2010 09:11:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1761	23/03/2010 09:11:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1762	23/03/2010 09:12:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1763	23/03/2010 09:12:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1764	23/03/2010 09:12:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1765	23/03/2010 09:12:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1766	23/03/2010 09:12:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1767	23/03/2010 09:12:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1768	23/03/2010 09:12:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1769	23/03/2010 09:12:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1770	23/03/2010 09:12:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1771	23/03/2010 09:13:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
1772	23/03/2010 09:13:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1773	23/03/2010 09:13:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1774	23/03/2010 09:13:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1775	23/03/2010 09:13:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1776	23/03/2010 09:13:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1777	23/03/2010 09:13:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1778	23/03/2010 09:13:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1779	23/03/2010 09:13:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1780	23/03/2010 09:14:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1781	23/03/2010 09:14:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1782	23/03/2010 09:14:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1783	23/03/2010 09:14:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1784	23/03/2010 09:14:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1785	23/03/2010 09:14:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1786	23/03/2010 09:14:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1787	23/03/2010 09:14:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1788	23/03/2010 09:14:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1789	23/03/2010 09:15:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1790	23/03/2010 09:15:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1791	23/03/2010 09:15:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1792	23/03/2010 09:15:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1793	23/03/2010 09:15:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1794	23/03/2010 09:15:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1795	23/03/2010 09:15:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1796	23/03/2010 09:15:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1797	23/03/2010 09:15:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1798	23/03/2010 09:16:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1799	23/03/2010 09:16:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1800	23/03/2010 09:16:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1801	23/03/2010 09:16:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1802	23/03/2010 09:16:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1803	23/03/2010 09:16:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1804	23/03/2010 09:16:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1805	23/03/2010 09:16:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1806	23/03/2010 09:16:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1807	23/03/2010 09:17:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1808	23/03/2010 09:17:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1809	23/03/2010 09:17:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1810	23/03/2010 09:17:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1811	23/03/2010 09:17:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1812	23/03/2010 09:17:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1813	23/03/2010 09:17:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1814	23/03/2010 09:17:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1815	23/03/2010 09:17:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1816	23/03/2010 09:17:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1817	23/03/2010 09:18:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1818	23/03/2010 09:18:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1819	23/03/2010 09:18:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1820	23/03/2010 09:18:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1821	23/03/2010 09:18:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1822	23/03/2010 09:18:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1823	23/03/2010 09:18:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1824	23/03/2010 09:18:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1825	23/03/2010 09:18:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1826	23/03/2010 09:19:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1827	23/03/2010 09:19:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1828	23/03/2010 09:19:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1829	23/03/2010 09:19:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1830	23/03/2010 09:19:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1831	23/03/2010 09:19:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1832	23/03/2010 09:19:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1833	23/03/2010 09:19:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1834	23/03/2010 09:19:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
1835	23/03/2010 09:20:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1836	23/03/2010 09:20:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1837	23/03/2010 09:20:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1838	23/03/2010 09:20:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1839	23/03/2010 09:20:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1840	23/03/2010 09:20:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1841	23/03/2010 09:20:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1842	23/03/2010 09:20:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1843	23/03/2010 09:20:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1844	23/03/2010 09:21:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1845	23/03/2010 09:21:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1846	23/03/2010 09:21:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1847	23/03/2010 09:21:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1848	23/03/2010 09:21:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1849	23/03/2010 09:21:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1850	23/03/2010 09:21:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1851	23/03/2010 09:21:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1852	23/03/2010 09:21:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1853	23/03/2010 09:22:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1854	23/03/2010 09:22:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1855	23/03/2010 09:22:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1856	23/03/2010 09:22:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1857	23/03/2010 09:22:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1858	23/03/2010 09:22:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1859	23/03/2010 09:22:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1860	23/03/2010 09:22:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1861	23/03/2010 09:22:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1862	23/03/2010 09:23:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1863	23/03/2010 09:23:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1864	23/03/2010 09:23:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1865	23/03/2010 09:23:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1866	23/03/2010 09:23:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1867	23/03/2010 09:23:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1868	23/03/2010 09:23:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1869	23/03/2010 09:23:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1870	23/03/2010 09:23:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1871	23/03/2010 09:24:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1872	23/03/2010 09:24:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1873	23/03/2010 09:24:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1874	23/03/2010 09:24:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1875	23/03/2010 09:24:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1876	23/03/2010 09:24:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1877	23/03/2010 09:24:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1878	23/03/2010 09:24:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1879	23/03/2010 09:24:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1880	23/03/2010 09:25:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1881	23/03/2010 09:25:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1882	23/03/2010 09:25:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1883	23/03/2010 09:25:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1884	23/03/2010 09:25:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1885	23/03/2010 09:25:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1886	23/03/2010 09:25:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1887	23/03/2010 09:25:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1888	23/03/2010 09:25:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1889	23/03/2010 09:25:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
1890	23/03/2010 09:26:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1891	23/03/2010 09:26:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1892	23/03/2010 09:26:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1893	23/03/2010 09:26:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1894	23/03/2010 09:26:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1895	23/03/2010 09:26:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1896	23/03/2010 09:26:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1897	23/03/2010 09:26:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1898	23/03/2010 09:26:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1899	23/03/2010 09:26:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1900	23/03/2010 09:27:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1901	23/03/2010 09:27:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1902	23/03/2010 09:27:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1903	23/03/2010 09:27:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1904	23/03/2010 09:27:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1905	23/03/2010 09:27:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1906	23/03/2010 09:27:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1907	23/03/2010 09:27:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1908	23/03/2010 09:27:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1909	23/03/2010 09:28:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1910	23/03/2010 09:28:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1911	23/03/2010 09:28:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1912	23/03/2010 09:28:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1913	23/03/2010 09:28:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1914	23/03/2010 09:28:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1915	23/03/2010 09:28:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1916	23/03/2010 09:28:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1917	23/03/2010 09:28:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1918	23/03/2010 09:28:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1919	23/03/2010 09:29:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1920	23/03/2010 09:29:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1921	23/03/2010 09:29:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1922	23/03/2010 09:29:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1923	23/03/2010 09:29:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1924	23/03/2010 09:29:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1925	23/03/2010 09:29:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1926	23/03/2010 09:29:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1927	23/03/2010 09:29:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1928	23/03/2010 09:29:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1929	23/03/2010 09:30:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1930	23/03/2010 09:30:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1931	23/03/2010 09:30:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1932	23/03/2010 09:30:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1933	23/03/2010 09:30:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1934	23/03/2010 09:30:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1935	23/03/2010 09:30:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1936	23/03/2010 09:30:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1937	23/03/2010 09:30:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1938	23/03/2010 09:31:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1939	23/03/2010 09:31:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1940	23/03/2010 09:31:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1941	23/03/2010 09:31:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1942	23/03/2010 09:31:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1943	23/03/2010 09:31:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1944	23/03/2010 09:31:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1945	23/03/2010 09:31:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1946	23/03/2010 09:31:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1947	23/03/2010 09:31:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1948	23/03/2010 09:32:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1949	23/03/2010 09:32:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1950	23/03/2010 09:32:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1951	23/03/2010 09:32:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1952	23/03/2010 09:32:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1953	23/03/2010 09:32:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1954	23/03/2010 09:32:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1955	23/03/2010 09:32:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1956	23/03/2010 09:32:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1957	23/03/2010 09:32:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1958	23/03/2010 09:33:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1959	23/03/2010 09:33:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1960	23/03/2010 09:33:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1961	23/03/2010 09:33:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1962	23/03/2010 09:33:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1963	23/03/2010 09:33:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1964	23/03/2010 09:33:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1965	23/03/2010 09:33:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1966	23/03/2010 09:33:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1967	23/03/2010 09:33:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1968	23/03/2010 09:34:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1969	23/03/2010 09:34:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1970	23/03/2010 09:34:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1971	23/03/2010 09:34:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1972	23/03/2010 09:34:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
1973	23/03/2010 09:34:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1974	23/03/2010 09:34:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1975	23/03/2010 09:34:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1976	23/03/2010 09:34:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1977	23/03/2010 09:34:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1978	23/03/2010 09:35:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1979	23/03/2010 09:35:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1980	23/03/2010 09:35:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
1981	23/03/2010 09:35:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1982	23/03/2010 09:35:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1983	23/03/2010 09:35:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1984	23/03/2010 09:35:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
1985	23/03/2010 09:35:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1986	23/03/2010 09:35:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
1987	23/03/2010 09:35:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
1988	23/03/2010 09:36:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1989	23/03/2010 09:36:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1990	23/03/2010 09:36:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1991	23/03/2010 09:36:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1992	23/03/2010 09:36:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
1993	23/03/2010 09:36:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1994	23/03/2010 09:36:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1995	23/03/2010 09:36:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
1996	23/03/2010 09:36:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
1997	23/03/2010 09:36:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1998	23/03/2010 09:37:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
1999	23/03/2010 09:37:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2000	23/03/2010 09:37:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2001	23/03/2010 09:37:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2002	23/03/2010 09:37:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2003	23/03/2010 09:37:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2004	23/03/2010 09:37:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2005	23/03/2010 09:37:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2006	23/03/2010 09:37:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2007	23/03/2010 09:37:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2008	23/03/2010 09:38:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2009	23/03/2010 09:38:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2010	23/03/2010 09:38:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2011	23/03/2010 09:38:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2012	23/03/2010 09:38:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2013	23/03/2010 09:38:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2014	23/03/2010 09:38:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2015	23/03/2010 09:38:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2016	23/03/2010 09:38:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2017	23/03/2010 09:38:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2018	23/03/2010 09:39:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2019	23/03/2010 09:39:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2020	23/03/2010 09:39:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2021	23/03/2010 09:39:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2022	23/03/2010 09:39:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2023	23/03/2010 09:39:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2024	23/03/2010 09:39:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2025	23/03/2010 09:39:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2026	23/03/2010 09:39:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2027	23/03/2010 09:39:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2028	23/03/2010 09:40:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2029	23/03/2010 09:40:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2030	23/03/2010 09:40:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2031	23/03/2010 09:40:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2032	23/03/2010 09:40:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2033	23/03/2010 09:40:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2034	23/03/2010 09:40:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2035	23/03/2010 09:40:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2036	23/03/2010 09:40:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2037	23/03/2010 09:40:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2038	23/03/2010 09:41:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2039	23/03/2010 09:41:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2040	23/03/2010 09:41:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2041	23/03/2010 09:41:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2042	23/03/2010 09:41:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2043	23/03/2010 09:41:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2044	23/03/2010 09:41:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2045	23/03/2010 09:41:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2046	23/03/2010 09:41:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2047	23/03/2010 09:41:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2048	23/03/2010 09:42:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2049	23/03/2010 09:42:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2050	23/03/2010 09:42:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2051	23/03/2010 09:42:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2052	23/03/2010 09:42:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2053	23/03/2010 09:42:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2054	23/03/2010 09:42:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2055	23/03/2010 09:42:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2056	23/03/2010 09:42:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2057	23/03/2010 09:42:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2058	23/03/2010 09:43:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2059	23/03/2010 09:43:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2060	23/03/2010 09:43:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2061	23/03/2010 09:43:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2062	23/03/2010 09:43:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2063	23/03/2010 09:43:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2064	23/03/2010 09:43:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2065	23/03/2010 09:43:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2066	23/03/2010 09:43:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2067	23/03/2010 09:43:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2068	23/03/2010 09:44:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2069	23/03/2010 09:44:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2070	23/03/2010 09:44:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2071	23/03/2010 09:44:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2072	23/03/2010 09:44:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2073	23/03/2010 09:44:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2074	23/03/2010 09:44:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2075	23/03/2010 09:44:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2076	23/03/2010 09:44:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2077	23/03/2010 09:44:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2078	23/03/2010 09:45:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2079	23/03/2010 09:45:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2080	23/03/2010 09:45:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2081	23/03/2010 09:45:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 155V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2082	23/03/2010 09:45:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2083	23/03/2010 09:45:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2084	23/03/2010 09:45:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2085	23/03/2010 09:45:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2086	23/03/2010 09:45:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2087	23/03/2010 09:46:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2088	23/03/2010 09:46:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2089	23/03/2010 09:46:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2090	23/03/2010 09:46:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2091	23/03/2010 09:46:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2092	23/03/2010 09:46:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2093	23/03/2010 09:46:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2094	23/03/2010 09:46:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2095	23/03/2010 09:46:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2096	23/03/2010 09:46:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2097	23/03/2010 09:47:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2098	23/03/2010 09:47:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2099	23/03/2010 09:47:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2100	23/03/2010 09:47:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2101	23/03/2010 09:47:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2102	23/03/2010 09:47:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2103	23/03/2010 09:47:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2104	23/03/2010 09:47:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2105	23/03/2010 09:47:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2106	23/03/2010 09:47:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2107	23/03/2010 09:48:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2108	23/03/2010 09:48:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2109	23/03/2010 09:48:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2110	23/03/2010 09:48:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2111	23/03/2010 09:48:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2112	23/03/2010 09:48:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2113	23/03/2010 09:48:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2114	23/03/2010 09:48:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2115	23/03/2010 09:48:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2116	23/03/2010 09:48:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2117	23/03/2010 09:49:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2118	23/03/2010 09:49:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2119	23/03/2010 09:49:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2120	23/03/2010 09:49:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2121	23/03/2010 09:49:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2122	23/03/2010 09:49:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2123	23/03/2010 09:49:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2124	23/03/2010 09:49:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2125	23/03/2010 09:49:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2126	23/03/2010 09:49:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2127	23/03/2010 09:50:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2128	23/03/2010 09:50:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.5A
2129	23/03/2010 09:50:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2130	23/03/2010 09:50:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2131	23/03/2010 09:50:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2132	23/03/2010 09:50:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2133	23/03/2010 09:50:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2134	23/03/2010 09:50:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
2135	23/03/2010 09:50:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2136	23/03/2010 09:50:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2137	23/03/2010 09:51:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2138	23/03/2010 09:51:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2139	23/03/2010 09:51:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2140	23/03/2010 09:51:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2141	23/03/2010 09:51:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2142	23/03/2010 09:51:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2143	23/03/2010 09:51:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2144	23/03/2010 09:51:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2145	23/03/2010 09:51:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2146	23/03/2010 09:51:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2147	23/03/2010 09:52:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2148	23/03/2010 09:52:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2149	23/03/2010 09:52:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2150	23/03/2010 09:52:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2151	23/03/2010 09:52:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2152	23/03/2010 09:52:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2153	23/03/2010 09:52:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2154	23/03/2010 09:52:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2155	23/03/2010 09:52:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2156	23/03/2010 09:52:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2157	23/03/2010 09:53:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
2158	23/03/2010 09:53:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2159	23/03/2010 09:53:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2160	23/03/2010 09:53:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2161	23/03/2010 09:53:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2162	23/03/2010 09:53:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2163	23/03/2010 09:53:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2164	23/03/2010 09:53:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2165	23/03/2010 09:53:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2166	23/03/2010 09:53:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2167	23/03/2010 09:54:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2168	23/03/2010 09:54:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2169	23/03/2010 09:54:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2170	23/03/2010 09:54:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2171	23/03/2010 09:54:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2172	23/03/2010 09:54:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2173	23/03/2010 09:54:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2174	23/03/2010 09:54:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2175	23/03/2010 09:54:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2176	23/03/2010 09:54:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2177	23/03/2010 09:55:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
2178	23/03/2010 09:55:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2179	23/03/2010 09:55:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2180	23/03/2010 09:55:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2181	23/03/2010 09:55:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2182	23/03/2010 09:55:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2183	23/03/2010 09:55:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2184	23/03/2010 09:55:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2185	23/03/2010 09:55:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2186	23/03/2010 09:55:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2187	23/03/2010 09:56:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2188	23/03/2010 09:56:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2189	23/03/2010 09:56:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2190	23/03/2010 09:56:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2191	23/03/2010 09:56:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2192	23/03/2010 09:56:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2193	23/03/2010 09:56:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2194	23/03/2010 09:56:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2195	23/03/2010 09:56:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2196	23/03/2010 09:56:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2197	23/03/2010 09:57:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2198	23/03/2010 09:57:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2199	23/03/2010 09:57:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2200	23/03/2010 09:57:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2201	23/03/2010 09:57:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2202	23/03/2010 09:57:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2203	23/03/2010 09:57:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2204	23/03/2010 09:57:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2205	23/03/2010 09:57:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2206	23/03/2010 09:58:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2207	23/03/2010 09:58:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2208	23/03/2010 09:58:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2209	23/03/2010 09:58:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2210	23/03/2010 09:58:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2211	23/03/2010 09:58:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2212	23/03/2010 09:58:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2213	23/03/2010 09:58:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2214	23/03/2010 09:58:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2215	23/03/2010 09:58:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2216	23/03/2010 09:59:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2217	23/03/2010 09:59:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2218	23/03/2010 09:59:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2219	23/03/2010 09:59:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2220	23/03/2010 09:59:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2221	23/03/2010 09:59:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2222	23/03/2010 09:59:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2223	23/03/2010 09:59:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2224	23/03/2010 09:59:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2225	23/03/2010 09:59:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2226	23/03/2010 09:59:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2227	23/03/2010 10:00:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2228	23/03/2010 10:00:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2229	23/03/2010 10:00:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2230	23/03/2010 10:00:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2231	23/03/2010 10:00:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2232	23/03/2010 10:00:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2233	23/03/2010 10:00:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2234	23/03/2010 10:00:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2235	23/03/2010 10:00:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2236	23/03/2010 10:01:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2237	23/03/2010 10:01:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2238	23/03/2010 10:01:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2239	23/03/2010 10:01:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2240	23/03/2010 10:01:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2241	23/03/2010 10:01:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2242	23/03/2010 10:01:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2243	23/03/2010 10:01:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2244	23/03/2010 10:01:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2245	23/03/2010 10:01:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2246	23/03/2010 10:02:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2247	23/03/2010 10:02:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2248	23/03/2010 10:02:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2249	23/03/2010 10:02:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2250	23/03/2010 10:02:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2251	23/03/2010 10:02:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2252	23/03/2010 10:02:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2253	23/03/2010 10:02:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2254	23/03/2010 10:02:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2255	23/03/2010 10:02:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2256	23/03/2010 10:03:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2257	23/03/2010 10:03:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2258	23/03/2010 10:03:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2259	23/03/2010 10:03:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2260	23/03/2010 10:03:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2261	23/03/2010 10:03:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2262	23/03/2010 10:03:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2263	23/03/2010 10:03:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2264	23/03/2010 10:03:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2265	23/03/2010 10:03:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2266	23/03/2010 10:04:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2267	23/03/2010 10:04:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2268	23/03/2010 10:04:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2269	23/03/2010 10:04:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2270	23/03/2010 10:04:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2271	23/03/2010 10:04:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2272	23/03/2010 10:04:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2273	23/03/2010 10:04:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2274	23/03/2010 10:04:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2275	23/03/2010 10:04:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2276	23/03/2010 10:05:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2277	23/03/2010 10:05:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2278	23/03/2010 10:05:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2279	23/03/2010 10:05:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2280	23/03/2010 10:05:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2281	23/03/2010 10:05:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2282	23/03/2010 10:05:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2283	23/03/2010 10:05:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2284	23/03/2010 10:05:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2285	23/03/2010 10:05:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2286	23/03/2010 10:06:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2287	23/03/2010 10:06:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2288	23/03/2010 10:06:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2289	23/03/2010 10:06:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2290	23/03/2010 10:06:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2291	23/03/2010 10:06:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2292	23/03/2010 10:06:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2293	23/03/2010 10:06:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2294	23/03/2010 10:06:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2295	23/03/2010 10:06:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2296	23/03/2010 10:07:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2297	23/03/2010 10:07:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2298	23/03/2010 10:07:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2299	23/03/2010 10:07:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2300	23/03/2010 10:07:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2301	23/03/2010 10:07:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2302	23/03/2010 10:07:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2303	23/03/2010 10:07:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2304	23/03/2010 10:07:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2305	23/03/2010 10:07:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2306	23/03/2010 10:08:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2307	23/03/2010 10:08:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2308	23/03/2010 10:08:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2309	23/03/2010 10:08:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2310	23/03/2010 10:08:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
2311	23/03/2010 10:08:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2312	23/03/2010 10:08:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2313	23/03/2010 10:08:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2314	23/03/2010 10:08:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2315	23/03/2010 10:08:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2316	23/03/2010 10:09:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2317	23/03/2010 10:09:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2318	23/03/2010 10:09:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2319	23/03/2010 10:09:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2320	23/03/2010 10:09:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2321	23/03/2010 10:09:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2322	23/03/2010 10:09:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2323	23/03/2010 10:09:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2324	23/03/2010 10:09:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2325	23/03/2010 10:09:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2326	23/03/2010 10:10:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2327	23/03/2010 10:10:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2328	23/03/2010 10:10:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2329	23/03/2010 10:10:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2330	23/03/2010 10:10:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2331	23/03/2010 10:10:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2332	23/03/2010 10:10:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2333	23/03/2010 10:10:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2334	23/03/2010 10:10:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2335	23/03/2010 10:11:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2336	23/03/2010 10:11:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2337	23/03/2010 10:11:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2338	23/03/2010 10:11:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2339	23/03/2010 10:11:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2340	23/03/2010 10:11:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2341	23/03/2010 10:11:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2342	23/03/2010 10:11:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2343	23/03/2010 10:11:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2344	23/03/2010 10:11:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2345	23/03/2010 10:12:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2346	23/03/2010 10:12:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2347	23/03/2010 10:12:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2348	23/03/2010 10:12:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2349	23/03/2010 10:12:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2350	23/03/2010 10:12:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2351	23/03/2010 10:12:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2352	23/03/2010 10:12:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2353	23/03/2010 10:12:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2354	23/03/2010 10:12:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2355	23/03/2010 10:13:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2356	23/03/2010 10:13:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2357	23/03/2010 10:13:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2358	23/03/2010 10:13:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2359	23/03/2010 10:13:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2360	23/03/2010 10:13:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2361	23/03/2010 10:13:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2362	23/03/2010 10:13:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2363	23/03/2010 10:13:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2364	23/03/2010 10:13:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2365	23/03/2010 10:14:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2366	23/03/2010 10:14:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2367	23/03/2010 10:14:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2368	23/03/2010 10:14:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2369	23/03/2010 10:14:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2370	23/03/2010 10:14:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2371	23/03/2010 10:14:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2372	23/03/2010 10:14:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2373	23/03/2010 10:14:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2374	23/03/2010 10:14:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2375	23/03/2010 10:15:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2376	23/03/2010 10:15:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2377	23/03/2010 10:15:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2378	23/03/2010 10:15:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2379	23/03/2010 10:15:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2380	23/03/2010 10:15:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2381	23/03/2010 10:15:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2382	23/03/2010 10:15:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2383	23/03/2010 10:15:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2384	23/03/2010 10:15:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2385	23/03/2010 10:16:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2386	23/03/2010 10:16:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2387	23/03/2010 10:16:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2388	23/03/2010 10:16:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2389	23/03/2010 10:16:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2390	23/03/2010 10:16:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2391	23/03/2010 10:16:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2392	23/03/2010 10:16:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2393	23/03/2010 10:16:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2394	23/03/2010 10:16:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2395	23/03/2010 10:17:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2396	23/03/2010 10:17:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2397	23/03/2010 10:17:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2398	23/03/2010 10:17:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2399	23/03/2010 10:17:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2400	23/03/2010 10:17:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2401	23/03/2010 10:17:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2402	23/03/2010 10:17:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2403	23/03/2010 10:17:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2404	23/03/2010 10:17:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2405	23/03/2010 10:18:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 155V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2406	23/03/2010 10:18:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2407	23/03/2010 10:18:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2408	23/03/2010 10:18:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2409	23/03/2010 10:18:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2410	23/03/2010 10:18:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2411	23/03/2010 10:18:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2412	23/03/2010 10:18:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2413	23/03/2010 10:18:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2414	23/03/2010 10:18:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2415	23/03/2010 10:19:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2416	23/03/2010 10:19:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2417	23/03/2010 10:19:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2418	23/03/2010 10:19:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2419	23/03/2010 10:19:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2420	23/03/2010 10:19:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2421	23/03/2010 10:19:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2422	23/03/2010 10:19:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2423	23/03/2010 10:19:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2424	23/03/2010 10:19:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2425	23/03/2010 10:20:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2426	23/03/2010 10:20:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2427	23/03/2010 10:20:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2428	23/03/2010 10:20:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2429	23/03/2010 10:20:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2430	23/03/2010 10:20:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2431	23/03/2010 10:20:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.5A
2432	23/03/2010 10:20:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2433	23/03/2010 10:20:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2434	23/03/2010 10:20:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2435	23/03/2010 10:21:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2436	23/03/2010 10:21:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2437	23/03/2010 10:21:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2438	23/03/2010 10:21:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2439	23/03/2010 10:21:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2440	23/03/2010 10:21:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2441	23/03/2010 10:21:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2442	23/03/2010 10:21:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2443	23/03/2010 10:21:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2444	23/03/2010 10:21:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2445	23/03/2010 10:22:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2446	23/03/2010 10:22:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2447	23/03/2010 10:22:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2448	23/03/2010 10:22:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2449	23/03/2010 10:22:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2450	23/03/2010 10:22:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2451	23/03/2010 10:22:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2452	23/03/2010 10:22:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2453	23/03/2010 10:22:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2454	23/03/2010 10:22:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2455	23/03/2010 10:23:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
2456	23/03/2010 10:23:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2457	23/03/2010 10:23:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2458	23/03/2010 10:23:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2459	23/03/2010 10:23:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2460	23/03/2010 10:23:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2461	23/03/2010 10:23:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2462	23/03/2010 10:23:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2463	23/03/2010 10:23:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2464	23/03/2010 10:23:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2465	23/03/2010 10:24:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2466	23/03/2010 10:24:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2467	23/03/2010 10:24:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2468	23/03/2010 10:24:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2469	23/03/2010 10:24:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2470	23/03/2010 10:24:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2471	23/03/2010 10:24:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2472	23/03/2010 10:24:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2473	23/03/2010 10:24:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2474	23/03/2010 10:25:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2475	23/03/2010 10:25:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2476	23/03/2010 10:25:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2477	23/03/2010 10:25:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2478	23/03/2010 10:25:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2479	23/03/2010 10:25:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2480	23/03/2010 10:25:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2481	23/03/2010 10:25:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2482	23/03/2010 10:25:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2483	23/03/2010 10:25:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2484	23/03/2010 10:26:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2485	23/03/2010 10:26:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2486	23/03/2010 10:26:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2487	23/03/2010 10:26:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2488	23/03/2010 10:26:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2489	23/03/2010 10:26:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2490	23/03/2010 10:26:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2491	23/03/2010 10:26:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2492	23/03/2010 10:26:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2493	23/03/2010 10:26:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2494	23/03/2010 10:27:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2495	23/03/2010 10:27:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2496	23/03/2010 10:27:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2497	23/03/2010 10:27:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2498	23/03/2010 10:27:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2499	23/03/2010 10:27:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2500	23/03/2010 10:27:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2501	23/03/2010 10:27:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2502	23/03/2010 10:27:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2503	23/03/2010 10:27:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2504	23/03/2010 10:28:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2505	23/03/2010 10:28:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2506	23/03/2010 10:28:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2507	23/03/2010 10:28:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2508	23/03/2010 10:28:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2509	23/03/2010 10:28:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2510	23/03/2010 10:28:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2511	23/03/2010 10:28:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2512	23/03/2010 10:28:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
2513	23/03/2010 10:28:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2514	23/03/2010 10:29:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2515	23/03/2010 10:29:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2516	23/03/2010 10:29:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2517	23/03/2010 10:29:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2518	23/03/2010 10:29:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2519	23/03/2010 10:29:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2520	23/03/2010 10:29:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2521	23/03/2010 10:29:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2522	23/03/2010 10:29:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2523	23/03/2010 10:29:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2524	23/03/2010 10:30:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2525	23/03/2010 10:30:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2526	23/03/2010 10:30:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2527	23/03/2010 10:30:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2528	23/03/2010 10:30:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2529	23/03/2010 10:30:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2530	23/03/2010 10:30:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2531	23/03/2010 10:30:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2532	23/03/2010 10:30:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2533	23/03/2010 10:30:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2534	23/03/2010 10:31:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2535	23/03/2010 10:31:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2536	23/03/2010 10:31:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2537	23/03/2010 10:31:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2538	23/03/2010 10:31:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2539	23/03/2010 10:31:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2540	23/03/2010 10:31:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2541	23/03/2010 10:31:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2542	23/03/2010 10:31:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2543	23/03/2010 10:31:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2544	23/03/2010 10:32:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2545	23/03/2010 10:32:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2546	23/03/2010 10:32:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2547	23/03/2010 10:32:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2548	23/03/2010 10:32:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2549	23/03/2010 10:32:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2550	23/03/2010 10:32:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2551	23/03/2010 10:32:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2552	23/03/2010 10:32:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2553	23/03/2010 10:32:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2554	23/03/2010 10:33:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2555	23/03/2010 10:33:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2556	23/03/2010 10:33:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2557	23/03/2010 10:33:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2558	23/03/2010 10:33:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2559	23/03/2010 10:33:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2560	23/03/2010 10:33:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2561	23/03/2010 10:33:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2562	23/03/2010 10:33:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2563	23/03/2010 10:33:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2564	23/03/2010 10:34:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2565	23/03/2010 10:34:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2566	23/03/2010 10:34:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2567	23/03/2010 10:34:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2568	23/03/2010 10:34:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2569	23/03/2010 10:34:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2570	23/03/2010 10:34:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2571	23/03/2010 10:34:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2572	23/03/2010 10:34:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2573	23/03/2010 10:34:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2574	23/03/2010 10:35:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2575	23/03/2010 10:35:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
2576	23/03/2010 10:35:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2577	23/03/2010 10:35:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2578	23/03/2010 10:35:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2579	23/03/2010 10:35:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2580	23/03/2010 10:35:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2581	23/03/2010 10:35:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2582	23/03/2010 10:35:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2583	23/03/2010 10:35:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2584	23/03/2010 10:36:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2585	23/03/2010 10:36:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2586	23/03/2010 10:36:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2587	23/03/2010 10:36:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2588	23/03/2010 10:36:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2589	23/03/2010 10:36:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2590	23/03/2010 10:36:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2591	23/03/2010 10:36:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2592	23/03/2010 10:36:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2593	23/03/2010 10:36:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2594	23/03/2010 10:37:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2595	23/03/2010 10:37:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2596	23/03/2010 10:37:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2597	23/03/2010 10:37:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2598	23/03/2010 10:37:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2599	23/03/2010 10:37:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2600	23/03/2010 10:37:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
2601	23/03/2010 10:37:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2602	23/03/2010 10:37:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2603	23/03/2010 10:37:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2604	23/03/2010 10:38:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2605	23/03/2010 10:38:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2606	23/03/2010 10:38:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2607	23/03/2010 10:38:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2608	23/03/2010 10:38:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2609	23/03/2010 10:38:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2610	23/03/2010 10:38:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 95V) Current error (under current) expected 8.6A achieved peak 6.4A
2611	23/03/2010 10:38:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2612	23/03/2010 10:38:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2613	23/03/2010 10:38:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2614	23/03/2010 10:39:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2615	23/03/2010 10:39:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2616	23/03/2010 10:39:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2617	23/03/2010 10:39:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2618	23/03/2010 10:39:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2619	23/03/2010 10:39:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2620	23/03/2010 10:39:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2621	23/03/2010 10:39:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2622	23/03/2010 10:39:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2623	23/03/2010 10:39:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2624	23/03/2010 10:40:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2625	23/03/2010 10:40:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2626	23/03/2010 10:40:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2627	23/03/2010 10:40:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2628	23/03/2010 10:40:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2629	23/03/2010 10:40:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2630	23/03/2010 10:40:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2631	23/03/2010 10:40:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2632	23/03/2010 10:40:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2633	23/03/2010 10:40:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2634	23/03/2010 10:41:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2635	23/03/2010 10:41:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2636	23/03/2010 10:41:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2637	23/03/2010 10:41:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2638	23/03/2010 10:41:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2639	23/03/2010 10:41:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2640	23/03/2010 10:41:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2641	23/03/2010 10:41:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2642	23/03/2010 10:41:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2643	23/03/2010 10:41:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2644	23/03/2010 10:42:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2645	23/03/2010 10:42:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2646	23/03/2010 10:42:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2647	23/03/2010 10:42:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2648	23/03/2010 10:42:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2649	23/03/2010 10:42:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2650	23/03/2010 10:42:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2651	23/03/2010 10:42:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2652	23/03/2010 10:42:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
2653	23/03/2010 10:42:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2654	23/03/2010 10:43:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2655	23/03/2010 10:43:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2656	23/03/2010 10:43:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2657	23/03/2010 10:43:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2658	23/03/2010 10:43:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2659	23/03/2010 10:43:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2660	23/03/2010 10:43:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2661	23/03/2010 10:43:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2662	23/03/2010 10:43:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2663	23/03/2010 10:43:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2664	23/03/2010 10:44:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2665	23/03/2010 10:44:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2666	23/03/2010 10:44:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2667	23/03/2010 10:44:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2668	23/03/2010 10:44:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2669	23/03/2010 10:44:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2670	23/03/2010 10:44:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2671	23/03/2010 10:44:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2672	23/03/2010 10:44:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2673	23/03/2010 10:45:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2674	23/03/2010 10:45:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2675	23/03/2010 10:45:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2676	23/03/2010 10:45:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2677	23/03/2010 10:45:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2678	23/03/2010 10:45:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2679	23/03/2010 10:45:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2680	23/03/2010 10:45:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2681	23/03/2010 10:45:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2682	23/03/2010 10:45:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2683	23/03/2010 10:46:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
2684	23/03/2010 10:46:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2685	23/03/2010 10:46:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2686	23/03/2010 10:46:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2687	23/03/2010 10:46:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2688	23/03/2010 10:46:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2689	23/03/2010 10:46:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2690	23/03/2010 10:46:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2691	23/03/2010 10:46:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2692	23/03/2010 10:46:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2693	23/03/2010 10:47:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2694	23/03/2010 10:47:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2695	23/03/2010 10:47:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2696	23/03/2010 10:47:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2697	23/03/2010 10:47:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2698	23/03/2010 10:47:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2699	23/03/2010 10:47:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2700	23/03/2010 10:47:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2701	23/03/2010 10:47:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2702	23/03/2010 10:47:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2703	23/03/2010 10:48:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2704	23/03/2010 10:48:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2705	23/03/2010 10:48:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2706	23/03/2010 10:48:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2707	23/03/2010 10:48:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2708	23/03/2010 10:48:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2709	23/03/2010 10:48:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2710	23/03/2010 10:48:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2711	23/03/2010 10:48:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2712	23/03/2010 10:48:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2713	23/03/2010 10:49:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2714	23/03/2010 10:49:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2715	23/03/2010 10:49:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2716	23/03/2010 10:49:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
2717	23/03/2010 10:49:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2718	23/03/2010 10:49:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2719	23/03/2010 10:49:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2720	23/03/2010 10:49:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2721	23/03/2010 10:49:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2722	23/03/2010 10:49:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2723	23/03/2010 10:50:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2724	23/03/2010 10:50:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2725	23/03/2010 10:50:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2726	23/03/2010 10:50:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2727	23/03/2010 10:50:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2728	23/03/2010 10:50:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2729	23/03/2010 10:50:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2730	23/03/2010 10:50:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2731	23/03/2010 10:50:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2732	23/03/2010 10:51:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2733	23/03/2010 10:51:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2734	23/03/2010 10:51:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2735	23/03/2010 10:51:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2736	23/03/2010 10:51:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2737	23/03/2010 10:51:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2738	23/03/2010 10:51:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2739	23/03/2010 10:51:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2740	23/03/2010 10:51:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2741	23/03/2010 10:51:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2742	23/03/2010 10:52:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2743	23/03/2010 10:52:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2744	23/03/2010 10:52:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2745	23/03/2010 10:52:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2746	23/03/2010 10:52:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2747	23/03/2010 10:52:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2748	23/03/2010 10:52:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2749	23/03/2010 10:52:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2750	23/03/2010 10:52:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2751	23/03/2010 10:52:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2752	23/03/2010 10:53:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2753	23/03/2010 10:53:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2754	23/03/2010 10:53:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2755	23/03/2010 10:53:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2756	23/03/2010 10:53:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
2757	23/03/2010 10:53:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2758	23/03/2010 10:53:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2759	23/03/2010 10:53:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2760	23/03/2010 10:53:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2761	23/03/2010 10:53:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2762	23/03/2010 10:54:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2763	23/03/2010 10:54:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2764	23/03/2010 10:54:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2765	23/03/2010 10:54:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2766	23/03/2010 10:54:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2767	23/03/2010 10:54:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2768	23/03/2010 10:54:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2769	23/03/2010 10:54:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2770	23/03/2010 10:54:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2771	23/03/2010 10:55:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2772	23/03/2010 10:55:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2773	23/03/2010 10:55:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2774	23/03/2010 10:55:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2775	23/03/2010 10:55:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2776	23/03/2010 10:55:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2777	23/03/2010 10:55:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2778	23/03/2010 10:55:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2779	23/03/2010 10:55:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2780	23/03/2010 10:55:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2781	23/03/2010 10:56:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2782	23/03/2010 10:56:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2783	23/03/2010 10:56:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2784	23/03/2010 10:56:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2785	23/03/2010 10:56:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2786	23/03/2010 10:56:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2787	23/03/2010 10:56:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2788	23/03/2010 10:56:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2789	23/03/2010 10:56:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2790	23/03/2010 10:57:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2791	23/03/2010 10:57:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2792	23/03/2010 10:57:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2793	23/03/2010 10:57:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2794	23/03/2010 10:57:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2795	23/03/2010 10:57:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2796	23/03/2010 10:57:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2797	23/03/2010 10:57:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2798	23/03/2010 10:57:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2799	23/03/2010 10:57:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2800	23/03/2010 10:58:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2801	23/03/2010 10:58:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2802	23/03/2010 10:58:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2803	23/03/2010 10:58:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2804	23/03/2010 10:58:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2805	23/03/2010 10:58:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2806	23/03/2010 10:58:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2807	23/03/2010 10:58:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2808	23/03/2010 10:58:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2809	23/03/2010 10:58:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2810	23/03/2010 10:59:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2811	23/03/2010 10:59:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2812	23/03/2010 10:59:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2813	23/03/2010 10:59:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2814	23/03/2010 10:59:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2815	23/03/2010 10:59:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2816	23/03/2010 10:59:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2817	23/03/2010 10:59:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2818	23/03/2010 10:59:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2819	23/03/2010 11:00:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2820	23/03/2010 11:00:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2821	23/03/2010 11:00:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2822	23/03/2010 11:00:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2823	23/03/2010 11:00:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2824	23/03/2010 11:00:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2825	23/03/2010 11:00:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2826	23/03/2010 11:00:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
2827	23/03/2010 11:00:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2828	23/03/2010 11:00:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2829	23/03/2010 11:01:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2830	23/03/2010 11:01:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2831	23/03/2010 11:01:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2832	23/03/2010 11:01:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2833	23/03/2010 11:01:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2834	23/03/2010 11:01:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2835	23/03/2010 11:01:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2836	23/03/2010 11:01:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2837	23/03/2010 11:01:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2838	23/03/2010 11:02:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2839	23/03/2010 11:02:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2840	23/03/2010 11:02:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2841	23/03/2010 11:02:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2842	23/03/2010 11:02:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2843	23/03/2010 11:02:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2844	23/03/2010 11:02:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2845	23/03/2010 11:02:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2846	23/03/2010 11:02:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2847	23/03/2010 11:02:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2848	23/03/2010 11:03:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2849	23/03/2010 11:03:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2850	23/03/2010 11:03:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2851	23/03/2010 11:03:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2852	23/03/2010 11:03:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2853	23/03/2010 11:03:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2854	23/03/2010 11:03:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2855	23/03/2010 11:03:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2856	23/03/2010 11:03:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2857	23/03/2010 11:03:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2858	23/03/2010 11:04:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2859	23/03/2010 11:04:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2860	23/03/2010 11:04:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2861	23/03/2010 11:04:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2862	23/03/2010 11:04:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2863	23/03/2010 11:04:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2864	23/03/2010 11:04:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2865	23/03/2010 11:04:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2866	23/03/2010 11:04:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2867	23/03/2010 11:05:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2868	23/03/2010 11:05:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2869	23/03/2010 11:05:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2870	23/03/2010 11:05:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2871	23/03/2010 11:05:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2872	23/03/2010 11:05:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2873	23/03/2010 11:05:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2874	23/03/2010 11:05:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2875	23/03/2010 11:05:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2876	23/03/2010 11:05:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2877	23/03/2010 11:06:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2878	23/03/2010 11:06:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2879	23/03/2010 11:06:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2880	23/03/2010 11:06:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2881	23/03/2010 11:06:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2882	23/03/2010 11:06:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2883	23/03/2010 11:06:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2884	23/03/2010 11:06:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2885	23/03/2010 11:06:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2886	23/03/2010 11:07:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2887	23/03/2010 11:07:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2888	23/03/2010 11:07:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2889	23/03/2010 11:07:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2890	23/03/2010 11:07:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2891	23/03/2010 11:07:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2892	23/03/2010 11:07:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2893	23/03/2010 11:07:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2894	23/03/2010 11:07:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2895	23/03/2010 11:07:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2896	23/03/2010 11:08:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2897	23/03/2010 11:08:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2898	23/03/2010 11:08:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2899	23/03/2010 11:08:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2900	23/03/2010 11:08:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2901	23/03/2010 11:08:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2902	23/03/2010 11:08:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2903	23/03/2010 11:08:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2904	23/03/2010 11:08:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2905	23/03/2010 11:09:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2906	23/03/2010 11:09:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2907	23/03/2010 11:09:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2908	23/03/2010 11:09:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2909	23/03/2010 11:09:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2910	23/03/2010 11:09:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2911	23/03/2010 11:09:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.5A
2912	23/03/2010 11:09:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2913	23/03/2010 11:09:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2914	23/03/2010 11:09:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2915	23/03/2010 11:10:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2916	23/03/2010 11:10:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2917	23/03/2010 11:10:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2918	23/03/2010 11:10:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2919	23/03/2010 11:10:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2920	23/03/2010 11:10:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2921	23/03/2010 11:10:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2922	23/03/2010 11:10:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2923	23/03/2010 11:10:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2924	23/03/2010 11:11:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2925	23/03/2010 11:11:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2926	23/03/2010 11:11:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2927	23/03/2010 11:11:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2928	23/03/2010 11:11:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2929	23/03/2010 11:11:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2930	23/03/2010 11:11:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2931	23/03/2010 11:11:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2932	23/03/2010 11:11:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2933	23/03/2010 11:11:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 164V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2934	23/03/2010 11:12:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2935	23/03/2010 11:12:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2936	23/03/2010 11:12:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2937	23/03/2010 11:12:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2938	23/03/2010 11:12:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2939	23/03/2010 11:12:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2940	23/03/2010 11:12:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2941	23/03/2010 11:12:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2942	23/03/2010 11:12:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2943	23/03/2010 11:12:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2944	23/03/2010 11:13:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2945	23/03/2010 11:13:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2946	23/03/2010 11:13:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
2947	23/03/2010 11:13:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2948	23/03/2010 11:13:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2949	23/03/2010 11:13:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2950	23/03/2010 11:13:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2951	23/03/2010 11:13:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2952	23/03/2010 11:13:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2953	23/03/2010 11:13:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2954	23/03/2010 11:14:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2955	23/03/2010 11:14:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2956	23/03/2010 11:14:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2957	23/03/2010 11:14:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2958	23/03/2010 11:14:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2959	23/03/2010 11:14:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2960	23/03/2010 11:14:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2961	23/03/2010 11:14:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2962	23/03/2010 11:14:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2963	23/03/2010 11:15:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2964	23/03/2010 11:15:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2965	23/03/2010 11:15:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2966	23/03/2010 11:15:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2967	23/03/2010 11:15:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2968	23/03/2010 11:15:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.5A
2969	23/03/2010 11:15:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2970	23/03/2010 11:15:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2971	23/03/2010 11:15:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2972	23/03/2010 11:15:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2973	23/03/2010 11:16:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2974	23/03/2010 11:16:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2975	23/03/2010 11:16:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2976	23/03/2010 11:16:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2977	23/03/2010 11:16:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
2978	23/03/2010 11:16:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
2979	23/03/2010 11:16:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2980	23/03/2010 11:16:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2981	23/03/2010 11:16:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2982	23/03/2010 11:16:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2983	23/03/2010 11:17:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2984	23/03/2010 11:17:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2985	23/03/2010 11:17:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2986	23/03/2010 11:17:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2987	23/03/2010 11:17:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2988	23/03/2010 11:17:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2989	23/03/2010 11:17:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2990	23/03/2010 11:17:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2991	23/03/2010 11:17:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2992	23/03/2010 11:18:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
2993	23/03/2010 11:18:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2994	23/03/2010 11:18:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2995	23/03/2010 11:18:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
2996	23/03/2010 11:18:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
2997	23/03/2010 11:18:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
2998	23/03/2010 11:18:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
2999	23/03/2010 11:18:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3000	23/03/2010 11:18:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3001	23/03/2010 11:18:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3002	23/03/2010 11:19:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3003	23/03/2010 11:19:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3004	23/03/2010 11:19:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3005	23/03/2010 11:19:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3006	23/03/2010 11:19:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3007	23/03/2010 11:19:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3008	23/03/2010 11:19:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3009	23/03/2010 11:19:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3010	23/03/2010 11:19:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3011	23/03/2010 11:20:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3012	23/03/2010 11:20:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3013	23/03/2010 11:20:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3014	23/03/2010 11:20:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3015	23/03/2010 11:20:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3016	23/03/2010 11:20:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3017	23/03/2010 11:20:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3018	23/03/2010 11:20:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3019	23/03/2010 11:20:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3020	23/03/2010 11:20:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3021	23/03/2010 11:21:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3022	23/03/2010 11:21:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3023	23/03/2010 11:21:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3024	23/03/2010 11:21:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3025	23/03/2010 11:21:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3026	23/03/2010 11:21:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3027	23/03/2010 11:21:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3028	23/03/2010 11:21:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3029	23/03/2010 11:21:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3030	23/03/2010 11:21:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3031	23/03/2010 11:22:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3032	23/03/2010 11:22:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3033	23/03/2010 11:22:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3034	23/03/2010 11:22:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3035	23/03/2010 11:22:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3036	23/03/2010 11:22:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3037	23/03/2010 11:22:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3038	23/03/2010 11:22:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3039	23/03/2010 11:22:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3040	23/03/2010 11:23:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3041	23/03/2010 11:23:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3042	23/03/2010 11:23:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3043	23/03/2010 11:23:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3044	23/03/2010 11:23:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3045	23/03/2010 11:23:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3046	23/03/2010 11:23:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3047	23/03/2010 11:23:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3048	23/03/2010 11:23:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3049	23/03/2010 11:23:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3050	23/03/2010 11:24:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3051	23/03/2010 11:24:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3052	23/03/2010 11:24:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3053	23/03/2010 11:24:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3054	23/03/2010 11:24:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3055	23/03/2010 11:24:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3056	23/03/2010 11:24:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3057	23/03/2010 11:24:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3058	23/03/2010 11:24:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3059	23/03/2010 11:25:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3060	23/03/2010 11:25:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3061	23/03/2010 11:25:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3062	23/03/2010 11:25:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3063	23/03/2010 11:25:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3064	23/03/2010 11:25:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3065	23/03/2010 11:25:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3066	23/03/2010 11:25:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3067	23/03/2010 11:25:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3068	23/03/2010 11:25:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3069	23/03/2010 11:26:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3070	23/03/2010 11:26:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3071	23/03/2010 11:26:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3072	23/03/2010 11:26:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3073	23/03/2010 11:26:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 155V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3074	23/03/2010 11:26:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3075	23/03/2010 11:26:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3076	23/03/2010 11:26:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3077	23/03/2010 11:26:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3078	23/03/2010 11:26:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3079	23/03/2010 11:27:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3080	23/03/2010 11:27:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3081	23/03/2010 11:27:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3082	23/03/2010 11:27:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3083	23/03/2010 11:27:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3084	23/03/2010 11:27:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3085	23/03/2010 11:27:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3086	23/03/2010 11:27:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3087	23/03/2010 11:27:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3088	23/03/2010 11:28:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3089	23/03/2010 11:28:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3090	23/03/2010 11:28:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3091	23/03/2010 11:28:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3092	23/03/2010 11:28:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3093	23/03/2010 11:28:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3094	23/03/2010 11:28:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3095	23/03/2010 11:28:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3096	23/03/2010 11:28:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3097	23/03/2010 11:28:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3098	23/03/2010 11:29:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3099	23/03/2010 11:29:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3100	23/03/2010 11:29:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3101	23/03/2010 11:29:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3102	23/03/2010 11:29:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3103	23/03/2010 11:29:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3104	23/03/2010 11:29:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3105	23/03/2010 11:29:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3106	23/03/2010 11:29:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3107	23/03/2010 11:29:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3108	23/03/2010 11:30:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3109	23/03/2010 11:30:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3110	23/03/2010 11:30:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3111	23/03/2010 11:30:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3112	23/03/2010 11:30:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3113	23/03/2010 11:30:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3114	23/03/2010 11:30:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3115	23/03/2010 11:30:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3116	23/03/2010 11:30:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3117	23/03/2010 11:31:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3118	23/03/2010 11:31:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3119	23/03/2010 11:31:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3120	23/03/2010 11:31:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3121	23/03/2010 11:31:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3122	23/03/2010 11:31:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3123	23/03/2010 11:31:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3124	23/03/2010 11:31:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3125	23/03/2010 11:31:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 101V) Current error (under current) expected 8.6A achieved peak 6.5A
3126	23/03/2010 11:31:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3127	23/03/2010 11:32:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3128	23/03/2010 11:32:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3129	23/03/2010 11:32:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3130	23/03/2010 11:32:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3131	23/03/2010 11:32:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3132	23/03/2010 11:32:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3133	23/03/2010 11:32:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3134	23/03/2010 11:32:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3135	23/03/2010 11:32:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3136	23/03/2010 11:33:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3137	23/03/2010 11:33:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3138	23/03/2010 11:33:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3139	23/03/2010 11:33:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3140	23/03/2010 11:33:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3141	23/03/2010 11:33:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3142	23/03/2010 11:33:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3143	23/03/2010 11:33:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3144	23/03/2010 11:33:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3145	23/03/2010 11:33:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3146	23/03/2010 11:34:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3147	23/03/2010 11:34:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3148	23/03/2010 11:34:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3149	23/03/2010 11:34:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3150	23/03/2010 11:34:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3151	23/03/2010 11:34:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3152	23/03/2010 11:34:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3153	23/03/2010 11:34:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3154	23/03/2010 11:34:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3155	23/03/2010 11:35:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3156	23/03/2010 11:35:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3157	23/03/2010 11:35:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3158	23/03/2010 11:35:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3159	23/03/2010 11:35:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3160	23/03/2010 11:35:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3161	23/03/2010 11:35:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3162	23/03/2010 11:35:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3163	23/03/2010 11:35:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3164	23/03/2010 11:35:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3165	23/03/2010 11:36:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3166	23/03/2010 11:36:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3167	23/03/2010 11:36:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3168	23/03/2010 11:36:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3169	23/03/2010 11:36:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3170	23/03/2010 11:36:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3171	23/03/2010 11:36:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3172	23/03/2010 11:36:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3173	23/03/2010 11:36:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3174	23/03/2010 11:37:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3175	23/03/2010 11:37:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3176	23/03/2010 11:37:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3177	23/03/2010 11:37:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3178	23/03/2010 11:37:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3179	23/03/2010 11:37:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3180	23/03/2010 11:37:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3181	23/03/2010 11:37:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3182	23/03/2010 11:37:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3183	23/03/2010 11:37:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3184	23/03/2010 11:38:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3185	23/03/2010 11:38:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3186	23/03/2010 11:38:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3187	23/03/2010 11:38:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3188	23/03/2010 11:38:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3189	23/03/2010 11:38:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3190	23/03/2010 11:38:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3191	23/03/2010 11:38:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3192	23/03/2010 11:38:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3193	23/03/2010 11:38:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3194	23/03/2010 11:39:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3195	23/03/2010 11:39:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3196	23/03/2010 11:39:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3197	23/03/2010 11:39:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3198	23/03/2010 11:39:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3199	23/03/2010 11:39:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3200	23/03/2010 11:39:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3201	23/03/2010 11:39:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3202	23/03/2010 11:39:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3203	23/03/2010 11:40:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3204	23/03/2010 11:40:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3205	23/03/2010 11:40:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3206	23/03/2010 11:40:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3207	23/03/2010 11:40:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3208	23/03/2010 11:40:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3209	23/03/2010 11:40:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3210	23/03/2010 11:40:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3211	23/03/2010 11:40:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3212	23/03/2010 11:40:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3213	23/03/2010 11:41:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3214	23/03/2010 11:41:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3215	23/03/2010 11:41:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3216	23/03/2010 11:41:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3217	23/03/2010 11:41:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3218	23/03/2010 11:41:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3219	23/03/2010 11:41:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3220	23/03/2010 11:41:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3221	23/03/2010 11:41:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3222	23/03/2010 11:41:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3223	23/03/2010 11:42:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3224	23/03/2010 11:42:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3225	23/03/2010 11:42:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3226	23/03/2010 11:42:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3227	23/03/2010 11:42:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3228	23/03/2010 11:42:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3229	23/03/2010 11:42:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3230	23/03/2010 11:42:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3231	23/03/2010 11:42:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3232	23/03/2010 11:43:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3233	23/03/2010 11:43:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3234	23/03/2010 11:43:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3235	23/03/2010 11:43:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3236	23/03/2010 11:43:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3237	23/03/2010 11:43:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3238	23/03/2010 11:43:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3239	23/03/2010 11:43:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3240	23/03/2010 11:43:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3241	23/03/2010 11:43:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3242	23/03/2010 11:44:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3243	23/03/2010 11:44:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3244	23/03/2010 11:44:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3245	23/03/2010 11:44:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3246	23/03/2010 11:44:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3247	23/03/2010 11:44:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3248	23/03/2010 11:44:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3249	23/03/2010 11:44:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3250	23/03/2010 11:44:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3251	23/03/2010 11:44:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3252	23/03/2010 11:45:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3253	23/03/2010 11:45:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3254	23/03/2010 11:45:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3255	23/03/2010 11:45:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3256	23/03/2010 11:45:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3257	23/03/2010 11:45:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3258	23/03/2010 11:45:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3259	23/03/2010 11:45:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3260	23/03/2010 11:45:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3261	23/03/2010 11:46:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3262	23/03/2010 11:46:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3263	23/03/2010 11:46:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3264	23/03/2010 11:46:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3265	23/03/2010 11:46:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3266	23/03/2010 11:46:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3267	23/03/2010 11:46:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3268	23/03/2010 11:46:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3269	23/03/2010 11:46:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3270	23/03/2010 11:46:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3271	23/03/2010 11:47:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3272	23/03/2010 11:47:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3273	23/03/2010 11:47:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3274	23/03/2010 11:47:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3275	23/03/2010 11:47:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3276	23/03/2010 11:47:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3277	23/03/2010 11:47:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3278	23/03/2010 11:47:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3279	23/03/2010 11:47:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3280	23/03/2010 11:48:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3281	23/03/2010 11:48:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3282	23/03/2010 11:48:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3283	23/03/2010 11:48:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3284	23/03/2010 11:48:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3285	23/03/2010 11:48:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3286	23/03/2010 11:48:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3287	23/03/2010 11:48:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3288	23/03/2010 11:48:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3289	23/03/2010 11:48:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3290	23/03/2010 11:49:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3291	23/03/2010 11:49:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3292	23/03/2010 11:49:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3293	23/03/2010 11:49:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3294	23/03/2010 11:49:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3295	23/03/2010 11:49:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3296	23/03/2010 11:49:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3297	23/03/2010 11:49:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3298	23/03/2010 11:49:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3299	23/03/2010 11:49:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3300	23/03/2010 11:50:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3301	23/03/2010 11:50:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3302	23/03/2010 11:50:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3303	23/03/2010 11:50:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3304	23/03/2010 11:50:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3305	23/03/2010 11:50:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3306	23/03/2010 11:50:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3307	23/03/2010 11:50:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3308	23/03/2010 11:50:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3309	23/03/2010 11:51:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3310	23/03/2010 11:51:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3311	23/03/2010 11:51:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3312	23/03/2010 11:51:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3313	23/03/2010 11:51:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3314	23/03/2010 11:51:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3315	23/03/2010 11:51:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3316	23/03/2010 11:51:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3317	23/03/2010 11:51:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3318	23/03/2010 11:52:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3319	23/03/2010 11:52:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3320	23/03/2010 11:52:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3321	23/03/2010 11:52:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3322	23/03/2010 11:52:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3323	23/03/2010 11:52:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3324	23/03/2010 11:52:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3325	23/03/2010 11:52:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3326	23/03/2010 11:52:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3327	23/03/2010 11:52:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3328	23/03/2010 11:53:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3329	23/03/2010 11:53:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3330	23/03/2010 11:53:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3331	23/03/2010 11:53:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3332	23/03/2010 11:53:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 155V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3333	23/03/2010 11:53:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3334	23/03/2010 11:53:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3335	23/03/2010 11:53:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3336	23/03/2010 11:53:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3337	23/03/2010 11:53:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3338	23/03/2010 11:54:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3339	23/03/2010 11:54:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3340	23/03/2010 11:54:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3341	23/03/2010 11:54:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3342	23/03/2010 11:54:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3343	23/03/2010 11:54:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3344	23/03/2010 11:54:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3345	23/03/2010 11:54:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3346	23/03/2010 11:54:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3347	23/03/2010 11:55:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3348	23/03/2010 11:55:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3349	23/03/2010 11:55:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3350	23/03/2010 11:55:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3351	23/03/2010 11:55:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3352	23/03/2010 11:55:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3353	23/03/2010 11:55:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3354	23/03/2010 11:55:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3355	23/03/2010 11:55:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3356	23/03/2010 11:55:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3357	23/03/2010 11:56:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3358	23/03/2010 11:56:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3359	23/03/2010 11:56:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3360	23/03/2010 11:56:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3361	23/03/2010 11:56:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3362	23/03/2010 11:56:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3363	23/03/2010 11:56:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3364	23/03/2010 11:56:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3365	23/03/2010 11:56:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3366	23/03/2010 11:56:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3367	23/03/2010 11:57:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3368	23/03/2010 11:57:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3369	23/03/2010 11:57:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3370	23/03/2010 11:57:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3371	23/03/2010 11:57:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3372	23/03/2010 11:57:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3373	23/03/2010 11:57:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3374	23/03/2010 11:57:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3375	23/03/2010 11:57:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3376	23/03/2010 11:58:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3377	23/03/2010 11:58:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3378	23/03/2010 11:58:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3379	23/03/2010 11:58:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3380	23/03/2010 11:58:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3381	23/03/2010 11:58:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3382	23/03/2010 11:58:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3383	23/03/2010 11:58:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3384	23/03/2010 11:58:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3385	23/03/2010 11:58:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3386	23/03/2010 11:59:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3387	23/03/2010 11:59:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3388	23/03/2010 11:59:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3389	23/03/2010 11:59:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3390	23/03/2010 11:59:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3391	23/03/2010 11:59:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3392	23/03/2010 11:59:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3393	23/03/2010 11:59:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3394	23/03/2010 11:59:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3395	23/03/2010 11:59:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3396	23/03/2010 12:00:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3397	23/03/2010 12:00:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3398	23/03/2010 12:00:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3399	23/03/2010 12:00:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3400	23/03/2010 12:00:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3401	23/03/2010 12:00:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3402	23/03/2010 12:00:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3403	23/03/2010 12:00:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3404	23/03/2010 12:00:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3405	23/03/2010 12:01:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3406	23/03/2010 12:01:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3407	23/03/2010 12:01:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3408	23/03/2010 12:01:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3409	23/03/2010 12:01:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3410	23/03/2010 12:01:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3411	23/03/2010 12:01:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3412	23/03/2010 12:01:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3413	23/03/2010 12:01:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3414	23/03/2010 12:01:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3415	23/03/2010 12:02:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3416	23/03/2010 12:02:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3417	23/03/2010 12:02:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3418	23/03/2010 12:02:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3419	23/03/2010 12:02:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3420	23/03/2010 12:02:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3421	23/03/2010 12:02:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3422	23/03/2010 12:02:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3423	23/03/2010 12:02:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3424	23/03/2010 12:03:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3425	23/03/2010 12:03:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3426	23/03/2010 12:03:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3427	23/03/2010 12:03:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3428	23/03/2010 12:03:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3429	23/03/2010 12:03:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3430	23/03/2010 12:03:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3431	23/03/2010 12:03:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3432	23/03/2010 12:03:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3433	23/03/2010 12:03:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3434	23/03/2010 12:04:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3435	23/03/2010 12:04:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3436	23/03/2010 12:04:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3437	23/03/2010 12:04:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3438	23/03/2010 12:04:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3439	23/03/2010 12:04:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3440	23/03/2010 12:04:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3441	23/03/2010 12:04:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3442	23/03/2010 12:04:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3443	23/03/2010 12:04:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3444	23/03/2010 12:05:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3445	23/03/2010 12:05:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3446	23/03/2010 12:05:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3447	23/03/2010 12:05:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3448	23/03/2010 12:05:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3449	23/03/2010 12:05:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3450	23/03/2010 12:05:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3451	23/03/2010 12:05:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3452	23/03/2010 12:05:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3453	23/03/2010 12:06:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3454	23/03/2010 12:06:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3455	23/03/2010 12:06:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3456	23/03/2010 12:06:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3457	23/03/2010 12:06:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3458	23/03/2010 12:06:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3459	23/03/2010 12:06:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3460	23/03/2010 12:06:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3461	23/03/2010 12:06:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3462	23/03/2010 12:06:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3463	23/03/2010 12:07:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3464	23/03/2010 12:07:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3465	23/03/2010 12:07:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3466	23/03/2010 12:07:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3467	23/03/2010 12:07:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3468	23/03/2010 12:07:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3469	23/03/2010 12:07:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3470	23/03/2010 12:07:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3471	23/03/2010 12:07:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3472	23/03/2010 12:07:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3473	23/03/2010 12:08:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3474	23/03/2010 12:08:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3475	23/03/2010 12:08:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3476	23/03/2010 12:08:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3477	23/03/2010 12:08:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3478	23/03/2010 12:08:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3479	23/03/2010 12:08:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3480	23/03/2010 12:08:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3481	23/03/2010 12:08:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3482	23/03/2010 12:09:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3483	23/03/2010 12:09:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3484	23/03/2010 12:09:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3485	23/03/2010 12:09:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3486	23/03/2010 12:09:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3487	23/03/2010 12:09:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3488	23/03/2010 12:09:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3489	23/03/2010 12:09:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3490	23/03/2010 12:09:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3491	23/03/2010 12:09:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3492	23/03/2010 12:10:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3493	23/03/2010 12:10:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3494	23/03/2010 12:10:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3495	23/03/2010 12:10:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3496	23/03/2010 12:10:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3497	23/03/2010 12:10:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3498	23/03/2010 12:10:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3499	23/03/2010 12:10:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3500	23/03/2010 12:10:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3501	23/03/2010 12:11:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3502	23/03/2010 12:11:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3503	23/03/2010 12:11:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3504	23/03/2010 12:11:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3505	23/03/2010 12:11:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3506	23/03/2010 12:11:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3507	23/03/2010 12:11:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3508	23/03/2010 12:11:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3509	23/03/2010 12:11:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3510	23/03/2010 12:11:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3511	23/03/2010 12:12:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3512	23/03/2010 12:12:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3513	23/03/2010 12:12:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3514	23/03/2010 12:12:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3515	23/03/2010 12:12:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3516	23/03/2010 12:12:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3517	23/03/2010 12:12:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3518	23/03/2010 12:12:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3519	23/03/2010 12:12:52	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.50s into shot
	23/03/2010 12:12:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3520	23/03/2010 12:12:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3521	23/03/2010 12:13:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3522	23/03/2010 12:13:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3523	23/03/2010 12:13:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3524	23/03/2010 12:13:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3525	23/03/2010 12:13:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3526	23/03/2010 12:13:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3527	23/03/2010 12:13:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3528	23/03/2010 12:13:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3529	23/03/2010 12:13:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3530	23/03/2010 12:14:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3531	23/03/2010 12:14:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3532	23/03/2010 12:14:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3533	23/03/2010 12:14:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3534	23/03/2010 12:14:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3535	23/03/2010 12:14:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3536	23/03/2010 12:14:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3537	23/03/2010 12:14:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3538	23/03/2010 12:14:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3539	23/03/2010 12:14:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3540	23/03/2010 12:15:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3541	23/03/2010 12:15:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3542	23/03/2010 12:15:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3543	23/03/2010 12:15:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3544	23/03/2010 12:15:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3545	23/03/2010 12:15:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3546	23/03/2010 12:15:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3547	23/03/2010 12:15:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3548	23/03/2010 12:15:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3549	23/03/2010 12:16:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3550	23/03/2010 12:16:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3551	23/03/2010 12:16:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3552	23/03/2010 12:16:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3553	23/03/2010 12:16:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3554	23/03/2010 12:16:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3555	23/03/2010 12:16:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3556	23/03/2010 12:16:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3557	23/03/2010 12:16:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3558	23/03/2010 12:16:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3559	23/03/2010 12:17:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3560	23/03/2010 12:17:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3561	23/03/2010 12:17:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3562	23/03/2010 12:17:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3563	23/03/2010 12:17:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3564	23/03/2010 12:17:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3565	23/03/2010 12:17:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3566	23/03/2010 12:17:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3567	23/03/2010 12:17:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3568	23/03/2010 12:17:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3569	23/03/2010 12:18:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3570	23/03/2010 12:18:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3571	23/03/2010 12:18:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3572	23/03/2010 12:18:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3573	23/03/2010 12:18:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3574	23/03/2010 12:18:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3575	23/03/2010 12:18:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3576	23/03/2010 12:18:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3577	23/03/2010 12:18:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3578	23/03/2010 12:19:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3579	23/03/2010 12:19:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3580	23/03/2010 12:19:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3581	23/03/2010 12:19:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3582	23/03/2010 12:19:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3583	23/03/2010 12:19:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3584	23/03/2010 12:19:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3585	23/03/2010 12:19:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3586	23/03/2010 12:19:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3587	23/03/2010 12:19:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3588	23/03/2010 12:20:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3589	23/03/2010 12:20:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3590	23/03/2010 12:20:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3591	23/03/2010 12:20:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3592	23/03/2010 12:20:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3593	23/03/2010 12:20:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3594	23/03/2010 12:20:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3595	23/03/2010 12:20:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3596	23/03/2010 12:20:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3597	23/03/2010 12:20:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3598	23/03/2010 12:21:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3599	23/03/2010 12:21:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3600	23/03/2010 12:21:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3601	23/03/2010 12:21:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3602	23/03/2010 12:21:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3603	23/03/2010 12:21:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3604	23/03/2010 12:21:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3605	23/03/2010 12:21:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3606	23/03/2010 12:21:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3607	23/03/2010 12:22:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3608	23/03/2010 12:22:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3609	23/03/2010 12:22:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3610	23/03/2010 12:22:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3611	23/03/2010 12:22:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3612	23/03/2010 12:22:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3613	23/03/2010 12:22:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3614	23/03/2010 12:22:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3615	23/03/2010 12:22:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3616	23/03/2010 12:22:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3617	23/03/2010 12:23:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3618	23/03/2010 12:23:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3619	23/03/2010 12:23:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3620	23/03/2010 12:23:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3621	23/03/2010 12:23:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3622	23/03/2010 12:23:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3623	23/03/2010 12:23:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3624	23/03/2010 12:23:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3625	23/03/2010 12:23:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3626	23/03/2010 12:24:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3627	23/03/2010 12:24:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3628	23/03/2010 12:24:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3629	23/03/2010 12:24:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3630	23/03/2010 12:24:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3631	23/03/2010 12:24:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3632	23/03/2010 12:24:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3633	23/03/2010 12:24:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3634	23/03/2010 12:24:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3635	23/03/2010 12:24:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3636	23/03/2010 12:25:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3637	23/03/2010 12:25:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3638	23/03/2010 12:25:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3639	23/03/2010 12:25:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3640	23/03/2010 12:25:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3641	23/03/2010 12:25:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3642	23/03/2010 12:25:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3643	23/03/2010 12:25:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3644	23/03/2010 12:25:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3645	23/03/2010 12:25:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3646	23/03/2010 12:26:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3647	23/03/2010 12:26:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3648	23/03/2010 12:26:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3649	23/03/2010 12:26:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3650	23/03/2010 12:26:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3651	23/03/2010 12:26:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3652	23/03/2010 12:26:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3653	23/03/2010 12:26:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3654	23/03/2010 12:26:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3655	23/03/2010 12:27:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3656	23/03/2010 12:27:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3657	23/03/2010 12:27:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3658	23/03/2010 12:27:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3659	23/03/2010 12:27:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3660	23/03/2010 12:27:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3661	23/03/2010 12:27:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3662	23/03/2010 12:27:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3663	23/03/2010 12:27:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3664	23/03/2010 12:27:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3665	23/03/2010 12:28:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3666	23/03/2010 12:28:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3667	23/03/2010 12:28:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3668	23/03/2010 12:28:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3669	23/03/2010 12:28:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3670	23/03/2010 12:28:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3671	23/03/2010 12:28:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3672	23/03/2010 12:28:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3673	23/03/2010 12:28:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3674	23/03/2010 12:29:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3675	23/03/2010 12:29:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3676	23/03/2010 12:29:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3677	23/03/2010 12:29:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3678	23/03/2010 12:29:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3679	23/03/2010 12:29:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3680	23/03/2010 12:29:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3681	23/03/2010 12:29:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3682	23/03/2010 12:29:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3683	23/03/2010 12:29:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3684	23/03/2010 12:30:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3685	23/03/2010 12:30:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3686	23/03/2010 12:30:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3687	23/03/2010 12:30:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3688	23/03/2010 12:30:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3689	23/03/2010 12:30:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3690	23/03/2010 12:30:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3691	23/03/2010 12:30:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3692	23/03/2010 12:30:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3693	23/03/2010 12:31:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3694	23/03/2010 12:31:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3695	23/03/2010 12:31:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3696	23/03/2010 12:31:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3697	23/03/2010 12:31:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3698	23/03/2010 12:31:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3699	23/03/2010 12:31:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3700	23/03/2010 12:31:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3701	23/03/2010 12:31:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3702	23/03/2010 12:31:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3703	23/03/2010 12:32:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3704	23/03/2010 12:32:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3705	23/03/2010 12:32:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3706	23/03/2010 12:32:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3707	23/03/2010 12:32:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3708	23/03/2010 12:32:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3709	23/03/2010 12:32:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3710	23/03/2010 12:32:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3711	23/03/2010 12:32:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3712	23/03/2010 12:32:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3713	23/03/2010 12:33:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3714	23/03/2010 12:33:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3715	23/03/2010 12:33:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3716	23/03/2010 12:33:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3717	23/03/2010 12:33:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3718	23/03/2010 12:33:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3719	23/03/2010 12:33:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3720	23/03/2010 12:33:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3721	23/03/2010 12:33:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3722	23/03/2010 12:34:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3723	23/03/2010 12:34:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3724	23/03/2010 12:34:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3725	23/03/2010 12:34:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3726	23/03/2010 12:34:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3727	23/03/2010 12:34:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3728	23/03/2010 12:34:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3729	23/03/2010 12:34:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3730	23/03/2010 12:34:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3731	23/03/2010 12:34:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3732	23/03/2010 12:35:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3733	23/03/2010 12:35:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3734	23/03/2010 12:35:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3735	23/03/2010 12:35:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3736	23/03/2010 12:35:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3737	23/03/2010 12:35:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3738	23/03/2010 12:35:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3739	23/03/2010 12:35:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3740	23/03/2010 12:35:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3741	23/03/2010 12:36:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3742	23/03/2010 12:36:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3743	23/03/2010 12:36:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3744	23/03/2010 12:36:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3745	23/03/2010 12:36:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3746	23/03/2010 12:36:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3747	23/03/2010 12:36:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3748	23/03/2010 12:36:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3749	23/03/2010 12:36:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3750	23/03/2010 12:36:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3751	23/03/2010 12:37:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3752	23/03/2010 12:37:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3753	23/03/2010 12:37:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3754	23/03/2010 12:37:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3755	23/03/2010 12:37:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3756	23/03/2010 12:37:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3757	23/03/2010 12:37:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3758	23/03/2010 12:37:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3759	23/03/2010 12:37:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3760	23/03/2010 12:37:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3761	23/03/2010 12:38:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3762	23/03/2010 12:38:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3763	23/03/2010 12:38:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3764	23/03/2010 12:38:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3765	23/03/2010 12:38:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3766	23/03/2010 12:38:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3767	23/03/2010 12:38:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3768	23/03/2010 12:38:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3769	23/03/2010 12:38:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3770	23/03/2010 12:39:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3771	23/03/2010 12:39:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3772	23/03/2010 12:39:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3773	23/03/2010 12:39:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3774	23/03/2010 12:39:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3775	23/03/2010 12:39:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3776	23/03/2010 12:39:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3777	23/03/2010 12:39:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3778	23/03/2010 12:39:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3779	23/03/2010 12:39:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3780	23/03/2010 12:40:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3781	23/03/2010 12:40:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3782	23/03/2010 12:40:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3783	23/03/2010 12:40:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3784	23/03/2010 12:40:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3785	23/03/2010 12:40:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3786	23/03/2010 12:40:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3787	23/03/2010 12:40:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3788	23/03/2010 12:40:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3789	23/03/2010 12:41:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3790	23/03/2010 12:41:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3791	23/03/2010 12:41:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3792	23/03/2010 12:41:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3793	23/03/2010 12:41:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3794	23/03/2010 12:41:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3795	23/03/2010 12:41:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.5A
3796	23/03/2010 12:41:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3797	23/03/2010 12:41:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3798	23/03/2010 12:41:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3799	23/03/2010 12:42:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3800	23/03/2010 12:42:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3801	23/03/2010 12:42:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3802	23/03/2010 12:42:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3803	23/03/2010 12:42:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3804	23/03/2010 12:42:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3805	23/03/2010 12:42:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3806	23/03/2010 12:42:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3807	23/03/2010 12:42:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3808	23/03/2010 12:42:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3809	23/03/2010 12:43:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3810	23/03/2010 12:43:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3811	23/03/2010 12:43:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3812	23/03/2010 12:43:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3813	23/03/2010 12:43:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.5A
3814	23/03/2010 12:43:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3815	23/03/2010 12:43:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3816	23/03/2010 12:43:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3817	23/03/2010 12:43:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3818	23/03/2010 12:44:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3819	23/03/2010 12:44:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3820	23/03/2010 12:44:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3821	23/03/2010 12:44:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3822	23/03/2010 12:44:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3823	23/03/2010 12:44:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3824	23/03/2010 12:44:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3825	23/03/2010 12:44:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3826	23/03/2010 12:44:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3827	23/03/2010 12:44:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3828	23/03/2010 12:45:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3829	23/03/2010 12:45:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3830	23/03/2010 12:45:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3831	23/03/2010 12:45:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3832	23/03/2010 12:45:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3833	23/03/2010 12:45:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3834	23/03/2010 12:45:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3835	23/03/2010 12:45:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3836	23/03/2010 12:45:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3837	23/03/2010 12:46:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3838	23/03/2010 12:46:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3839	23/03/2010 12:46:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3840	23/03/2010 12:46:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3841	23/03/2010 12:46:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3842	23/03/2010 12:46:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3843	23/03/2010 12:46:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3844	23/03/2010 12:46:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3845	23/03/2010 12:46:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3846	23/03/2010 12:46:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3847	23/03/2010 12:47:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3848	23/03/2010 12:47:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3849	23/03/2010 12:47:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3850	23/03/2010 12:47:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3851	23/03/2010 12:47:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3852	23/03/2010 12:47:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3853	23/03/2010 12:47:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3854	23/03/2010 12:47:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3855	23/03/2010 12:47:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3856	23/03/2010 12:47:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3857	23/03/2010 12:48:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3858	23/03/2010 12:48:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3859	23/03/2010 12:48:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3860	23/03/2010 12:48:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3861	23/03/2010 12:48:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3862	23/03/2010 12:48:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3863	23/03/2010 12:48:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3864	23/03/2010 12:48:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3865	23/03/2010 12:48:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3866	23/03/2010 12:49:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3867	23/03/2010 12:49:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3868	23/03/2010 12:49:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3869	23/03/2010 12:49:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3870	23/03/2010 12:49:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3871	23/03/2010 12:49:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3872	23/03/2010 12:49:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3873	23/03/2010 12:49:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3874	23/03/2010 12:49:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3875	23/03/2010 12:49:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3876	23/03/2010 12:50:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3877	23/03/2010 12:50:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3878	23/03/2010 12:50:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3879	23/03/2010 12:50:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3880	23/03/2010 12:50:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3881	23/03/2010 12:50:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3882	23/03/2010 12:50:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3883	23/03/2010 12:50:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3884	23/03/2010 12:50:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3885	23/03/2010 12:51:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3886	23/03/2010 12:51:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3887	23/03/2010 12:51:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3888	23/03/2010 12:51:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3889	23/03/2010 12:51:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3890	23/03/2010 12:51:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3891	23/03/2010 12:51:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3892	23/03/2010 12:51:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3893	23/03/2010 12:51:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3894	23/03/2010 12:51:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3895	23/03/2010 12:52:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3896	23/03/2010 12:52:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3897	23/03/2010 12:52:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3898	23/03/2010 12:52:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3899	23/03/2010 12:52:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3900	23/03/2010 12:52:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3901	23/03/2010 12:52:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3902	23/03/2010 12:52:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3903	23/03/2010 12:52:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3904	23/03/2010 12:53:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3905	23/03/2010 12:53:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3906	23/03/2010 12:53:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3907	23/03/2010 12:53:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3908	23/03/2010 12:53:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3909	23/03/2010 12:53:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3910	23/03/2010 12:53:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3911	23/03/2010 12:53:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3912	23/03/2010 12:53:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3913	23/03/2010 12:53:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3914	23/03/2010 12:54:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3915	23/03/2010 12:54:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3916	23/03/2010 12:54:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3917	23/03/2010 12:54:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3918	23/03/2010 12:54:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3919	23/03/2010 12:54:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3920	23/03/2010 12:54:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3921	23/03/2010 12:54:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3922	23/03/2010 12:54:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3923	23/03/2010 12:54:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3924	23/03/2010 12:55:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3925	23/03/2010 12:55:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3926	23/03/2010 12:55:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3927	23/03/2010 12:55:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3928	23/03/2010 12:55:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3929	23/03/2010 12:55:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3930	23/03/2010 12:55:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3931	23/03/2010 12:55:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3932	23/03/2010 12:55:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3933	23/03/2010 12:56:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3934	23/03/2010 12:56:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3935	23/03/2010 12:56:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3936	23/03/2010 12:56:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3937	23/03/2010 12:56:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3938	23/03/2010 12:56:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3939	23/03/2010 12:56:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3940	23/03/2010 12:56:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3941	23/03/2010 12:56:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
	23/03/2010 12:56:55	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 4.70s into shot
3942	23/03/2010 12:56:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3943	23/03/2010 12:57:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3944	23/03/2010 12:57:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3945	23/03/2010 12:57:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
	23/03/2010 12:57:17	Operator command, GUN String 2 Cluster 1 Gun 1 New Threshold
3946	23/03/2010 12:57:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
3947	23/03/2010 12:57:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3948	23/03/2010 12:57:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3949	23/03/2010 12:57:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3950	23/03/2010 12:57:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
3951	23/03/2010 12:57:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3952	23/03/2010 12:58:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3953	23/03/2010 12:58:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3954	23/03/2010 12:58:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3955	23/03/2010 12:58:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3956	23/03/2010 12:58:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3957	23/03/2010 12:58:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3958	23/03/2010 12:58:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3959	23/03/2010 12:58:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3960	23/03/2010 12:58:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3961	23/03/2010 12:58:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3962	23/03/2010 12:59:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3963	23/03/2010 12:59:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3964	23/03/2010 12:59:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
3965	23/03/2010 12:59:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3966	23/03/2010 12:59:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3967	23/03/2010 12:59:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3968	23/03/2010 12:59:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3969	23/03/2010 12:59:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3970	23/03/2010 12:59:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3971	23/03/2010 12:59:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3972	23/03/2010 13:00:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3973	23/03/2010 13:00:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3974	23/03/2010 13:00:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3975	23/03/2010 13:00:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3976	23/03/2010 13:00:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3977	23/03/2010 13:00:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3978	23/03/2010 13:00:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3979	23/03/2010 13:00:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3980	23/03/2010 13:00:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3981	23/03/2010 13:00:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3982	23/03/2010 13:01:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3983	23/03/2010 13:01:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
3984	23/03/2010 13:01:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3985	23/03/2010 13:01:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3986	23/03/2010 13:01:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3987	23/03/2010 13:01:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3988	23/03/2010 13:01:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3989	23/03/2010 13:01:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
3990	23/03/2010 13:01:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3991	23/03/2010 13:02:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3992	23/03/2010 13:02:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3993	23/03/2010 13:02:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3994	23/03/2010 13:02:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
3995	23/03/2010 13:02:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3996	23/03/2010 13:02:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
3997	23/03/2010 13:02:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
3998	23/03/2010 13:02:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
3999	23/03/2010 13:02:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4000	23/03/2010 13:02:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4001	23/03/2010 13:03:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4002	23/03/2010 13:03:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4003	23/03/2010 13:03:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4004	23/03/2010 13:03:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4005	23/03/2010 13:03:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4006	23/03/2010 13:03:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4007	23/03/2010 13:03:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4008	23/03/2010 13:03:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4009	23/03/2010 13:03:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4010	23/03/2010 13:04:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4011	23/03/2010 13:04:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4012	23/03/2010 13:04:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4013	23/03/2010 13:04:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4014	23/03/2010 13:04:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4015	23/03/2010 13:04:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4016	23/03/2010 13:04:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4017	23/03/2010 13:04:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4018	23/03/2010 13:04:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4019	23/03/2010 13:04:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4020	23/03/2010 13:05:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4021	23/03/2010 13:05:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4022	23/03/2010 13:05:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4023	23/03/2010 13:05:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4024	23/03/2010 13:05:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4025	23/03/2010 13:05:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4026	23/03/2010 13:05:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4027	23/03/2010 13:05:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4028	23/03/2010 13:05:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4029	23/03/2010 13:06:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4030	23/03/2010 13:06:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4031	23/03/2010 13:06:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4032	23/03/2010 13:06:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4033	23/03/2010 13:06:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4034	23/03/2010 13:06:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4035	23/03/2010 13:06:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4036	23/03/2010 13:06:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4037	23/03/2010 13:06:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4038	23/03/2010 13:06:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4039	23/03/2010 13:07:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4040	23/03/2010 13:07:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4041	23/03/2010 13:07:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4042	23/03/2010 13:07:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4043	23/03/2010 13:07:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4044	23/03/2010 13:07:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4045	23/03/2010 13:07:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4046	23/03/2010 13:07:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4047	23/03/2010 13:07:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4048	23/03/2010 13:07:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4049	23/03/2010 13:08:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4050	23/03/2010 13:08:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4051	23/03/2010 13:08:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4052	23/03/2010 13:08:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4053	23/03/2010 13:08:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4054	23/03/2010 13:08:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4055	23/03/2010 13:08:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4056	23/03/2010 13:08:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4057	23/03/2010 13:08:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4058	23/03/2010 13:09:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4059	23/03/2010 13:09:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4060	23/03/2010 13:09:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4061	23/03/2010 13:09:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4062	23/03/2010 13:09:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4063	23/03/2010 13:09:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4064	23/03/2010 13:09:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4065	23/03/2010 13:09:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4066	23/03/2010 13:09:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4067	23/03/2010 13:09:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4068	23/03/2010 13:10:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4069	23/03/2010 13:10:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4070	23/03/2010 13:10:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4071	23/03/2010 13:10:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4072	23/03/2010 13:10:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4073	23/03/2010 13:10:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4074	23/03/2010 13:10:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4075	23/03/2010 13:10:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4076	23/03/2010 13:10:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4077	23/03/2010 13:11:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4078	23/03/2010 13:11:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4079	23/03/2010 13:11:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4080	23/03/2010 13:11:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4081	23/03/2010 13:11:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4082	23/03/2010 13:11:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4083	23/03/2010 13:11:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4084	23/03/2010 13:11:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4085	23/03/2010 13:11:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4086	23/03/2010 13:11:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4087	23/03/2010 13:12:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4088	23/03/2010 13:12:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4089	23/03/2010 13:12:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4090	23/03/2010 13:12:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4091	23/03/2010 13:12:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4092	23/03/2010 13:12:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4093	23/03/2010 13:12:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4094	23/03/2010 13:12:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4095	23/03/2010 13:12:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4096	23/03/2010 13:12:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4097	23/03/2010 13:13:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4098	23/03/2010 13:13:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4099	23/03/2010 13:13:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4100	23/03/2010 13:13:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4101	23/03/2010 13:13:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4102	23/03/2010 13:13:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4103	23/03/2010 13:13:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4104	23/03/2010 13:13:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4105	23/03/2010 13:13:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4106	23/03/2010 13:14:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4107	23/03/2010 13:14:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4108	23/03/2010 13:14:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4109	23/03/2010 13:14:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4110	23/03/2010 13:14:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4111	23/03/2010 13:14:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4112	23/03/2010 13:14:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4113	23/03/2010 13:14:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4114	23/03/2010 13:14:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4115	23/03/2010 13:14:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4116	23/03/2010 13:15:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4117	23/03/2010 13:15:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4118	23/03/2010 13:15:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4119	23/03/2010 13:15:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4120	23/03/2010 13:15:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4121	23/03/2010 13:15:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4122	23/03/2010 13:15:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4123	23/03/2010 13:15:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4124	23/03/2010 13:15:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4125	23/03/2010 13:15:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4126	23/03/2010 13:16:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4127	23/03/2010 13:16:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4128	23/03/2010 13:16:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4129	23/03/2010 13:16:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4130	23/03/2010 13:16:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4131	23/03/2010 13:16:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4132	23/03/2010 13:16:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4133	23/03/2010 13:16:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4134	23/03/2010 13:16:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4135	23/03/2010 13:17:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4136	23/03/2010 13:17:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4137	23/03/2010 13:17:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4138	23/03/2010 13:17:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4139	23/03/2010 13:17:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4140	23/03/2010 13:17:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4141	23/03/2010 13:17:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4142	23/03/2010 13:17:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4143	23/03/2010 13:17:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4144	23/03/2010 13:17:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4145	23/03/2010 13:18:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4146	23/03/2010 13:18:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4147	23/03/2010 13:18:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4148	23/03/2010 13:18:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4149	23/03/2010 13:18:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4150	23/03/2010 13:18:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4151	23/03/2010 13:18:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4152	23/03/2010 13:18:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4153	23/03/2010 13:18:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4154	23/03/2010 13:19:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4155	23/03/2010 13:19:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4156	23/03/2010 13:19:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4157	23/03/2010 13:19:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4158	23/03/2010 13:19:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4159	23/03/2010 13:19:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4160	23/03/2010 13:19:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4161	23/03/2010 13:19:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4162	23/03/2010 13:19:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4163	23/03/2010 13:19:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4164	23/03/2010 13:20:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4165	23/03/2010 13:20:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4166	23/03/2010 13:20:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4167	23/03/2010 13:20:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4168	23/03/2010 13:20:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4169	23/03/2010 13:20:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4170	23/03/2010 13:20:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4171	23/03/2010 13:20:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4172	23/03/2010 13:20:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4173	23/03/2010 13:21:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4174	23/03/2010 13:21:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4175	23/03/2010 13:21:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4176	23/03/2010 13:21:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4177	23/03/2010 13:21:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4178	23/03/2010 13:21:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4179	23/03/2010 13:21:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4180	23/03/2010 13:21:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4181	23/03/2010 13:21:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4182	23/03/2010 13:21:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4183	23/03/2010 13:22:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4184	23/03/2010 13:22:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4185	23/03/2010 13:22:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4186	23/03/2010 13:22:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4187	23/03/2010 13:22:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4188	23/03/2010 13:22:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4189	23/03/2010 13:22:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4190	23/03/2010 13:22:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4191	23/03/2010 13:22:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4192	23/03/2010 13:23:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4193	23/03/2010 13:23:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4194	23/03/2010 13:23:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4195	23/03/2010 13:23:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4196	23/03/2010 13:23:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4197	23/03/2010 13:23:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4198	23/03/2010 13:23:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4199	23/03/2010 13:23:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4200	23/03/2010 13:23:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4201	23/03/2010 13:23:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4202	23/03/2010 13:24:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4203	23/03/2010 13:24:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4204	23/03/2010 13:24:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4205	23/03/2010 13:24:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4206	23/03/2010 13:24:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4207	23/03/2010 13:24:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4208	23/03/2010 13:24:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4209	23/03/2010 13:24:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4210	23/03/2010 13:24:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4211	23/03/2010 13:24:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4212	23/03/2010 13:25:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4213	23/03/2010 13:25:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4214	23/03/2010 13:25:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4215	23/03/2010 13:25:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4216	23/03/2010 13:25:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4217	23/03/2010 13:25:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4218	23/03/2010 13:25:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4219	23/03/2010 13:25:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4220	23/03/2010 13:25:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4221	23/03/2010 13:25:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4222	23/03/2010 13:26:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4223	23/03/2010 13:26:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4224	23/03/2010 13:26:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4225	23/03/2010 13:26:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4226	23/03/2010 13:26:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4227	23/03/2010 13:26:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4228	23/03/2010 13:26:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4229	23/03/2010 13:26:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4230	23/03/2010 13:26:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4231	23/03/2010 13:27:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4232	23/03/2010 13:27:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4233	23/03/2010 13:27:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4234	23/03/2010 13:27:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4235	23/03/2010 13:27:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4236	23/03/2010 13:27:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4237	23/03/2010 13:27:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4238	23/03/2010 13:27:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4239	23/03/2010 13:27:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4240	23/03/2010 13:27:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4241	23/03/2010 13:28:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4242	23/03/2010 13:28:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4243	23/03/2010 13:28:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4244	23/03/2010 13:28:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4245	23/03/2010 13:28:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4246	23/03/2010 13:28:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4247	23/03/2010 13:28:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4248	23/03/2010 13:28:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4249	23/03/2010 13:28:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4250	23/03/2010 13:28:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4251	23/03/2010 13:29:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4252	23/03/2010 13:29:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4253	23/03/2010 13:29:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4254	23/03/2010 13:29:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4255	23/03/2010 13:29:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4256	23/03/2010 13:29:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4257	23/03/2010 13:29:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4258	23/03/2010 13:29:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4259	23/03/2010 13:29:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4260	23/03/2010 13:30:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4261	23/03/2010 13:30:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4262	23/03/2010 13:30:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4263	23/03/2010 13:30:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4264	23/03/2010 13:30:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4265	23/03/2010 13:30:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4266	23/03/2010 13:30:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4267	23/03/2010 13:30:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4268	23/03/2010 13:30:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4269	23/03/2010 13:31:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4270	23/03/2010 13:31:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4271	23/03/2010 13:31:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4272	23/03/2010 13:31:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4273	23/03/2010 13:31:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4274	23/03/2010 13:31:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4275	23/03/2010 13:31:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4276	23/03/2010 13:31:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4277	23/03/2010 13:31:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4278	23/03/2010 13:32:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4279	23/03/2010 13:32:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4280	23/03/2010 13:32:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4281	23/03/2010 13:32:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4282	23/03/2010 13:32:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4283	23/03/2010 13:32:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4284	23/03/2010 13:32:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4285	23/03/2010 13:32:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4286	23/03/2010 13:32:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4287	23/03/2010 13:33:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4288	23/03/2010 13:33:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4289	23/03/2010 13:33:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4290	23/03/2010 13:33:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4291	23/03/2010 13:33:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4292	23/03/2010 13:33:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4293	23/03/2010 13:33:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4294	23/03/2010 13:33:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4295	23/03/2010 13:33:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4296	23/03/2010 13:34:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4297	23/03/2010 13:34:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4298	23/03/2010 13:34:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4299	23/03/2010 13:34:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4300	23/03/2010 13:34:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4301	23/03/2010 13:34:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4302	23/03/2010 13:34:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4303	23/03/2010 13:34:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4304	23/03/2010 13:34:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4305	23/03/2010 13:34:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4306	23/03/2010 13:35:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4307	23/03/2010 13:35:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4308	23/03/2010 13:35:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4309	23/03/2010 13:35:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4310	23/03/2010 13:35:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4311	23/03/2010 13:35:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4312	23/03/2010 13:35:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4313	23/03/2010 13:35:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4314	23/03/2010 13:35:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4315	23/03/2010 13:36:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4316	23/03/2010 13:36:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4317	23/03/2010 13:36:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4318	23/03/2010 13:36:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4319	23/03/2010 13:36:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4320	23/03/2010 13:36:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4321	23/03/2010 13:36:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4322	23/03/2010 13:36:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4323	23/03/2010 13:36:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4324	23/03/2010 13:37:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4325	23/03/2010 13:37:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4326	23/03/2010 13:37:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4327	23/03/2010 13:37:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4328	23/03/2010 13:37:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4329	23/03/2010 13:37:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4330	23/03/2010 13:37:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4331	23/03/2010 13:37:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4332	23/03/2010 13:37:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4333	23/03/2010 13:38:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4334	23/03/2010 13:38:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4335	23/03/2010 13:38:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4336	23/03/2010 13:38:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4337	23/03/2010 13:38:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4338	23/03/2010 13:38:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4339	23/03/2010 13:38:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4340	23/03/2010 13:38:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4341	23/03/2010 13:38:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4342	23/03/2010 13:39:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4343	23/03/2010 13:39:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4344	23/03/2010 13:39:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4345	23/03/2010 13:39:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4346	23/03/2010 13:39:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4347	23/03/2010 13:39:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4348	23/03/2010 13:39:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4349	23/03/2010 13:39:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4350	23/03/2010 13:39:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4351	23/03/2010 13:40:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4352	23/03/2010 13:40:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4353	23/03/2010 13:40:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4354	23/03/2010 13:40:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.5A
4355	23/03/2010 13:40:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4356	23/03/2010 13:40:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4357	23/03/2010 13:40:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4358	23/03/2010 13:40:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4359	23/03/2010 13:40:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4360	23/03/2010 13:41:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4361	23/03/2010 13:41:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4362	23/03/2010 13:41:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4363	23/03/2010 13:41:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4364	23/03/2010 13:41:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4365	23/03/2010 13:41:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4366	23/03/2010 13:41:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4367	23/03/2010 13:41:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4368	23/03/2010 13:41:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4369	23/03/2010 13:42:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4370	23/03/2010 13:42:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4371	23/03/2010 13:42:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4372	23/03/2010 13:42:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4373	23/03/2010 13:42:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4374	23/03/2010 13:42:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4375	23/03/2010 13:42:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4376	23/03/2010 13:42:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4377	23/03/2010 13:42:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4378	23/03/2010 13:43:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4379	23/03/2010 13:43:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4380	23/03/2010 13:43:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4381	23/03/2010 13:43:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4382	23/03/2010 13:43:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4383	23/03/2010 13:43:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4384	23/03/2010 13:43:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4385	23/03/2010 13:43:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4386	23/03/2010 13:43:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4387	23/03/2010 13:43:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4388	23/03/2010 13:44:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4389	23/03/2010 13:44:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4390	23/03/2010 13:44:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4391	23/03/2010 13:44:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4392	23/03/2010 13:44:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4393	23/03/2010 13:44:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4394	23/03/2010 13:44:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4395	23/03/2010 13:44:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4396	23/03/2010 13:44:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4397	23/03/2010 13:45:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4398	23/03/2010 13:45:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4399	23/03/2010 13:45:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4400	23/03/2010 13:45:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4401	23/03/2010 13:45:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4402	23/03/2010 13:45:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4403	23/03/2010 13:45:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4404	23/03/2010 13:45:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4405	23/03/2010 13:45:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4406	23/03/2010 13:46:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4407	23/03/2010 13:46:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4408	23/03/2010 13:46:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4409	23/03/2010 13:46:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4410	23/03/2010 13:46:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4411	23/03/2010 13:46:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4412	23/03/2010 13:46:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4413	23/03/2010 13:46:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4414	23/03/2010 13:46:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4415	23/03/2010 13:47:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4416	23/03/2010 13:47:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4417	23/03/2010 13:47:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4418	23/03/2010 13:47:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4419	23/03/2010 13:47:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4420	23/03/2010 13:47:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4421	23/03/2010 13:47:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4422	23/03/2010 13:47:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4423	23/03/2010 13:47:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4424	23/03/2010 13:47:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4425	23/03/2010 13:48:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4426	23/03/2010 13:48:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4427	23/03/2010 13:48:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4428	23/03/2010 13:48:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4429	23/03/2010 13:48:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4430	23/03/2010 13:48:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4431	23/03/2010 13:48:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4432	23/03/2010 13:48:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4433	23/03/2010 13:48:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4434	23/03/2010 13:49:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4435	23/03/2010 13:49:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4436	23/03/2010 13:49:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4437	23/03/2010 13:49:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4438	23/03/2010 13:49:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4439	23/03/2010 13:49:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4440	23/03/2010 13:49:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4441	23/03/2010 13:49:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4442	23/03/2010 13:49:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4443	23/03/2010 13:50:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4444	23/03/2010 13:50:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.5A
4445	23/03/2010 13:50:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4446	23/03/2010 13:50:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4447	23/03/2010 13:50:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4448	23/03/2010 13:50:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4449	23/03/2010 13:50:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4450	23/03/2010 13:50:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4451	23/03/2010 13:50:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4452	23/03/2010 13:50:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4453	23/03/2010 13:51:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4454	23/03/2010 13:51:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4455	23/03/2010 13:51:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4456	23/03/2010 13:51:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4457	23/03/2010 13:51:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4458	23/03/2010 13:51:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4459	23/03/2010 13:51:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4460	23/03/2010 13:51:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4461	23/03/2010 13:51:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4462	23/03/2010 13:52:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4463	23/03/2010 13:52:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4464	23/03/2010 13:52:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4465	23/03/2010 13:52:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4466	23/03/2010 13:52:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4467	23/03/2010 13:52:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4468	23/03/2010 13:52:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4469	23/03/2010 13:52:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4470	23/03/2010 13:52:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4471	23/03/2010 13:53:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4472	23/03/2010 13:53:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4473	23/03/2010 13:53:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4474	23/03/2010 13:53:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4475	23/03/2010 13:53:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4476	23/03/2010 13:53:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4477	23/03/2010 13:53:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4478	23/03/2010 13:53:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4479	23/03/2010 13:53:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4480	23/03/2010 13:54:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4481	23/03/2010 13:54:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4482	23/03/2010 13:54:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4483	23/03/2010 13:54:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4484	23/03/2010 13:54:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4485	23/03/2010 13:54:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4486	23/03/2010 13:54:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4487	23/03/2010 13:54:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4488	23/03/2010 13:54:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4489	23/03/2010 13:54:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4490	23/03/2010 13:55:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4491	23/03/2010 13:55:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4492	23/03/2010 13:55:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4493	23/03/2010 13:55:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4494	23/03/2010 13:55:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4495	23/03/2010 13:55:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4496	23/03/2010 13:55:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4497	23/03/2010 13:55:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4498	23/03/2010 13:55:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4499	23/03/2010 13:56:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4500	23/03/2010 13:56:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4501	23/03/2010 13:56:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4502	23/03/2010 13:56:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4503	23/03/2010 13:56:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4504	23/03/2010 13:56:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4505	23/03/2010 13:56:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4506	23/03/2010 13:56:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4507	23/03/2010 13:56:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4508	23/03/2010 13:57:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4509	23/03/2010 13:57:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4510	23/03/2010 13:57:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4511	23/03/2010 13:57:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4512	23/03/2010 13:57:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4513	23/03/2010 13:57:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4514	23/03/2010 13:57:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4515	23/03/2010 13:57:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4516	23/03/2010 13:57:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4517	23/03/2010 13:58:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4518	23/03/2010 13:58:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4519	23/03/2010 13:58:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4520	23/03/2010 13:58:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4521	23/03/2010 13:58:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4522	23/03/2010 13:58:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4523	23/03/2010 13:58:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4524	23/03/2010 13:58:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4525	23/03/2010 13:58:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4526	23/03/2010 13:58:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4527	23/03/2010 13:59:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4528	23/03/2010 13:59:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4529	23/03/2010 13:59:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4530	23/03/2010 13:59:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4531	23/03/2010 13:59:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4532	23/03/2010 13:59:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4533	23/03/2010 13:59:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4534	23/03/2010 13:59:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4535	23/03/2010 13:59:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4536	23/03/2010 14:00:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4537	23/03/2010 14:00:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4538	23/03/2010 14:00:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4539	23/03/2010 14:00:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
4540	23/03/2010 14:00:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4541	23/03/2010 14:00:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4542	23/03/2010 14:00:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4543	23/03/2010 14:00:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4544	23/03/2010 14:00:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4545	23/03/2010 14:01:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4546	23/03/2010 14:01:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4547	23/03/2010 14:01:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4548	23/03/2010 14:01:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4549	23/03/2010 14:01:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4550	23/03/2010 14:01:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4551	23/03/2010 14:01:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4552	23/03/2010 14:01:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
4553	23/03/2010 14:02:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4554	23/03/2010 14:02:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4555	23/03/2010 14:02:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4556	23/03/2010 14:02:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4557	23/03/2010 14:02:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4558	23/03/2010 14:02:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4559	23/03/2010 14:02:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4560	23/03/2010 14:02:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4561	23/03/2010 14:02:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4562	23/03/2010 14:03:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4563	23/03/2010 14:03:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4564	23/03/2010 14:03:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4565	23/03/2010 14:03:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4566	23/03/2010 14:03:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4567	23/03/2010 14:03:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4568	23/03/2010 14:03:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4569	23/03/2010 14:03:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4570	23/03/2010 14:03:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4571	23/03/2010 14:04:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4572	23/03/2010 14:04:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4573	23/03/2010 14:04:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4574	23/03/2010 14:04:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4575	23/03/2010 14:04:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4576	23/03/2010 14:04:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4577	23/03/2010 14:04:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4578	23/03/2010 14:04:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4579	23/03/2010 14:04:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4580	23/03/2010 14:05:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4581	23/03/2010 14:05:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4582	23/03/2010 14:05:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4583	23/03/2010 14:05:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4584	23/03/2010 14:05:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4585	23/03/2010 14:05:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4586	23/03/2010 14:05:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4587	23/03/2010 14:05:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4588	23/03/2010 14:05:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4589	23/03/2010 14:06:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4590	23/03/2010 14:06:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4591	23/03/2010 14:06:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4592	23/03/2010 14:06:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4593	23/03/2010 14:06:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4594	23/03/2010 14:06:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4595	23/03/2010 14:06:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4596	23/03/2010 14:06:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4597	23/03/2010 14:06:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4598	23/03/2010 14:07:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4599	23/03/2010 14:07:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4600	23/03/2010 14:07:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4601	23/03/2010 14:07:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4602	23/03/2010 14:07:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4603	23/03/2010 14:07:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4604	23/03/2010 14:07:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4605	23/03/2010 14:07:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4606	23/03/2010 14:08:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4607	23/03/2010 14:08:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4608	23/03/2010 14:08:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4609	23/03/2010 14:08:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4610	23/03/2010 14:08:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4611	23/03/2010 14:08:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4612	23/03/2010 14:08:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4613	23/03/2010 14:08:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4614	23/03/2010 14:08:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4615	23/03/2010 14:09:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4616	23/03/2010 14:09:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4617	23/03/2010 14:09:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4618	23/03/2010 14:09:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4619	23/03/2010 14:09:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4620	23/03/2010 14:09:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4621	23/03/2010 14:09:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4622	23/03/2010 14:09:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4623	23/03/2010 14:09:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4624	23/03/2010 14:10:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4625	23/03/2010 14:10:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4626	23/03/2010 14:10:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4627	23/03/2010 14:10:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4628	23/03/2010 14:10:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4629	23/03/2010 14:10:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4630	23/03/2010 14:10:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4631	23/03/2010 14:10:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4632	23/03/2010 14:11:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4633	23/03/2010 14:11:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4634	23/03/2010 14:11:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4635	23/03/2010 14:11:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4636	23/03/2010 14:11:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4637	23/03/2010 14:11:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4638	23/03/2010 14:11:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4639	23/03/2010 14:11:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4640	23/03/2010 14:11:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4641	23/03/2010 14:12:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4642	23/03/2010 14:12:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4643	23/03/2010 14:12:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4644	23/03/2010 14:12:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4645	23/03/2010 14:12:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4646	23/03/2010 14:12:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4647	23/03/2010 14:12:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4648	23/03/2010 14:12:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4649	23/03/2010 14:12:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4650	23/03/2010 14:13:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4651	23/03/2010 14:13:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4652	23/03/2010 14:13:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4653	23/03/2010 14:13:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4654	23/03/2010 14:13:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4655	23/03/2010 14:13:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4656	23/03/2010 14:13:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4657	23/03/2010 14:13:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4658	23/03/2010 14:13:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4659	23/03/2010 14:14:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4660	23/03/2010 14:14:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4661	23/03/2010 14:14:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4662	23/03/2010 14:14:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4663	23/03/2010 14:14:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4664	23/03/2010 14:14:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4665	23/03/2010 14:14:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 95V) Current error (under current) expected 8.6A achieved peak 6.4A
4666	23/03/2010 14:14:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4667	23/03/2010 14:14:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4668	23/03/2010 14:15:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4669	23/03/2010 14:15:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4670	23/03/2010 14:15:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4671	23/03/2010 14:15:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4672	23/03/2010 14:15:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4673	23/03/2010 14:15:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4674	23/03/2010 14:15:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4675	23/03/2010 14:15:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4676	23/03/2010 14:16:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4677	23/03/2010 14:16:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4678	23/03/2010 14:16:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4679	23/03/2010 14:16:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4680	23/03/2010 14:16:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4681	23/03/2010 14:16:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4682	23/03/2010 14:16:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4683	23/03/2010 14:16:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4684	23/03/2010 14:16:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4685	23/03/2010 14:17:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4686	23/03/2010 14:17:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4687	23/03/2010 14:17:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4688	23/03/2010 14:17:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4689	23/03/2010 14:17:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4690	23/03/2010 14:17:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4691	23/03/2010 14:17:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4692	23/03/2010 14:17:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4693	23/03/2010 14:17:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4694	23/03/2010 14:18:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4695	23/03/2010 14:18:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4696	23/03/2010 14:18:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4697	23/03/2010 14:18:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4698	23/03/2010 14:18:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4699	23/03/2010 14:18:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4700	23/03/2010 14:18:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4701	23/03/2010 14:18:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4702	23/03/2010 14:18:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4703	23/03/2010 14:19:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4704	23/03/2010 14:19:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4705	23/03/2010 14:19:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4706	23/03/2010 14:19:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4707	23/03/2010 14:19:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4708	23/03/2010 14:19:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4709	23/03/2010 14:19:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4710	23/03/2010 14:19:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4711	23/03/2010 14:20:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4712	23/03/2010 14:20:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4713	23/03/2010 14:20:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4714	23/03/2010 14:20:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4715	23/03/2010 14:20:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4716	23/03/2010 14:20:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4717	23/03/2010 14:20:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4718	23/03/2010 14:20:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4719	23/03/2010 14:20:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4720	23/03/2010 14:21:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4721	23/03/2010 14:21:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4722	23/03/2010 14:21:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4723	23/03/2010 14:21:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4724	23/03/2010 14:21:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4725	23/03/2010 14:21:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4726	23/03/2010 14:21:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4727	23/03/2010 14:21:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4728	23/03/2010 14:21:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4729	23/03/2010 14:22:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4730	23/03/2010 14:22:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4731	23/03/2010 14:22:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4732	23/03/2010 14:22:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4733	23/03/2010 14:22:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4734	23/03/2010 14:22:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4735	23/03/2010 14:22:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4736	23/03/2010 14:22:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4737	23/03/2010 14:22:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4738	23/03/2010 14:23:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4739	23/03/2010 14:23:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4740	23/03/2010 14:23:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4741	23/03/2010 14:23:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4742	23/03/2010 14:23:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4743	23/03/2010 14:23:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4744	23/03/2010 14:23:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4745	23/03/2010 14:23:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4746	23/03/2010 14:23:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4747	23/03/2010 14:24:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4748	23/03/2010 14:24:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4749	23/03/2010 14:24:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4750	23/03/2010 14:24:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4751	23/03/2010 14:24:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4752	23/03/2010 14:24:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4753	23/03/2010 14:24:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4754	23/03/2010 14:24:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4755	23/03/2010 14:24:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4756	23/03/2010 14:25:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4757	23/03/2010 14:25:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4758	23/03/2010 14:25:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4759	23/03/2010 14:25:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4760	23/03/2010 14:25:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4761	23/03/2010 14:25:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4762	23/03/2010 14:25:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4763	23/03/2010 14:25:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4764	23/03/2010 14:26:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4765	23/03/2010 14:26:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4766	23/03/2010 14:26:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4767	23/03/2010 14:26:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4768	23/03/2010 14:26:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4769	23/03/2010 14:26:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4770	23/03/2010 14:26:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4771	23/03/2010 14:26:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4772	23/03/2010 14:26:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4773	23/03/2010 14:27:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4774	23/03/2010 14:27:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4775	23/03/2010 14:27:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4776	23/03/2010 14:27:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4777	23/03/2010 14:27:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4778	23/03/2010 14:27:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4779	23/03/2010 14:27:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4780	23/03/2010 14:27:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4781	23/03/2010 14:27:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4782	23/03/2010 14:28:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4783	23/03/2010 14:28:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4784	23/03/2010 14:28:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4785	23/03/2010 14:28:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4786	23/03/2010 14:28:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4787	23/03/2010 14:28:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4788	23/03/2010 14:28:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4789	23/03/2010 14:28:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4790	23/03/2010 14:28:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4791	23/03/2010 14:29:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4792	23/03/2010 14:29:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4793	23/03/2010 14:29:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4794	23/03/2010 14:29:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4795	23/03/2010 14:29:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4796	23/03/2010 14:29:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4797	23/03/2010 14:29:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4798	23/03/2010 14:29:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4799	23/03/2010 14:29:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4800	23/03/2010 14:30:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4801	23/03/2010 14:30:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4802	23/03/2010 14:30:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4803	23/03/2010 14:30:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
4804	23/03/2010 14:30:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4805	23/03/2010 14:30:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4806	23/03/2010 14:30:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4807	23/03/2010 14:30:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4808	23/03/2010 14:31:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4809	23/03/2010 14:31:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4810	23/03/2010 14:31:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4811	23/03/2010 14:31:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4812	23/03/2010 14:31:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4813	23/03/2010 14:31:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4814	23/03/2010 14:31:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4815	23/03/2010 14:31:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4816	23/03/2010 14:31:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4817	23/03/2010 14:32:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4818	23/03/2010 14:32:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4819	23/03/2010 14:32:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4820	23/03/2010 14:32:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4821	23/03/2010 14:32:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4822	23/03/2010 14:32:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4823	23/03/2010 14:32:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4824	23/03/2010 14:32:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4825	23/03/2010 14:32:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4826	23/03/2010 14:33:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4827	23/03/2010 14:33:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4828	23/03/2010 14:33:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4829	23/03/2010 14:33:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4830	23/03/2010 14:33:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4831	23/03/2010 14:33:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4832	23/03/2010 14:33:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4833	23/03/2010 14:33:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4834	23/03/2010 14:33:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4835	23/03/2010 14:34:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4836	23/03/2010 14:34:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
4837	23/03/2010 14:34:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4838	23/03/2010 14:34:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4839	23/03/2010 14:34:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4840	23/03/2010 14:34:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4841	23/03/2010 14:34:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4842	23/03/2010 14:34:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4843	23/03/2010 14:34:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4844	23/03/2010 14:35:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4845	23/03/2010 14:35:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4846	23/03/2010 14:35:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4847	23/03/2010 14:35:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4848	23/03/2010 14:35:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4849	23/03/2010 14:35:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4850	23/03/2010 14:35:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4851	23/03/2010 14:35:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4852	23/03/2010 14:35:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4853	23/03/2010 14:36:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4854	23/03/2010 14:36:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4855	23/03/2010 14:36:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4856	23/03/2010 14:36:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4857	23/03/2010 14:36:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4858	23/03/2010 14:36:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4859	23/03/2010 14:36:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4860	23/03/2010 14:36:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4861	23/03/2010 14:37:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4862	23/03/2010 14:37:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4863	23/03/2010 14:37:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4864	23/03/2010 14:37:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4865	23/03/2010 14:37:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4866	23/03/2010 14:37:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4867	23/03/2010 14:37:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4868	23/03/2010 14:37:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4869	23/03/2010 14:37:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4870	23/03/2010 14:38:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4871	23/03/2010 14:38:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4872	23/03/2010 14:38:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4873	23/03/2010 14:38:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4874	23/03/2010 14:38:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4875	23/03/2010 14:38:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4876	23/03/2010 14:38:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4877	23/03/2010 14:38:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4878	23/03/2010 14:38:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4879	23/03/2010 14:39:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4880	23/03/2010 14:39:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4881	23/03/2010 14:39:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4882	23/03/2010 14:39:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4883	23/03/2010 14:39:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4884	23/03/2010 14:39:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4885	23/03/2010 14:39:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4886	23/03/2010 14:39:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4887	23/03/2010 14:39:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4888	23/03/2010 14:40:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4889	23/03/2010 14:40:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4890	23/03/2010 14:40:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4891	23/03/2010 14:40:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4892	23/03/2010 14:40:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4893	23/03/2010 14:40:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4894	23/03/2010 14:40:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4895	23/03/2010 14:40:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4896	23/03/2010 14:41:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4897	23/03/2010 14:41:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4898	23/03/2010 14:41:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4899	23/03/2010 14:41:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4900	23/03/2010 14:41:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4901	23/03/2010 14:41:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4902	23/03/2010 14:41:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4903	23/03/2010 14:41:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4904	23/03/2010 14:41:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4905	23/03/2010 14:42:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4906	23/03/2010 14:42:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4907	23/03/2010 14:42:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
4908	23/03/2010 14:42:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4909	23/03/2010 14:42:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4910	23/03/2010 14:42:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4911	23/03/2010 14:42:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4912	23/03/2010 14:42:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4913	23/03/2010 14:42:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4914	23/03/2010 14:43:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4915	23/03/2010 14:43:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4916	23/03/2010 14:43:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4917	23/03/2010 14:43:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4918	23/03/2010 14:43:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4919	23/03/2010 14:43:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4920	23/03/2010 14:43:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4921	23/03/2010 14:43:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4922	23/03/2010 14:43:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4923	23/03/2010 14:44:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4924	23/03/2010 14:44:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4925	23/03/2010 14:44:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4926	23/03/2010 14:44:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4927	23/03/2010 14:44:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4928	23/03/2010 14:44:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4929	23/03/2010 14:44:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4930	23/03/2010 14:44:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4931	23/03/2010 14:44:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4932	23/03/2010 14:45:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4933	23/03/2010 14:45:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4934	23/03/2010 14:45:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4935	23/03/2010 14:45:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4936	23/03/2010 14:45:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4937	23/03/2010 14:45:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4938	23/03/2010 14:45:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4939	23/03/2010 14:45:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4940	23/03/2010 14:46:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4941	23/03/2010 14:46:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4942	23/03/2010 14:46:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4943	23/03/2010 14:46:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4944	23/03/2010 14:46:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4945	23/03/2010 14:46:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4946	23/03/2010 14:46:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4947	23/03/2010 14:46:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4948	23/03/2010 14:46:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4949	23/03/2010 14:47:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4950	23/03/2010 14:47:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4951	23/03/2010 14:47:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4952	23/03/2010 14:47:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4953	23/03/2010 14:47:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
4954	23/03/2010 14:47:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4955	23/03/2010 14:47:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4956	23/03/2010 14:47:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4957	23/03/2010 14:47:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4958	23/03/2010 14:48:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4959	23/03/2010 14:48:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4960	23/03/2010 14:48:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4961	23/03/2010 14:48:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4962	23/03/2010 14:48:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4963	23/03/2010 14:48:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4964	23/03/2010 14:48:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4965	23/03/2010 14:48:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4966	23/03/2010 14:48:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4967	23/03/2010 14:49:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4968	23/03/2010 14:49:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4969	23/03/2010 14:49:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4970	23/03/2010 14:49:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4971	23/03/2010 14:49:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4972	23/03/2010 14:49:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4973	23/03/2010 14:49:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4974	23/03/2010 14:49:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4975	23/03/2010 14:49:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4976	23/03/2010 14:50:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4977	23/03/2010 14:50:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4978	23/03/2010 14:50:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4979	23/03/2010 14:50:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4980	23/03/2010 14:50:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4981	23/03/2010 14:50:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4982	23/03/2010 14:50:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4983	23/03/2010 14:50:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4984	23/03/2010 14:51:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4985	23/03/2010 14:51:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4986	23/03/2010 14:51:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
4987	23/03/2010 14:51:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4988	23/03/2010 14:51:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4989	23/03/2010 14:51:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4990	23/03/2010 14:51:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
4991	23/03/2010 14:51:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4992	23/03/2010 14:51:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
4993	23/03/2010 14:52:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4994	23/03/2010 14:52:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
4995	23/03/2010 14:52:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
4996	23/03/2010 14:52:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
4997	23/03/2010 14:52:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4998	23/03/2010 14:52:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
4999	23/03/2010 14:52:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5000	23/03/2010 14:52:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5001	23/03/2010 14:52:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5002	23/03/2010 14:53:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5003	23/03/2010 14:53:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5004	23/03/2010 14:53:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5005	23/03/2010 14:53:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5006	23/03/2010 14:53:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5007	23/03/2010 14:53:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5008	23/03/2010 14:53:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5009	23/03/2010 14:53:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5010	23/03/2010 14:53:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5011	23/03/2010 14:54:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5012	23/03/2010 14:54:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
5013	23/03/2010 14:54:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5014	23/03/2010 14:54:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5015	23/03/2010 14:54:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5016	23/03/2010 14:54:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5017	23/03/2010 14:54:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5018	23/03/2010 14:54:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5019	23/03/2010 14:54:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5020	23/03/2010 14:55:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5021	23/03/2010 14:55:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5022	23/03/2010 14:55:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5023	23/03/2010 14:55:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5024	23/03/2010 14:55:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5025	23/03/2010 14:55:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5026	23/03/2010 14:55:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5027	23/03/2010 14:55:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5028	23/03/2010 14:55:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5029	23/03/2010 14:56:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5030	23/03/2010 14:56:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5031	23/03/2010 14:56:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5032	23/03/2010 14:56:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5033	23/03/2010 14:56:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5034	23/03/2010 14:56:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5035	23/03/2010 14:56:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5036	23/03/2010 14:56:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5037	23/03/2010 14:56:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5038	23/03/2010 14:57:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5039	23/03/2010 14:57:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5040	23/03/2010 14:57:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5041	23/03/2010 14:57:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5042	23/03/2010 14:57:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5043	23/03/2010 14:57:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5044	23/03/2010 14:57:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5045	23/03/2010 14:57:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5046	23/03/2010 14:58:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5047	23/03/2010 14:58:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5048	23/03/2010 14:58:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5049	23/03/2010 14:58:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5050	23/03/2010 14:58:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5051	23/03/2010 14:58:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5052	23/03/2010 14:58:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5053	23/03/2010 14:58:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5054	23/03/2010 14:58:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5055	23/03/2010 14:59:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5056	23/03/2010 14:59:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5057	23/03/2010 14:59:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5058	23/03/2010 14:59:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5059	23/03/2010 14:59:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5060	23/03/2010 14:59:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5061	23/03/2010 14:59:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5062	23/03/2010 14:59:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5063	23/03/2010 14:59:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5064	23/03/2010 15:00:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5065	23/03/2010 15:00:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5066	23/03/2010 15:00:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5067	23/03/2010 15:00:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5068	23/03/2010 15:00:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5069	23/03/2010 15:00:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5070	23/03/2010 15:00:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 95V) Current error (under current) expected 8.6A achieved peak 6.4A
5071	23/03/2010 15:00:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5072	23/03/2010 15:00:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5073	23/03/2010 15:01:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
5074	23/03/2010 15:01:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5075	23/03/2010 15:01:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5076	23/03/2010 15:01:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5077	23/03/2010 15:01:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
5078	23/03/2010 15:01:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5079	23/03/2010 15:01:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5080	23/03/2010 15:01:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5081	23/03/2010 15:02:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5082	23/03/2010 15:02:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5083	23/03/2010 15:02:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5084	23/03/2010 15:02:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5085	23/03/2010 15:02:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5086	23/03/2010 15:02:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5087	23/03/2010 15:02:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5088	23/03/2010 15:02:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5089	23/03/2010 15:02:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5090	23/03/2010 15:03:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5091	23/03/2010 15:03:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5092	23/03/2010 15:03:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5093	23/03/2010 15:03:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5094	23/03/2010 15:03:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5095	23/03/2010 15:03:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5096	23/03/2010 15:03:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5097	23/03/2010 15:03:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5098	23/03/2010 15:03:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5099	23/03/2010 15:04:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5100	23/03/2010 15:04:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5101	23/03/2010 15:04:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5102	23/03/2010 15:04:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5103	23/03/2010 15:04:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5104	23/03/2010 15:04:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5105	23/03/2010 15:04:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5106	23/03/2010 15:04:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5107	23/03/2010 15:04:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5108	23/03/2010 15:05:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5109	23/03/2010 15:05:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5110	23/03/2010 15:05:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5111	23/03/2010 15:05:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5112	23/03/2010 15:05:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5113	23/03/2010 15:05:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5114	23/03/2010 15:05:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5115	23/03/2010 15:05:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5116	23/03/2010 15:06:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5117	23/03/2010 15:06:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5118	23/03/2010 15:06:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
5119	23/03/2010 15:06:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5120	23/03/2010 15:06:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5121	23/03/2010 15:06:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5122	23/03/2010 15:06:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5123	23/03/2010 15:06:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5124	23/03/2010 15:06:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5125	23/03/2010 15:07:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5126	23/03/2010 15:07:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5127	23/03/2010 15:07:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5128	23/03/2010 15:07:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5129	23/03/2010 15:07:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5130	23/03/2010 15:07:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5131	23/03/2010 15:07:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5132	23/03/2010 15:07:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5133	23/03/2010 15:07:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5134	23/03/2010 15:08:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5135	23/03/2010 15:08:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5136	23/03/2010 15:08:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5137	23/03/2010 15:08:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5138	23/03/2010 15:08:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5139	23/03/2010 15:08:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5140	23/03/2010 15:08:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5141	23/03/2010 15:08:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5142	23/03/2010 15:08:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5143	23/03/2010 15:09:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5144	23/03/2010 15:09:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
5145	23/03/2010 15:09:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5146	23/03/2010 15:09:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5147	23/03/2010 15:09:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5148	23/03/2010 15:09:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5149	23/03/2010 15:09:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5150	23/03/2010 15:09:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5151	23/03/2010 15:10:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5152	23/03/2010 15:10:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5153	23/03/2010 15:10:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5154	23/03/2010 15:10:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5155	23/03/2010 15:10:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5156	23/03/2010 15:10:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5157	23/03/2010 15:10:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5158	23/03/2010 15:10:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
5159	23/03/2010 15:10:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5160	23/03/2010 15:11:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5161	23/03/2010 15:11:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5162	23/03/2010 15:11:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5163	23/03/2010 15:11:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5164	23/03/2010 15:11:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5165	23/03/2010 15:11:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5166	23/03/2010 15:11:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5167	23/03/2010 15:11:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5168	23/03/2010 15:11:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5169	23/03/2010 15:12:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5170	23/03/2010 15:12:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5171	23/03/2010 15:12:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5172	23/03/2010 15:12:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5173	23/03/2010 15:12:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5174	23/03/2010 15:12:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5175	23/03/2010 15:12:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5176	23/03/2010 15:12:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5177	23/03/2010 15:12:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5178	23/03/2010 15:13:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5179	23/03/2010 15:13:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5180	23/03/2010 15:13:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5181	23/03/2010 15:13:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5182	23/03/2010 15:13:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5183	23/03/2010 15:13:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5184	23/03/2010 15:13:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5185	23/03/2010 15:13:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5186	23/03/2010 15:13:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5187	23/03/2010 15:14:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5188	23/03/2010 15:14:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5189	23/03/2010 15:14:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5190	23/03/2010 15:14:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5191	23/03/2010 15:14:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5192	23/03/2010 15:14:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5193	23/03/2010 15:14:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5194	23/03/2010 15:14:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5195	23/03/2010 15:15:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5196	23/03/2010 15:15:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5197	23/03/2010 15:15:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5198	23/03/2010 15:15:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5199	23/03/2010 15:15:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5200	23/03/2010 15:15:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5201	23/03/2010 15:15:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5202	23/03/2010 15:15:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5203	23/03/2010 15:15:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5204	23/03/2010 15:16:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5205	23/03/2010 15:16:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5206	23/03/2010 15:16:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5207	23/03/2010 15:16:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5208	23/03/2010 15:16:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5209	23/03/2010 15:16:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5210	23/03/2010 15:16:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5211	23/03/2010 15:16:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5212	23/03/2010 15:16:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5213	23/03/2010 15:17:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5214	23/03/2010 15:17:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5215	23/03/2010 15:17:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5216	23/03/2010 15:17:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5217	23/03/2010 15:17:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5218	23/03/2010 15:17:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5219	23/03/2010 15:17:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5220	23/03/2010 15:17:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5221	23/03/2010 15:17:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5222	23/03/2010 15:18:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5223	23/03/2010 15:18:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5224	23/03/2010 15:18:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
5225	23/03/2010 15:18:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5226	23/03/2010 15:18:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5227	23/03/2010 15:18:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5228	23/03/2010 15:18:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5229	23/03/2010 15:18:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5230	23/03/2010 15:18:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5231	23/03/2010 15:19:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5232	23/03/2010 15:19:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5233	23/03/2010 15:19:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5234	23/03/2010 15:19:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5235	23/03/2010 15:19:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5236	23/03/2010 15:19:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5237	23/03/2010 15:19:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5238	23/03/2010 15:19:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5239	23/03/2010 15:20:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5240	23/03/2010 15:20:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5241	23/03/2010 15:20:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5242	23/03/2010 15:20:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5243	23/03/2010 15:20:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5244	23/03/2010 15:20:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5245	23/03/2010 15:20:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5246	23/03/2010 15:20:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5247	23/03/2010 15:20:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5248	23/03/2010 15:21:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5249	23/03/2010 15:21:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5250	23/03/2010 15:21:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5251	23/03/2010 15:21:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5252	23/03/2010 15:21:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5253	23/03/2010 15:21:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5254	23/03/2010 15:21:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5255	23/03/2010 15:21:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5256	23/03/2010 15:21:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5257	23/03/2010 15:22:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5258	23/03/2010 15:22:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5259	23/03/2010 15:22:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5260	23/03/2010 15:22:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5261	23/03/2010 15:22:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
5262	23/03/2010 15:22:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5263	23/03/2010 15:22:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5264	23/03/2010 15:22:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5265	23/03/2010 15:22:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5266	23/03/2010 15:23:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5267	23/03/2010 15:23:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5268	23/03/2010 15:23:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5269	23/03/2010 15:23:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5270	23/03/2010 15:23:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5271	23/03/2010 15:23:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5272	23/03/2010 15:23:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5273	23/03/2010 15:23:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5274	23/03/2010 15:24:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5275	23/03/2010 15:24:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5276	23/03/2010 15:24:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5277	23/03/2010 15:24:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5278	23/03/2010 15:24:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5279	23/03/2010 15:24:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5280	23/03/2010 15:24:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5281	23/03/2010 15:24:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5282	23/03/2010 15:24:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5283	23/03/2010 15:25:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5284	23/03/2010 15:25:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5285	23/03/2010 15:25:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5286	23/03/2010 15:25:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5287	23/03/2010 15:25:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5288	23/03/2010 15:25:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5289	23/03/2010 15:25:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5290	23/03/2010 15:25:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5291	23/03/2010 15:25:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5292	23/03/2010 15:26:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5293	23/03/2010 15:26:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5294	23/03/2010 15:26:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5295	23/03/2010 15:26:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5296	23/03/2010 15:26:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5297	23/03/2010 15:26:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5298	23/03/2010 15:26:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5299	23/03/2010 15:26:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5300	23/03/2010 15:26:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5301	23/03/2010 15:27:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5302	23/03/2010 15:27:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5303	23/03/2010 15:27:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5304	23/03/2010 15:27:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5305	23/03/2010 15:27:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5306	23/03/2010 15:27:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5307	23/03/2010 15:27:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5308	23/03/2010 15:27:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5309	23/03/2010 15:27:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5310	23/03/2010 15:28:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5311	23/03/2010 15:28:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5312	23/03/2010 15:28:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5313	23/03/2010 15:28:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5314	23/03/2010 15:28:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5315	23/03/2010 15:28:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5316	23/03/2010 15:28:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5317	23/03/2010 15:28:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5318	23/03/2010 15:28:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5319	23/03/2010 15:29:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5320	23/03/2010 15:29:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5321	23/03/2010 15:29:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5322	23/03/2010 15:29:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5323	23/03/2010 15:29:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5324	23/03/2010 15:29:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5325	23/03/2010 15:29:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5326	23/03/2010 15:29:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5327	23/03/2010 15:29:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5328	23/03/2010 15:30:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5329	23/03/2010 15:30:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5330	23/03/2010 15:30:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5331	23/03/2010 15:30:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5332	23/03/2010 15:30:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5333	23/03/2010 15:30:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5334	23/03/2010 15:30:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5335	23/03/2010 15:30:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5336	23/03/2010 15:30:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5337	23/03/2010 15:31:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5338	23/03/2010 15:31:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5339	23/03/2010 15:31:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5340	23/03/2010 15:31:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5341	23/03/2010 15:31:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5342	23/03/2010 15:31:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5343	23/03/2010 15:31:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5344	23/03/2010 15:31:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5345	23/03/2010 15:32:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5346	23/03/2010 15:32:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5347	23/03/2010 15:32:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5348	23/03/2010 15:32:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5349	23/03/2010 15:32:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5350	23/03/2010 15:32:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5351	23/03/2010 15:32:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5352	23/03/2010 15:32:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5353	23/03/2010 15:32:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5354	23/03/2010 15:33:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5355	23/03/2010 15:33:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5356	23/03/2010 15:33:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5357	23/03/2010 15:33:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5358	23/03/2010 15:33:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5359	23/03/2010 15:33:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5360	23/03/2010 15:33:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5361	23/03/2010 15:33:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5362	23/03/2010 15:33:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
5363	23/03/2010 15:34:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5364	23/03/2010 15:34:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5365	23/03/2010 15:34:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5366	23/03/2010 15:34:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5367	23/03/2010 15:34:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5368	23/03/2010 15:34:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5369	23/03/2010 15:34:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5370	23/03/2010 15:34:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5371	23/03/2010 15:34:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5372	23/03/2010 15:35:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5373	23/03/2010 15:35:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5374	23/03/2010 15:35:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5375	23/03/2010 15:35:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5376	23/03/2010 15:35:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5377	23/03/2010 15:35:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5378	23/03/2010 15:35:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5379	23/03/2010 15:35:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5380	23/03/2010 15:35:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5381	23/03/2010 15:36:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5382	23/03/2010 15:36:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5383	23/03/2010 15:36:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5384	23/03/2010 15:36:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5385	23/03/2010 15:36:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5386	23/03/2010 15:36:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5387	23/03/2010 15:36:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5388	23/03/2010 15:36:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5389	23/03/2010 15:37:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5390	23/03/2010 15:37:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5391	23/03/2010 15:37:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
5392	23/03/2010 15:37:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5393	23/03/2010 15:37:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5394	23/03/2010 15:37:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5395	23/03/2010 15:37:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5396	23/03/2010 15:37:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5397	23/03/2010 15:37:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5398	23/03/2010 15:38:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5399	23/03/2010 15:38:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5400	23/03/2010 15:38:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5401	23/03/2010 15:38:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5402	23/03/2010 15:38:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5403	23/03/2010 15:38:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5404	23/03/2010 15:38:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5405	23/03/2010 15:38:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5406	23/03/2010 15:39:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5407	23/03/2010 15:39:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5408	23/03/2010 15:39:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5409	23/03/2010 15:39:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5410	23/03/2010 15:39:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5411	23/03/2010 15:39:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5412	23/03/2010 15:39:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5413	23/03/2010 15:39:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5414	23/03/2010 15:40:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5415	23/03/2010 15:40:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5416	23/03/2010 15:40:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5417	23/03/2010 15:40:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5418	23/03/2010 15:40:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5419	23/03/2010 15:40:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5420	23/03/2010 15:40:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5421	23/03/2010 15:40:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5422	23/03/2010 15:40:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5423	23/03/2010 15:41:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5424	23/03/2010 15:41:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5425	23/03/2010 15:41:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5426	23/03/2010 15:41:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5427	23/03/2010 15:41:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5428	23/03/2010 15:41:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5429	23/03/2010 15:41:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5430	23/03/2010 15:41:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5431	23/03/2010 15:42:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5432	23/03/2010 15:42:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5433	23/03/2010 15:42:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5434	23/03/2010 15:42:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5435	23/03/2010 15:42:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5436	23/03/2010 15:42:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5437	23/03/2010 15:42:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5438	23/03/2010 15:42:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5439	23/03/2010 15:43:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5440	23/03/2010 15:43:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5441	23/03/2010 15:43:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5442	23/03/2010 15:43:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5443	23/03/2010 15:43:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5444	23/03/2010 15:43:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5445	23/03/2010 15:43:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5446	23/03/2010 15:43:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5447	23/03/2010 15:44:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5448	23/03/2010 15:44:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5449	23/03/2010 15:44:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5450	23/03/2010 15:44:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5451	23/03/2010 15:44:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5452	23/03/2010 15:44:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5453	23/03/2010 15:44:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5454	23/03/2010 15:44:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5455	23/03/2010 15:44:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5456	23/03/2010 15:45:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5457	23/03/2010 15:45:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5458	23/03/2010 15:45:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5459	23/03/2010 15:45:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5460	23/03/2010 15:45:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5461	23/03/2010 15:45:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5462	23/03/2010 15:45:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5463	23/03/2010 15:45:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5464	23/03/2010 15:46:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5465	23/03/2010 15:46:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5466	23/03/2010 15:46:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5467	23/03/2010 15:46:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5468	23/03/2010 15:46:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5469	23/03/2010 15:46:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5470	23/03/2010 15:46:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5471	23/03/2010 15:46:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5472	23/03/2010 15:47:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5473	23/03/2010 15:47:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5474	23/03/2010 15:47:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5475	23/03/2010 15:47:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5476	23/03/2010 15:47:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5477	23/03/2010 15:47:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5478	23/03/2010 15:47:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5479	23/03/2010 15:47:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5480	23/03/2010 15:47:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5481	23/03/2010 15:48:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5482	23/03/2010 15:48:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5483	23/03/2010 15:48:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5484	23/03/2010 15:48:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5485	23/03/2010 15:48:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5486	23/03/2010 15:48:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5487	23/03/2010 15:48:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5488	23/03/2010 15:48:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5489	23/03/2010 15:49:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5490	23/03/2010 15:49:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5491	23/03/2010 15:49:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5492	23/03/2010 15:49:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5493	23/03/2010 15:49:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5494	23/03/2010 15:49:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5495	23/03/2010 15:49:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5496	23/03/2010 15:49:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5497	23/03/2010 15:50:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5498	23/03/2010 15:50:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5499	23/03/2010 15:50:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5500	23/03/2010 15:50:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5501	23/03/2010 15:50:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5502	23/03/2010 15:50:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5503	23/03/2010 15:50:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5504	23/03/2010 15:50:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5505	23/03/2010 15:51:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5506	23/03/2010 15:51:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5507	23/03/2010 15:51:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5508	23/03/2010 15:51:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5509	23/03/2010 15:51:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5510	23/03/2010 15:51:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5511	23/03/2010 15:51:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5512	23/03/2010 15:51:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5513	23/03/2010 15:51:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5514	23/03/2010 15:52:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5515	23/03/2010 15:52:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5516	23/03/2010 15:52:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5517	23/03/2010 15:52:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5518	23/03/2010 15:52:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
5519	23/03/2010 15:52:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5520	23/03/2010 15:52:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5521	23/03/2010 15:52:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5522	23/03/2010 15:53:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5523	23/03/2010 15:53:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5524	23/03/2010 15:53:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5525	23/03/2010 15:53:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5526	23/03/2010 15:53:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5527	23/03/2010 15:53:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5528	23/03/2010 15:53:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5529	23/03/2010 15:53:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5530	23/03/2010 15:53:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5531	23/03/2010 15:54:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5532	23/03/2010 15:54:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5533	23/03/2010 15:54:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5534	23/03/2010 15:54:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5535	23/03/2010 15:54:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5536	23/03/2010 15:54:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5537	23/03/2010 15:54:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5538	23/03/2010 15:54:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5539	23/03/2010 15:55:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5540	23/03/2010 15:55:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5541	23/03/2010 15:55:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5542	23/03/2010 15:55:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5543	23/03/2010 15:55:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
5544	23/03/2010 15:55:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5545	23/03/2010 15:55:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5546	23/03/2010 15:55:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5547	23/03/2010 15:56:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5548	23/03/2010 15:56:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5549	23/03/2010 15:56:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5550	23/03/2010 15:56:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5551	23/03/2010 15:56:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5552	23/03/2010 15:56:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5553	23/03/2010 15:56:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5554	23/03/2010 15:56:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5555	23/03/2010 15:56:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5556	23/03/2010 15:57:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
5557	23/03/2010 15:57:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5558	23/03/2010 15:57:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5559	23/03/2010 15:57:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5560	23/03/2010 15:57:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5561	23/03/2010 15:57:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5562	23/03/2010 15:57:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5563	23/03/2010 15:57:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5564	23/03/2010 15:58:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5565	23/03/2010 15:58:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5566	23/03/2010 15:58:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5567	23/03/2010 15:58:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5568	23/03/2010 15:58:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5569	23/03/2010 15:58:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5570	23/03/2010 15:58:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5571	23/03/2010 15:58:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5572	23/03/2010 15:59:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5573	23/03/2010 15:59:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5574	23/03/2010 15:59:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5575	23/03/2010 15:59:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5576	23/03/2010 15:59:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5577	23/03/2010 15:59:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5578	23/03/2010 15:59:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5579	23/03/2010 15:59:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5580	23/03/2010 15:59:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5581	23/03/2010 16:00:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5582	23/03/2010 16:00:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5583	23/03/2010 16:00:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5584	23/03/2010 16:00:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5585	23/03/2010 16:00:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5586	23/03/2010 16:00:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5587	23/03/2010 16:00:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5588	23/03/2010 16:00:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5589	23/03/2010 16:01:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5590	23/03/2010 16:01:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5591	23/03/2010 16:01:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5592	23/03/2010 16:01:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5593	23/03/2010 16:01:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5594	23/03/2010 16:01:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5595	23/03/2010 16:01:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5596	23/03/2010 16:01:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5597	23/03/2010 16:02:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5598	23/03/2010 16:02:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5599	23/03/2010 16:02:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5600	23/03/2010 16:02:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5601	23/03/2010 16:02:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5602	23/03/2010 16:02:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5603	23/03/2010 16:02:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5604	23/03/2010 16:02:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5605	23/03/2010 16:02:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5606	23/03/2010 16:03:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5607	23/03/2010 16:03:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5608	23/03/2010 16:03:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5609	23/03/2010 16:03:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5610	23/03/2010 16:03:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5611	23/03/2010 16:03:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5612	23/03/2010 16:03:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5613	23/03/2010 16:03:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5614	23/03/2010 16:04:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5615	23/03/2010 16:04:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5616	23/03/2010 16:04:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5617	23/03/2010 16:04:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5618	23/03/2010 16:04:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5619	23/03/2010 16:04:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5620	23/03/2010 16:04:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5621	23/03/2010 16:04:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5622	23/03/2010 16:05:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5623	23/03/2010 16:05:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5624	23/03/2010 16:05:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5625	23/03/2010 16:05:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5626	23/03/2010 16:05:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5627	23/03/2010 16:05:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5628	23/03/2010 16:05:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5629	23/03/2010 16:05:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5630	23/03/2010 16:05:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5631	23/03/2010 16:06:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5632	23/03/2010 16:06:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5633	23/03/2010 16:06:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5634	23/03/2010 16:06:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5635	23/03/2010 16:06:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5636	23/03/2010 16:06:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5637	23/03/2010 16:06:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5638	23/03/2010 16:06:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5639	23/03/2010 16:07:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5640	23/03/2010 16:07:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5641	23/03/2010 16:07:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5642	23/03/2010 16:07:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5643	23/03/2010 16:07:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5644	23/03/2010 16:07:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5645	23/03/2010 16:07:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5646	23/03/2010 16:07:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5647	23/03/2010 16:08:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5648	23/03/2010 16:08:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5649	23/03/2010 16:08:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5650	23/03/2010 16:08:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5651	23/03/2010 16:08:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5652	23/03/2010 16:08:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5653	23/03/2010 16:08:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5654	23/03/2010 16:08:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5655	23/03/2010 16:08:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5656	23/03/2010 16:09:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5657	23/03/2010 16:09:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5658	23/03/2010 16:09:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5659	23/03/2010 16:09:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5660	23/03/2010 16:09:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5661	23/03/2010 16:09:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5662	23/03/2010 16:09:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5663	23/03/2010 16:09:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5664	23/03/2010 16:10:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5665	23/03/2010 16:10:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5666	23/03/2010 16:10:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5667	23/03/2010 16:10:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5668	23/03/2010 16:10:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5669	23/03/2010 16:10:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5670	23/03/2010 16:10:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5671	23/03/2010 16:10:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5672	23/03/2010 16:11:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5673	23/03/2010 16:11:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5674	23/03/2010 16:11:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5675	23/03/2010 16:11:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5676	23/03/2010 16:11:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5677	23/03/2010 16:11:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5678	23/03/2010 16:11:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5679	23/03/2010 16:11:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5680	23/03/2010 16:12:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5681	23/03/2010 16:12:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5682	23/03/2010 16:12:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5683	23/03/2010 16:12:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5684	23/03/2010 16:12:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5685	23/03/2010 16:12:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5686	23/03/2010 16:12:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5687	23/03/2010 16:12:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5688	23/03/2010 16:13:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5689	23/03/2010 16:13:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5690	23/03/2010 16:13:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5691	23/03/2010 16:13:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5692	23/03/2010 16:13:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5693	23/03/2010 16:13:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5694	23/03/2010 16:13:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5695	23/03/2010 16:13:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5696	23/03/2010 16:13:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5697	23/03/2010 16:14:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5698	23/03/2010 16:14:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5699	23/03/2010 16:14:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5700	23/03/2010 16:14:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5701	23/03/2010 16:14:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5702	23/03/2010 16:14:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5703	23/03/2010 16:14:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5704	23/03/2010 16:14:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5705	23/03/2010 16:15:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5706	23/03/2010 16:15:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5707	23/03/2010 16:15:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5708	23/03/2010 16:15:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5709	23/03/2010 16:15:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5710	23/03/2010 16:15:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5711	23/03/2010 16:15:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5712	23/03/2010 16:15:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5713	23/03/2010 16:16:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5714	23/03/2010 16:16:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5715	23/03/2010 16:16:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5716	23/03/2010 16:16:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5717	23/03/2010 16:16:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5718	23/03/2010 16:16:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5719	23/03/2010 16:16:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5720	23/03/2010 16:16:54	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5721	23/03/2010 16:17:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5722	23/03/2010 16:17:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5723	23/03/2010 16:17:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5724	23/03/2010 16:17:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
5725	23/03/2010 16:17:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5726	23/03/2010 16:17:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5727	23/03/2010 16:17:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5728	23/03/2010 16:17:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5729	23/03/2010 16:17:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5730	23/03/2010 16:18:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5731	23/03/2010 16:18:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5732	23/03/2010 16:18:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5733	23/03/2010 16:18:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5734	23/03/2010 16:18:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5735	23/03/2010 16:18:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5736	23/03/2010 16:18:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5737	23/03/2010 16:18:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5738	23/03/2010 16:19:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5739	23/03/2010 16:19:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5740	23/03/2010 16:19:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5741	23/03/2010 16:19:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5742	23/03/2010 16:19:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5743	23/03/2010 16:19:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5744	23/03/2010 16:19:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5745	23/03/2010 16:19:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5746	23/03/2010 16:20:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5747	23/03/2010 16:20:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5748	23/03/2010 16:20:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5749	23/03/2010 16:20:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5750	23/03/2010 16:20:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5751	23/03/2010 16:20:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5752	23/03/2010 16:20:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5753	23/03/2010 16:20:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5754	23/03/2010 16:21:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5755	23/03/2010 16:21:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5756	23/03/2010 16:21:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5757	23/03/2010 16:21:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5758	23/03/2010 16:21:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5759	23/03/2010 16:21:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5760	23/03/2010 16:21:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5761	23/03/2010 16:21:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5762	23/03/2010 16:21:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5763	23/03/2010 16:22:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5764	23/03/2010 16:22:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5765	23/03/2010 16:22:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5766	23/03/2010 16:22:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5767	23/03/2010 16:22:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5768	23/03/2010 16:22:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5769	23/03/2010 16:22:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
5770	23/03/2010 16:22:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5771	23/03/2010 16:23:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5772	23/03/2010 16:23:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5773	23/03/2010 16:23:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
5774	23/03/2010 16:23:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5775	23/03/2010 16:23:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5776	23/03/2010 16:23:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5777	23/03/2010 16:23:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A



## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5778	23/03/2010 16:23:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
5779	23/03/2010 16:23:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5780	23/03/2010 16:24:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5781	23/03/2010 16:24:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5782	23/03/2010 16:24:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5783	23/03/2010 16:24:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5784	23/03/2010 16:24:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5785	23/03/2010 16:24:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5786	23/03/2010 16:24:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5787	23/03/2010 16:24:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5788	23/03/2010 16:25:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5789	23/03/2010 16:25:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5790	23/03/2010 16:25:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5791	23/03/2010 16:25:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5792	23/03/2010 16:25:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 155V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5793	23/03/2010 16:25:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5794	23/03/2010 16:25:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5795	23/03/2010 16:25:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5796	23/03/2010 16:26:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5797	23/03/2010 16:26:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5798	23/03/2010 16:26:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5799	23/03/2010 16:26:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5800	23/03/2010 16:26:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5801	23/03/2010 16:26:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5802	23/03/2010 16:26:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5803	23/03/2010 16:26:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5804	23/03/2010 16:27:01	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5805	23/03/2010 16:27:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5806	23/03/2010 16:27:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5807	23/03/2010 16:27:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5808	23/03/2010 16:27:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5809	23/03/2010 16:27:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5810	23/03/2010 16:27:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5811	23/03/2010 16:27:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5812	23/03/2010 16:27:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5813	23/03/2010 16:28:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5814	23/03/2010 16:28:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5815	23/03/2010 16:28:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5816	23/03/2010 16:28:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5817	23/03/2010 16:28:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5818	23/03/2010 16:28:43	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5819	23/03/2010 16:28:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5820	23/03/2010 16:28:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5821	23/03/2010 16:29:05	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5822	23/03/2010 16:29:12	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5823	23/03/2010 16:29:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5824	23/03/2010 16:29:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5825	23/03/2010 16:29:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5826	23/03/2010 16:29:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5827	23/03/2010 16:29:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5828	23/03/2010 16:29:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5829	23/03/2010 16:30:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5830	23/03/2010 16:30:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5831	23/03/2010 16:30:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5832	23/03/2010 16:30:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5833	23/03/2010 16:30:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5834	23/03/2010 16:30:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5835	23/03/2010 16:30:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5836	23/03/2010 16:30:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5837	23/03/2010 16:31:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5838	23/03/2010 16:31:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5839	23/03/2010 16:31:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5840	23/03/2010 16:31:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5841	23/03/2010 16:31:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5842	23/03/2010 16:31:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.4A
5843	23/03/2010 16:31:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5844	23/03/2010 16:31:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5845	23/03/2010 16:31:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5846	23/03/2010 16:32:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5847	23/03/2010 16:32:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5848	23/03/2010 16:32:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5849	23/03/2010 16:32:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5850	23/03/2010 16:32:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5851	23/03/2010 16:32:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5852	23/03/2010 16:32:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5853	23/03/2010 16:32:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5854	23/03/2010 16:33:03	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5855	23/03/2010 16:33:10	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5856	23/03/2010 16:33:17	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5857	23/03/2010 16:33:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5858	23/03/2010 16:33:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5859	23/03/2010 16:33:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.5A
5860	23/03/2010 16:33:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5861	23/03/2010 16:33:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5862	23/03/2010 16:34:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5863	23/03/2010 16:34:07	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.5A
5864	23/03/2010 16:34:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5865	23/03/2010 16:34:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5866	23/03/2010 16:34:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5867	23/03/2010 16:34:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5868	23/03/2010 16:34:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5869	23/03/2010 16:34:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5870	23/03/2010 16:34:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5871	23/03/2010 16:35:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5872	23/03/2010 16:35:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5873	23/03/2010 16:35:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5874	23/03/2010 16:35:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5875	23/03/2010 16:35:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5876	23/03/2010 16:35:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5877	23/03/2010 16:35:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5878	23/03/2010 16:35:56	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5879	23/03/2010 16:36:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5880	23/03/2010 16:36:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5881	23/03/2010 16:36:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5882	23/03/2010 16:36:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5883	23/03/2010 16:36:32	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5884	23/03/2010 16:36:39	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5885	23/03/2010 16:36:46	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5886	23/03/2010 16:36:53	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5887	23/03/2010 16:37:00	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5888	23/03/2010 16:37:08	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5889	23/03/2010 16:37:15	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5890	23/03/2010 16:37:22	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5891	23/03/2010 16:37:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5892	23/03/2010 16:37:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5893	23/03/2010 16:37:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5894	23/03/2010 16:37:52	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5895	23/03/2010 16:37:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5896	23/03/2010 16:38:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5897	23/03/2010 16:38:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5898	23/03/2010 16:38:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5899	23/03/2010 16:38:28	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5900	23/03/2010 16:38:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5901	23/03/2010 16:38:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5902	23/03/2010 16:38:50	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5903	23/03/2010 16:38:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5904	23/03/2010 16:39:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5905	23/03/2010 16:39:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5906	23/03/2010 16:39:19	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5907	23/03/2010 16:39:26	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5908	23/03/2010 16:39:34	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5909	23/03/2010 16:39:41	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5910	23/03/2010 16:39:48	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5911	23/03/2010 16:39:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5912	23/03/2010 16:40:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5913	23/03/2010 16:40:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5914	23/03/2010 16:40:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 96V) Current error (under current) expected 8.6A achieved peak 6.4A
5915	23/03/2010 16:40:23	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5916	23/03/2010 16:40:30	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5917	23/03/2010 16:40:37	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5918	23/03/2010 16:40:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5919	23/03/2010 16:40:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5920	23/03/2010 16:40:59	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5921	23/03/2010 16:41:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5922	23/03/2010 16:41:14	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5923	23/03/2010 16:41:21	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5924	23/03/2010 16:41:29	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5925	23/03/2010 16:41:36	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5926	23/03/2010 16:41:44	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5927	23/03/2010 16:41:51	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5928	23/03/2010 16:41:58	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5929	23/03/2010 16:42:06	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5930	23/03/2010 16:42:13	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5931	23/03/2010 16:42:20	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5932	23/03/2010 16:42:27	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5933	23/03/2010 16:42:35	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5934	23/03/2010 16:42:42	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5935	23/03/2010 16:42:49	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5936	23/03/2010 16:42:57	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5937	23/03/2010 16:43:04	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5938	23/03/2010 16:43:11	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A

## Line Log: DPISF-050-P1061 (continued)

Shotpoint	Log Time	Message
5939	23/03/2010 16:43:18	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5940	23/03/2010 16:43:25	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 100V) Current error (under current) expected 8.6A achieved peak 6.5A
5941	23/03/2010 16:43:33	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5942	23/03/2010 16:43:40	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5943	23/03/2010 16:43:47	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.5A
5944	23/03/2010 16:43:55	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5945	23/03/2010 16:44:02	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5946	23/03/2010 16:44:09	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 99V) Current error (under current) expected 8.6A achieved peak 6.4A
5947	23/03/2010 16:44:16	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.4A
5948	23/03/2010 16:44:24	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5949	23/03/2010 16:44:31	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 98V) Current error (under current) expected 8.6A achieved peak 6.5A
5950	23/03/2010 16:44:38	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
5951	23/03/2010 16:44:45	String 2 Cluster 1 Gun 2 (150 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 97V) Current error (under current) expected 8.6A achieved peak 6.4A
	23/03/2010 16:44:55	END OF LINE shot 5951 time 3-23-2010 16:44:44.428406
	23/03/2010 16:44:55	Atmospheric manual - 1000mB
	23/03/2010 16:44:55	EOL Full nominal array enabled, all spare guns disabled.
	23/03/2010 16:44:55	EOL Volume source 1 2360 cu in.
	23/03/2010 16:44:55	EOL String pressures 1:2002.0 PSI 2:2007.0 PSI
		Total shotpoints on line = 4951. Shotpoints with errors of any type 1 (0.0%)
		Shotpoints with gun errors (not depth, pressure or autofire errors) 1 (0.0%)
		Shotpoints with possible autofires detected 1 (0.0%)