

## Line Log

Line Name: DPISF-014-P2098  
 Start time: 07/04/2010 02:05:13

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

Shotpoint	Log Time	Message
1937	07/04/2010 02:05:13	Volume source 1 2360 cu in (ideal volume 2360) 100.0%
	07/04/2010 02:05:13	SOL String pressures 1:1984.0 PSI 2:1972.0 PSI
	07/04/2010 02:05:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
	07/04/2010 02:05:14	First good shot 1937. Line 'DPISF-014-P2098' time 4-7-2010 2:5:13.444056
	07/04/2010 02:05:14	Atmospheric manual - 1000mB
	07/04/2010 02:05:14	SOL Guns enabled/disabled compared to nominal array: String 2 Cluster 2 Gun 3 150 cu in. disabled. String 2 Cluster 2 Gun 4 150 cu in. (spare) enabled.
1938	07/04/2010 02:05:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1939	07/04/2010 02:05:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1940	07/04/2010 02:05:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1941	07/04/2010 02:05:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1942	07/04/2010 02:05:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 79V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1943	07/04/2010 02:05:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1944	07/04/2010 02:05:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1945	07/04/2010 02:06:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1946	07/04/2010 02:06:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1947	07/04/2010 02:06:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1948	07/04/2010 02:06:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
1949	07/04/2010 02:06:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1950	07/04/2010 02:06:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1951	07/04/2010 02:06:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1952	07/04/2010 02:06:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1953	07/04/2010 02:06:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1954	07/04/2010 02:06:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1955	07/04/2010 02:07:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1956	07/04/2010 02:07:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1957	07/04/2010 02:07:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1958	07/04/2010 02:07:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1959	07/04/2010 02:07:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1960	07/04/2010 02:07:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1961	07/04/2010 02:07:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1962	07/04/2010 02:07:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1963	07/04/2010 02:07:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
1964	07/04/2010 02:07:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1965	07/04/2010 02:08:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1966	07/04/2010 02:08:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1967	07/04/2010 02:08:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1968	07/04/2010 02:08:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1969	07/04/2010 02:08:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1970	07/04/2010 02:08:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1971	07/04/2010 02:08:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1972	07/04/2010 02:08:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1973	07/04/2010 02:08:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1974	07/04/2010 02:08:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1975	07/04/2010 02:09:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1976	07/04/2010 02:09:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1977	07/04/2010 02:09:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1978	07/04/2010 02:09:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
1979	07/04/2010 02:09:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1980	07/04/2010 02:09:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1981	07/04/2010 02:09:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1982	07/04/2010 02:09:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1983	07/04/2010 02:09:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1984	07/04/2010 02:09:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1985	07/04/2010 02:10:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1986	07/04/2010 02:10:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1987	07/04/2010 02:10:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1988	07/04/2010 02:10:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1989	07/04/2010 02:10:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1990	07/04/2010 02:10:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1991	07/04/2010 02:10:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1992	07/04/2010 02:10:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1993	07/04/2010 02:10:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
1994	07/04/2010 02:11:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1995	07/04/2010 02:11:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1996	07/04/2010 02:11:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1997	07/04/2010 02:11:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1998	07/04/2010 02:11:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
1999	07/04/2010 02:11:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2000	07/04/2010 02:11:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2001	07/04/2010 02:11:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2002	07/04/2010 02:11:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2003	07/04/2010 02:11:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2004	07/04/2010 02:12:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2005	07/04/2010 02:12:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2006	07/04/2010 02:12:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2007	07/04/2010 02:12:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2008	07/04/2010 02:12:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2009	07/04/2010 02:12:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2010	07/04/2010 02:12:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2011	07/04/2010 02:12:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2012	07/04/2010 02:12:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2013	07/04/2010 02:12:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2014	07/04/2010 02:13:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2015	07/04/2010 02:13:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2016	07/04/2010 02:13:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2017	07/04/2010 02:13:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 79V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2018	07/04/2010 02:13:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2019	07/04/2010 02:13:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2020	07/04/2010 02:13:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2021	07/04/2010 02:13:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2022	07/04/2010 02:13:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2023	07/04/2010 02:13:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2024	07/04/2010 02:14:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2025	07/04/2010 02:14:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2026	07/04/2010 02:14:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2027	07/04/2010 02:14:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2028	07/04/2010 02:14:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2029	07/04/2010 02:14:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2030	07/04/2010 02:14:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2031	07/04/2010 02:14:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2032	07/04/2010 02:14:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2033	07/04/2010 02:14:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2034	07/04/2010 02:15:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2035	07/04/2010 02:15:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2036	07/04/2010 02:15:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2037	07/04/2010 02:15:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2038	07/04/2010 02:15:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2039	07/04/2010 02:15:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2040	07/04/2010 02:15:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 79V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2041	07/04/2010 02:15:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2042	07/04/2010 02:15:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2043	07/04/2010 02:15:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2044	07/04/2010 02:15:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2045	07/04/2010 02:16:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2046	07/04/2010 02:16:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2047	07/04/2010 02:16:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2048	07/04/2010 02:16:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2049	07/04/2010 02:16:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2050	07/04/2010 02:16:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2051	07/04/2010 02:16:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2052	07/04/2010 02:16:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2053	07/04/2010 02:16:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2054	07/04/2010 02:16:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2055	07/04/2010 02:17:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2056	07/04/2010 02:17:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2057	07/04/2010 02:17:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2058	07/04/2010 02:17:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2059	07/04/2010 02:17:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2060	07/04/2010 02:17:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2061	07/04/2010 02:17:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2062	07/04/2010 02:17:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2063	07/04/2010 02:17:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2064	07/04/2010 02:18:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2065	07/04/2010 02:18:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2066	07/04/2010 02:18:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2067	07/04/2010 02:18:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2068	07/04/2010 02:18:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2069	07/04/2010 02:18:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2070	07/04/2010 02:18:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2071	07/04/2010 02:18:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2072	07/04/2010 02:18:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2073	07/04/2010 02:18:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2074	07/04/2010 02:19:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2075	07/04/2010 02:19:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2076	07/04/2010 02:19:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2077	07/04/2010 02:19:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2078	07/04/2010 02:19:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2079	07/04/2010 02:19:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2080	07/04/2010 02:19:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2081	07/04/2010 02:19:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2082	07/04/2010 02:19:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2083	07/04/2010 02:19:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2084	07/04/2010 02:20:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2085	07/04/2010 02:20:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2086	07/04/2010 02:20:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2087	07/04/2010 02:20:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2088	07/04/2010 02:20:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2089	07/04/2010 02:20:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2090	07/04/2010 02:20:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2091	07/04/2010 02:20:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2092	07/04/2010 02:20:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2093	07/04/2010 02:20:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2094	07/04/2010 02:21:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2095	07/04/2010 02:21:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2096	07/04/2010 02:21:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2097	07/04/2010 02:21:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2098	07/04/2010 02:21:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2099	07/04/2010 02:21:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2100	07/04/2010 02:21:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2101	07/04/2010 02:21:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2102	07/04/2010 02:21:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2103	07/04/2010 02:21:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2104	07/04/2010 02:22:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2105	07/04/2010 02:22:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2106	07/04/2010 02:22:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2107	07/04/2010 02:22:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2108	07/04/2010 02:22:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2109	07/04/2010 02:22:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2110	07/04/2010 02:22:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2111	07/04/2010 02:22:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2112	07/04/2010 02:22:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2113	07/04/2010 02:22:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2114	07/04/2010 02:23:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2115	07/04/2010 02:23:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2116	07/04/2010 02:23:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2117	07/04/2010 02:23:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2118	07/04/2010 02:23:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2119	07/04/2010 02:23:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2120	07/04/2010 02:23:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2121	07/04/2010 02:23:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2122	07/04/2010 02:23:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2123	07/04/2010 02:23:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2124	07/04/2010 02:24:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2125	07/04/2010 02:24:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2126	07/04/2010 02:24:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2127	07/04/2010 02:24:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2128	07/04/2010 02:24:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2129	07/04/2010 02:24:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2130	07/04/2010 02:24:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2131	07/04/2010 02:24:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2132	07/04/2010 02:24:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2133	07/04/2010 02:24:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2134	07/04/2010 02:25:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2135	07/04/2010 02:25:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2136	07/04/2010 02:25:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2137	07/04/2010 02:25:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2138	07/04/2010 02:25:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2139	07/04/2010 02:25:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2140	07/04/2010 02:25:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2141	07/04/2010 02:25:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2142	07/04/2010 02:25:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2143	07/04/2010 02:26:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2144	07/04/2010 02:26:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2145	07/04/2010 02:26:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2146	07/04/2010 02:26:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2147	07/04/2010 02:26:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2148	07/04/2010 02:26:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2149	07/04/2010 02:26:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2150	07/04/2010 02:26:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2151	07/04/2010 02:26:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2152	07/04/2010 02:26:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2153	07/04/2010 02:27:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2154	07/04/2010 02:27:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2155	07/04/2010 02:27:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2156	07/04/2010 02:27:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2157	07/04/2010 02:27:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2158	07/04/2010 02:27:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2159	07/04/2010 02:27:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2160	07/04/2010 02:27:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2161	07/04/2010 02:27:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2162	07/04/2010 02:27:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2163	07/04/2010 02:28:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2164	07/04/2010 02:28:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2165	07/04/2010 02:28:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2166	07/04/2010 02:28:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2167	07/04/2010 02:28:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2168	07/04/2010 02:28:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2169	07/04/2010 02:28:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2170	07/04/2010 02:28:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2171	07/04/2010 02:28:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2172	07/04/2010 02:28:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2173	07/04/2010 02:29:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2174	07/04/2010 02:29:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2175	07/04/2010 02:29:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2176	07/04/2010 02:29:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2177	07/04/2010 02:29:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2178	07/04/2010 02:29:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2179	07/04/2010 02:29:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2180	07/04/2010 02:29:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2181	07/04/2010 02:29:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2182	07/04/2010 02:29:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2183	07/04/2010 02:30:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2184	07/04/2010 02:30:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2185	07/04/2010 02:30:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2186	07/04/2010 02:30:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2187	07/04/2010 02:30:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2188	07/04/2010 02:30:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2189	07/04/2010 02:30:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2190	07/04/2010 02:30:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2191	07/04/2010 02:30:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2192	07/04/2010 02:30:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2193	07/04/2010 02:31:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2194	07/04/2010 02:31:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2195	07/04/2010 02:31:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2196	07/04/2010 02:31:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2197	07/04/2010 02:31:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2198	07/04/2010 02:31:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2199	07/04/2010 02:31:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2200	07/04/2010 02:31:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2201	07/04/2010 02:31:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2202	07/04/2010 02:32:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2203	07/04/2010 02:32:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2204	07/04/2010 02:32:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2205	07/04/2010 02:32:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2206	07/04/2010 02:32:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2207	07/04/2010 02:32:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2208	07/04/2010 02:32:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2209	07/04/2010 02:32:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2210	07/04/2010 02:32:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2211	07/04/2010 02:32:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2212	07/04/2010 02:33:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2213	07/04/2010 02:33:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2214	07/04/2010 02:33:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2215	07/04/2010 02:33:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2216	07/04/2010 02:33:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2217	07/04/2010 02:33:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2218	07/04/2010 02:33:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2219	07/04/2010 02:33:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2220	07/04/2010 02:33:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2221	07/04/2010 02:33:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2222	07/04/2010 02:34:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2223	07/04/2010 02:34:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2224	07/04/2010 02:34:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2225	07/04/2010 02:34:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2226	07/04/2010 02:34:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2227	07/04/2010 02:34:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2228	07/04/2010 02:34:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2229	07/04/2010 02:34:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2230	07/04/2010 02:34:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2231	07/04/2010 02:34:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2232	07/04/2010 02:35:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2233	07/04/2010 02:35:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2234	07/04/2010 02:35:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2235	07/04/2010 02:35:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2236	07/04/2010 02:35:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2237	07/04/2010 02:35:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2238	07/04/2010 02:35:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2239	07/04/2010 02:35:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2240	07/04/2010 02:35:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2241	07/04/2010 02:35:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2242	07/04/2010 02:36:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2243	07/04/2010 02:36:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2244	07/04/2010 02:36:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2245	07/04/2010 02:36:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2246	07/04/2010 02:36:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2247	07/04/2010 02:36:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 79V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2248	07/04/2010 02:36:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2249	07/04/2010 02:36:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2250	07/04/2010 02:36:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2251	07/04/2010 02:36:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2252	07/04/2010 02:37:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2253	07/04/2010 02:37:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2254	07/04/2010 02:37:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2255	07/04/2010 02:37:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2256	07/04/2010 02:37:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2257	07/04/2010 02:37:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2258	07/04/2010 02:37:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2259	07/04/2010 02:37:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2260	07/04/2010 02:37:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2261	07/04/2010 02:38:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2262	07/04/2010 02:38:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2263	07/04/2010 02:38:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2264	07/04/2010 02:38:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 79V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2265	07/04/2010 02:38:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2266	07/04/2010 02:38:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2267	07/04/2010 02:38:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2268	07/04/2010 02:38:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2269	07/04/2010 02:38:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2270	07/04/2010 02:38:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2271	07/04/2010 02:39:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2272	07/04/2010 02:39:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2273	07/04/2010 02:39:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2274	07/04/2010 02:39:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2275	07/04/2010 02:39:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2276	07/04/2010 02:39:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2277	07/04/2010 02:39:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2278	07/04/2010 02:39:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2279	07/04/2010 02:39:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2280	07/04/2010 02:39:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2281	07/04/2010 02:40:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2282	07/04/2010 02:40:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2283	07/04/2010 02:40:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2284	07/04/2010 02:40:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2285	07/04/2010 02:40:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2286	07/04/2010 02:40:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2287	07/04/2010 02:40:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2288	07/04/2010 02:40:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2289	07/04/2010 02:40:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2290	07/04/2010 02:40:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2291	07/04/2010 02:41:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2292	07/04/2010 02:41:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2293	07/04/2010 02:41:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2294	07/04/2010 02:41:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2295	07/04/2010 02:41:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2296	07/04/2010 02:41:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2297	07/04/2010 02:41:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2298	07/04/2010 02:41:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2299	07/04/2010 02:41:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2300	07/04/2010 02:41:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2301	07/04/2010 02:42:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2302	07/04/2010 02:42:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2303	07/04/2010 02:42:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2304	07/04/2010 02:42:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2305	07/04/2010 02:42:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2306	07/04/2010 02:42:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2307	07/04/2010 02:42:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2308	07/04/2010 02:42:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2309	07/04/2010 02:42:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2310	07/04/2010 02:43:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2311	07/04/2010 02:43:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2312	07/04/2010 02:43:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2313	07/04/2010 02:43:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2314	07/04/2010 02:43:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2315	07/04/2010 02:43:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2316	07/04/2010 02:43:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2317	07/04/2010 02:43:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2318	07/04/2010 02:43:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2319	07/04/2010 02:43:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2320	07/04/2010 02:44:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2321	07/04/2010 02:44:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2322	07/04/2010 02:44:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2323	07/04/2010 02:44:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2324	07/04/2010 02:44:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2325	07/04/2010 02:44:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2326	07/04/2010 02:44:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2327	07/04/2010 02:44:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2328	07/04/2010 02:44:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2329	07/04/2010 02:45:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2330	07/04/2010 02:45:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2331	07/04/2010 02:45:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2332	07/04/2010 02:45:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2333	07/04/2010 02:45:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2334	07/04/2010 02:45:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2335	07/04/2010 02:45:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2336	07/04/2010 02:45:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2337	07/04/2010 02:45:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2338	07/04/2010 02:45:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2339	07/04/2010 02:46:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2340	07/04/2010 02:46:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2341	07/04/2010 02:46:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2342	07/04/2010 02:46:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2343	07/04/2010 02:46:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2344	07/04/2010 02:46:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2345	07/04/2010 02:46:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2346	07/04/2010 02:46:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2347	07/04/2010 02:46:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2348	07/04/2010 02:46:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2349	07/04/2010 02:47:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2350	07/04/2010 02:47:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2351	07/04/2010 02:47:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2352	07/04/2010 02:47:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2353	07/04/2010 02:47:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2354	07/04/2010 02:47:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2355	07/04/2010 02:47:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2356	07/04/2010 02:47:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2357	07/04/2010 02:47:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2358	07/04/2010 02:47:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2359	07/04/2010 02:48:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2360	07/04/2010 02:48:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2361	07/04/2010 02:48:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2362	07/04/2010 02:48:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2363	07/04/2010 02:48:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2364	07/04/2010 02:48:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2365	07/04/2010 02:48:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2366	07/04/2010 02:48:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2367	07/04/2010 02:48:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2368	07/04/2010 02:48:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2369	07/04/2010 02:49:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2370	07/04/2010 02:49:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2371	07/04/2010 02:49:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2372	07/04/2010 02:49:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2373	07/04/2010 02:49:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2374	07/04/2010 02:49:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2375	07/04/2010 02:49:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2376	07/04/2010 02:49:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2377	07/04/2010 02:49:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2378	07/04/2010 02:50:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2379	07/04/2010 02:50:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2380	07/04/2010 02:50:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2381	07/04/2010 02:50:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2382	07/04/2010 02:50:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2383	07/04/2010 02:50:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2384	07/04/2010 02:50:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2385	07/04/2010 02:50:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2386	07/04/2010 02:50:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2387	07/04/2010 02:50:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2388	07/04/2010 02:51:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2389	07/04/2010 02:51:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2390	07/04/2010 02:51:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2391	07/04/2010 02:51:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2392	07/04/2010 02:51:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2393	07/04/2010 02:51:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2394	07/04/2010 02:51:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2395	07/04/2010 02:51:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2396	07/04/2010 02:51:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2397	07/04/2010 02:52:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2398	07/04/2010 02:52:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2399	07/04/2010 02:52:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2400	07/04/2010 02:52:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2401	07/04/2010 02:52:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2402	07/04/2010 02:52:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2403	07/04/2010 02:52:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2404	07/04/2010 02:52:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2405	07/04/2010 02:52:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2406	07/04/2010 02:52:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2407	07/04/2010 02:53:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2408	07/04/2010 02:53:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2409	07/04/2010 02:53:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2410	07/04/2010 02:53:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2411	07/04/2010 02:53:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2412	07/04/2010 02:53:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2413	07/04/2010 02:53:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2414	07/04/2010 02:53:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2415	07/04/2010 02:53:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2416	07/04/2010 02:54:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2417	07/04/2010 02:54:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2418	07/04/2010 02:54:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2419	07/04/2010 02:54:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2420	07/04/2010 02:54:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2421	07/04/2010 02:54:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2422	07/04/2010 02:54:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2423	07/04/2010 02:54:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2424	07/04/2010 02:54:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2425	07/04/2010 02:54:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2426	07/04/2010 02:55:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2427	07/04/2010 02:55:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2428	07/04/2010 02:55:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2429	07/04/2010 02:55:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2430	07/04/2010 02:55:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2431	07/04/2010 02:55:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2432	07/04/2010 02:55:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2433	07/04/2010 02:55:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2434	07/04/2010 02:55:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2435	07/04/2010 02:55:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2436	07/04/2010 02:56:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2437	07/04/2010 02:56:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2438	07/04/2010 02:56:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2439	07/04/2010 02:56:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2440	07/04/2010 02:56:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2441	07/04/2010 02:56:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2442	07/04/2010 02:56:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2443	07/04/2010 02:56:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2444	07/04/2010 02:56:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2445	07/04/2010 02:56:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2446	07/04/2010 02:57:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2447	07/04/2010 02:57:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2448	07/04/2010 02:57:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2449	07/04/2010 02:57:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2450	07/04/2010 02:57:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2451	07/04/2010 02:57:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2452	07/04/2010 02:57:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2453	07/04/2010 02:57:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2454	07/04/2010 02:57:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2455	07/04/2010 02:58:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2456	07/04/2010 02:58:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2457	07/04/2010 02:58:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2458	07/04/2010 02:58:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2459	07/04/2010 02:58:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2460	07/04/2010 02:58:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2461	07/04/2010 02:58:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2462	07/04/2010 02:58:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2463	07/04/2010 02:58:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2464	07/04/2010 02:58:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2465	07/04/2010 02:59:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2466	07/04/2010 02:59:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2467	07/04/2010 02:59:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 79V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2468	07/04/2010 02:59:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2469	07/04/2010 02:59:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2470	07/04/2010 02:59:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2471	07/04/2010 02:59:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2472	07/04/2010 02:59:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2473	07/04/2010 02:59:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2474	07/04/2010 03:00:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2475	07/04/2010 03:00:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2476	07/04/2010 03:00:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2477	07/04/2010 03:00:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2478	07/04/2010 03:00:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2479	07/04/2010 03:00:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2480	07/04/2010 03:00:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2481	07/04/2010 03:00:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2482	07/04/2010 03:00:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2483	07/04/2010 03:00:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2484	07/04/2010 03:01:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2485	07/04/2010 03:01:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2486	07/04/2010 03:01:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2487	07/04/2010 03:01:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2488	07/04/2010 03:01:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2489	07/04/2010 03:01:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2490	07/04/2010 03:01:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2491	07/04/2010 03:01:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2492	07/04/2010 03:01:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2493	07/04/2010 03:02:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2494	07/04/2010 03:02:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2495	07/04/2010 03:02:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2496	07/04/2010 03:02:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2497	07/04/2010 03:02:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2498	07/04/2010 03:02:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2499	07/04/2010 03:02:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2500	07/04/2010 03:02:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2501	07/04/2010 03:02:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2502	07/04/2010 03:02:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2503	07/04/2010 03:03:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2504	07/04/2010 03:03:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2505	07/04/2010 03:03:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2506	07/04/2010 03:03:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2507	07/04/2010 03:03:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2508	07/04/2010 03:03:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2509	07/04/2010 03:03:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2510	07/04/2010 03:03:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2511	07/04/2010 03:03:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2512	07/04/2010 03:03:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2513	07/04/2010 03:04:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2514	07/04/2010 03:04:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2515	07/04/2010 03:04:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2516	07/04/2010 03:04:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2517	07/04/2010 03:04:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2518	07/04/2010 03:04:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2519	07/04/2010 03:04:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2520	07/04/2010 03:04:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2521	07/04/2010 03:04:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2522	07/04/2010 03:04:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2523	07/04/2010 03:05:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2524	07/04/2010 03:05:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2525	07/04/2010 03:05:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2526	07/04/2010 03:05:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2527	07/04/2010 03:05:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2528	07/04/2010 03:05:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2529	07/04/2010 03:05:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2530	07/04/2010 03:05:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2531	07/04/2010 03:05:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2532	07/04/2010 03:06:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2533	07/04/2010 03:06:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2534	07/04/2010 03:06:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2535	07/04/2010 03:06:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2536	07/04/2010 03:06:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2537	07/04/2010 03:06:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2538	07/04/2010 03:06:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2539	07/04/2010 03:06:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2540	07/04/2010 03:06:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2541	07/04/2010 03:06:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2542	07/04/2010 03:07:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2543	07/04/2010 03:07:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2544	07/04/2010 03:07:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2545	07/04/2010 03:07:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2546	07/04/2010 03:07:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2547	07/04/2010 03:07:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2548	07/04/2010 03:07:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2549	07/04/2010 03:07:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2550	07/04/2010 03:07:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2551	07/04/2010 03:07:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2552	07/04/2010 03:08:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2553	07/04/2010 03:08:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2554	07/04/2010 03:08:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2555	07/04/2010 03:08:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2556	07/04/2010 03:08:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2557	07/04/2010 03:08:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2558	07/04/2010 03:08:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2559	07/04/2010 03:08:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2560	07/04/2010 03:08:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2561	07/04/2010 03:08:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2562	07/04/2010 03:09:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2563	07/04/2010 03:09:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2564	07/04/2010 03:09:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2565	07/04/2010 03:09:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2566	07/04/2010 03:09:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2567	07/04/2010 03:09:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2568	07/04/2010 03:09:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2569	07/04/2010 03:09:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2570	07/04/2010 03:09:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2571	07/04/2010 03:09:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2572	07/04/2010 03:10:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2573	07/04/2010 03:10:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2574	07/04/2010 03:10:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2575	07/04/2010 03:10:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2576	07/04/2010 03:10:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2577	07/04/2010 03:10:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2578	07/04/2010 03:10:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2579	07/04/2010 03:10:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2580	07/04/2010 03:10:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2581	07/04/2010 03:10:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2582	07/04/2010 03:11:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2583	07/04/2010 03:11:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2584	07/04/2010 03:11:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2585	07/04/2010 03:11:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2586	07/04/2010 03:11:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2587	07/04/2010 03:11:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2588	07/04/2010 03:11:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2589	07/04/2010 03:11:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2590	07/04/2010 03:11:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2591	07/04/2010 03:12:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2592	07/04/2010 03:12:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2593	07/04/2010 03:12:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2594	07/04/2010 03:12:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2595	07/04/2010 03:12:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2596	07/04/2010 03:12:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2597	07/04/2010 03:12:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2598	07/04/2010 03:12:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2599	07/04/2010 03:12:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2600	07/04/2010 03:12:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2601	07/04/2010 03:13:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2602	07/04/2010 03:13:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2603	07/04/2010 03:13:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2604	07/04/2010 03:13:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2605	07/04/2010 03:13:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2606	07/04/2010 03:13:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2607	07/04/2010 03:13:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2608	07/04/2010 03:13:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2609	07/04/2010 03:13:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2610	07/04/2010 03:13:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2611	07/04/2010 03:14:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2612	07/04/2010 03:14:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2613	07/04/2010 03:14:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2614	07/04/2010 03:14:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2615	07/04/2010 03:14:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2616	07/04/2010 03:14:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2617	07/04/2010 03:14:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2618	07/04/2010 03:14:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2619	07/04/2010 03:14:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2620	07/04/2010 03:14:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2621	07/04/2010 03:15:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2622	07/04/2010 03:15:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2623	07/04/2010 03:15:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2624	07/04/2010 03:15:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2625	07/04/2010 03:15:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2626	07/04/2010 03:15:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2627	07/04/2010 03:15:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2628	07/04/2010 03:15:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2629	07/04/2010 03:15:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2630	07/04/2010 03:15:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2631	07/04/2010 03:16:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2632	07/04/2010 03:16:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2633	07/04/2010 03:16:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2634	07/04/2010 03:16:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2635	07/04/2010 03:16:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2636	07/04/2010 03:16:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2637	07/04/2010 03:16:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2638	07/04/2010 03:16:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2639	07/04/2010 03:16:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2640	07/04/2010 03:17:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2641	07/04/2010 03:17:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2642	07/04/2010 03:17:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2643	07/04/2010 03:17:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2644	07/04/2010 03:17:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2645	07/04/2010 03:17:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2646	07/04/2010 03:17:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2647	07/04/2010 03:17:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2648	07/04/2010 03:17:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2649	07/04/2010 03:17:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2650	07/04/2010 03:18:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2651	07/04/2010 03:18:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2652	07/04/2010 03:18:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2653	07/04/2010 03:18:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2654	07/04/2010 03:18:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2655	07/04/2010 03:18:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2656	07/04/2010 03:18:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2657	07/04/2010 03:18:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2658	07/04/2010 03:18:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2659	07/04/2010 03:19:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2660	07/04/2010 03:19:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2661	07/04/2010 03:19:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2662	07/04/2010 03:19:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2663	07/04/2010 03:19:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2664	07/04/2010 03:19:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2665	07/04/2010 03:19:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2666	07/04/2010 03:19:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2667	07/04/2010 03:19:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2668	07/04/2010 03:19:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2669	07/04/2010 03:20:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2670	07/04/2010 03:20:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2671	07/04/2010 03:20:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2672	07/04/2010 03:20:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2673	07/04/2010 03:20:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2674	07/04/2010 03:20:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2675	07/04/2010 03:20:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2676	07/04/2010 03:20:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2677	07/04/2010 03:20:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2678	07/04/2010 03:21:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2679	07/04/2010 03:21:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2680	07/04/2010 03:21:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2681	07/04/2010 03:21:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2682	07/04/2010 03:21:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2683	07/04/2010 03:21:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2684	07/04/2010 03:21:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2685	07/04/2010 03:21:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2686	07/04/2010 03:21:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2687	07/04/2010 03:21:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2688	07/04/2010 03:22:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2689	07/04/2010 03:22:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2690	07/04/2010 03:22:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2691	07/04/2010 03:22:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2692	07/04/2010 03:22:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2693	07/04/2010 03:22:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2694	07/04/2010 03:22:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2695	07/04/2010 03:22:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2696	07/04/2010 03:22:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2697	07/04/2010 03:22:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2698	07/04/2010 03:23:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2699	07/04/2010 03:23:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2700	07/04/2010 03:23:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2701	07/04/2010 03:23:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2702	07/04/2010 03:23:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2703	07/04/2010 03:23:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2704	07/04/2010 03:23:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2705	07/04/2010 03:23:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2706	07/04/2010 03:23:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2707	07/04/2010 03:23:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2708	07/04/2010 03:24:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2709	07/04/2010 03:24:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2710	07/04/2010 03:24:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2711	07/04/2010 03:24:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2712	07/04/2010 03:24:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2713	07/04/2010 03:24:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2714	07/04/2010 03:24:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2715	07/04/2010 03:24:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2716	07/04/2010 03:24:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2717	07/04/2010 03:25:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2718	07/04/2010 03:25:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2719	07/04/2010 03:25:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2720	07/04/2010 03:25:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2721	07/04/2010 03:25:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2722	07/04/2010 03:25:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2723	07/04/2010 03:25:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2724	07/04/2010 03:25:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2725	07/04/2010 03:25:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2726	07/04/2010 03:25:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2727	07/04/2010 03:26:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2728	07/04/2010 03:26:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2729	07/04/2010 03:26:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2730	07/04/2010 03:26:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2731	07/04/2010 03:26:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2732	07/04/2010 03:26:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2733	07/04/2010 03:26:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2734	07/04/2010 03:26:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2735	07/04/2010 03:26:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2736	07/04/2010 03:26:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2737	07/04/2010 03:27:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2738	07/04/2010 03:27:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2739	07/04/2010 03:27:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2740	07/04/2010 03:27:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2741	07/04/2010 03:27:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2742	07/04/2010 03:27:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2743	07/04/2010 03:27:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2744	07/04/2010 03:27:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2745	07/04/2010 03:27:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2746	07/04/2010 03:28:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2747	07/04/2010 03:28:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2748	07/04/2010 03:28:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2749	07/04/2010 03:28:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2750	07/04/2010 03:28:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2751	07/04/2010 03:28:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2752	07/04/2010 03:28:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2753	07/04/2010 03:28:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2754	07/04/2010 03:28:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2755	07/04/2010 03:28:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2756	07/04/2010 03:29:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2757	07/04/2010 03:29:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2758	07/04/2010 03:29:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2759	07/04/2010 03:29:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2760	07/04/2010 03:29:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2761	07/04/2010 03:29:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2762	07/04/2010 03:29:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2763	07/04/2010 03:29:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2764	07/04/2010 03:29:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2765	07/04/2010 03:29:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2766	07/04/2010 03:30:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2767	07/04/2010 03:30:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2768	07/04/2010 03:30:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2769	07/04/2010 03:30:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2770	07/04/2010 03:30:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2771	07/04/2010 03:30:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2772	07/04/2010 03:30:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2773	07/04/2010 03:30:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2774	07/04/2010 03:30:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2775	07/04/2010 03:30:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2776	07/04/2010 03:31:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2777	07/04/2010 03:31:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2778	07/04/2010 03:31:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2779	07/04/2010 03:31:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2780	07/04/2010 03:31:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2781	07/04/2010 03:31:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2782	07/04/2010 03:31:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2783	07/04/2010 03:31:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2784	07/04/2010 03:31:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2785	07/04/2010 03:31:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2786	07/04/2010 03:32:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2787	07/04/2010 03:32:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2788	07/04/2010 03:32:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2789	07/04/2010 03:32:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2790	07/04/2010 03:32:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2791	07/04/2010 03:32:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2792	07/04/2010 03:32:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2793	07/04/2010 03:32:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2794	07/04/2010 03:32:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2795	07/04/2010 03:32:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2796	07/04/2010 03:33:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2797	07/04/2010 03:33:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2798	07/04/2010 03:33:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2799	07/04/2010 03:33:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2800	07/04/2010 03:33:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2801	07/04/2010 03:33:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2802	07/04/2010 03:33:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2803	07/04/2010 03:33:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2804	07/04/2010 03:33:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2805	07/04/2010 03:34:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2806	07/04/2010 03:34:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2807	07/04/2010 03:34:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2808	07/04/2010 03:34:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2809	07/04/2010 03:34:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2810	07/04/2010 03:34:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2811	07/04/2010 03:34:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2812	07/04/2010 03:34:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2813	07/04/2010 03:34:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2814	07/04/2010 03:34:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2815	07/04/2010 03:35:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2816	07/04/2010 03:35:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2817	07/04/2010 03:35:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2818	07/04/2010 03:35:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2819	07/04/2010 03:35:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2820	07/04/2010 03:35:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2821	07/04/2010 03:35:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2822	07/04/2010 03:35:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2823	07/04/2010 03:35:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2824	07/04/2010 03:35:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2825	07/04/2010 03:36:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2826	07/04/2010 03:36:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2827	07/04/2010 03:36:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 84V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2828	07/04/2010 03:36:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2829	07/04/2010 03:36:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2830	07/04/2010 03:36:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2831	07/04/2010 03:36:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2832	07/04/2010 03:36:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2833	07/04/2010 03:36:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2834	07/04/2010 03:36:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2835	07/04/2010 03:37:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2836	07/04/2010 03:37:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2837	07/04/2010 03:37:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2838	07/04/2010 03:37:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2839	07/04/2010 03:37:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2840	07/04/2010 03:37:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2841	07/04/2010 03:37:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2842	07/04/2010 03:37:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2843	07/04/2010 03:37:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2844	07/04/2010 03:38:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2845	07/04/2010 03:38:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2846	07/04/2010 03:38:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2847	07/04/2010 03:38:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2848	07/04/2010 03:38:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2849	07/04/2010 03:38:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2850	07/04/2010 03:38:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2851	07/04/2010 03:38:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2852	07/04/2010 03:38:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2853	07/04/2010 03:38:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2854	07/04/2010 03:39:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2855	07/04/2010 03:39:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2856	07/04/2010 03:39:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2857	07/04/2010 03:39:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2858	07/04/2010 03:39:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2859	07/04/2010 03:39:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2860	07/04/2010 03:39:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2861	07/04/2010 03:39:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2862	07/04/2010 03:39:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2863	07/04/2010 03:40:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2864	07/04/2010 03:40:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2865	07/04/2010 03:40:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2866	07/04/2010 03:40:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2867	07/04/2010 03:40:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2868	07/04/2010 03:40:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2869	07/04/2010 03:40:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2870	07/04/2010 03:40:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2871	07/04/2010 03:40:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2872	07/04/2010 03:40:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2873	07/04/2010 03:41:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2874	07/04/2010 03:41:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2875	07/04/2010 03:41:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2876	07/04/2010 03:41:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2877	07/04/2010 03:41:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2878	07/04/2010 03:41:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2879	07/04/2010 03:41:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2880	07/04/2010 03:41:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2881	07/04/2010 03:41:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2882	07/04/2010 03:42:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2883	07/04/2010 03:42:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2884	07/04/2010 03:42:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2885	07/04/2010 03:42:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2886	07/04/2010 03:42:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2887	07/04/2010 03:42:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2888	07/04/2010 03:42:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2889	07/04/2010 03:42:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2890	07/04/2010 03:42:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2891	07/04/2010 03:42:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2892	07/04/2010 03:43:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2893	07/04/2010 03:43:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2894	07/04/2010 03:43:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2895	07/04/2010 03:43:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2896	07/04/2010 03:43:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2897	07/04/2010 03:43:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2898	07/04/2010 03:43:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2899	07/04/2010 03:43:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2900	07/04/2010 03:43:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2901	07/04/2010 03:43:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2902	07/04/2010 03:44:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2903	07/04/2010 03:44:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2904	07/04/2010 03:44:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2905	07/04/2010 03:44:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2906	07/04/2010 03:44:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2907	07/04/2010 03:44:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2908	07/04/2010 03:44:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2909	07/04/2010 03:44:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2910	07/04/2010 03:44:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2911	07/04/2010 03:44:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2912	07/04/2010 03:45:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2913	07/04/2010 03:45:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2914	07/04/2010 03:45:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2915	07/04/2010 03:45:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2916	07/04/2010 03:45:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2917	07/04/2010 03:45:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2918	07/04/2010 03:45:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2919	07/04/2010 03:45:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2920	07/04/2010 03:45:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2921	07/04/2010 03:46:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2922	07/04/2010 03:46:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2923	07/04/2010 03:46:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2924	07/04/2010 03:46:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2925	07/04/2010 03:46:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2926	07/04/2010 03:46:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2927	07/04/2010 03:46:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2928	07/04/2010 03:46:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2929	07/04/2010 03:46:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2930	07/04/2010 03:46:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2931	07/04/2010 03:47:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2932	07/04/2010 03:47:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2933	07/04/2010 03:47:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2934	07/04/2010 03:47:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2935	07/04/2010 03:47:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2936	07/04/2010 03:47:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2937	07/04/2010 03:47:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2938	07/04/2010 03:47:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2939	07/04/2010 03:47:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2940	07/04/2010 03:48:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2941	07/04/2010 03:48:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2942	07/04/2010 03:48:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2943	07/04/2010 03:48:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2944	07/04/2010 03:48:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2945	07/04/2010 03:48:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2946	07/04/2010 03:48:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2947	07/04/2010 03:48:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2948	07/04/2010 03:48:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2949	07/04/2010 03:48:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2950	07/04/2010 03:49:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2951	07/04/2010 03:49:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2952	07/04/2010 03:49:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2953	07/04/2010 03:49:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2954	07/04/2010 03:49:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2955	07/04/2010 03:49:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2956	07/04/2010 03:49:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2957	07/04/2010 03:49:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2958	07/04/2010 03:49:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2959	07/04/2010 03:49:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2960	07/04/2010 03:50:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2961	07/04/2010 03:50:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2962	07/04/2010 03:50:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2963	07/04/2010 03:50:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2964	07/04/2010 03:50:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2965	07/04/2010 03:50:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2966	07/04/2010 03:50:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2967	07/04/2010 03:50:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2968	07/04/2010 03:50:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2969	07/04/2010 03:50:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2970	07/04/2010 03:51:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2971	07/04/2010 03:51:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2972	07/04/2010 03:51:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2973	07/04/2010 03:51:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2974	07/04/2010 03:51:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2975	07/04/2010 03:51:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2976	07/04/2010 03:51:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2977	07/04/2010 03:51:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2978	07/04/2010 03:51:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2979	07/04/2010 03:51:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2980	07/04/2010 03:52:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2981	07/04/2010 03:52:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2982	07/04/2010 03:52:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2983	07/04/2010 03:52:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2984	07/04/2010 03:52:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2985	07/04/2010 03:52:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2986	07/04/2010 03:52:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2987	07/04/2010 03:52:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2988	07/04/2010 03:52:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2989	07/04/2010 03:52:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2990	07/04/2010 03:53:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2991	07/04/2010 03:53:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2992	07/04/2010 03:53:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2993	07/04/2010 03:53:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2994	07/04/2010 03:53:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2995	07/04/2010 03:53:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2996	07/04/2010 03:53:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2997	07/04/2010 03:53:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
2998	07/04/2010 03:53:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
2999	07/04/2010 03:53:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3000	07/04/2010 03:54:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3001	07/04/2010 03:54:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3002	07/04/2010 03:54:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3003	07/04/2010 03:54:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3004	07/04/2010 03:54:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3005	07/04/2010 03:54:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3006	07/04/2010 03:54:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3007	07/04/2010 03:54:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3008	07/04/2010 03:54:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3009	07/04/2010 03:55:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3010	07/04/2010 03:55:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3011	07/04/2010 03:55:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3012	07/04/2010 03:55:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3013	07/04/2010 03:55:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3014	07/04/2010 03:55:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3015	07/04/2010 03:55:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3016	07/04/2010 03:55:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3017	07/04/2010 03:55:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3018	07/04/2010 03:55:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3019	07/04/2010 03:56:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3020	07/04/2010 03:56:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3021	07/04/2010 03:56:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3022	07/04/2010 03:56:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3023	07/04/2010 03:56:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3024	07/04/2010 03:56:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3025	07/04/2010 03:56:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3026	07/04/2010 03:56:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3027	07/04/2010 03:56:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3028	07/04/2010 03:56:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3029	07/04/2010 03:57:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3030	07/04/2010 03:57:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3031	07/04/2010 03:57:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3032	07/04/2010 03:57:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3033	07/04/2010 03:57:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3034	07/04/2010 03:57:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3035	07/04/2010 03:57:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3036	07/04/2010 03:57:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3037	07/04/2010 03:57:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3038	07/04/2010 03:57:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3039	07/04/2010 03:58:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3040	07/04/2010 03:58:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3041	07/04/2010 03:58:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3042	07/04/2010 03:58:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3043	07/04/2010 03:58:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3044	07/04/2010 03:58:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3045	07/04/2010 03:58:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3046	07/04/2010 03:58:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3047	07/04/2010 03:59:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3048	07/04/2010 03:59:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3049	07/04/2010 03:59:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3050	07/04/2010 03:59:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3051	07/04/2010 03:59:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3052	07/04/2010 03:59:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3053	07/04/2010 03:59:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3054	07/04/2010 03:59:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3055	07/04/2010 03:59:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3056	07/04/2010 04:00:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3057	07/04/2010 04:00:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3058	07/04/2010 04:00:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3059	07/04/2010 04:00:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3060	07/04/2010 04:00:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3061	07/04/2010 04:00:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3062	07/04/2010 04:00:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3063	07/04/2010 04:00:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3064	07/04/2010 04:00:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3065	07/04/2010 04:00:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3066	07/04/2010 04:00:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3067	07/04/2010 04:01:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3068	07/04/2010 04:01:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3069	07/04/2010 04:01:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3070	07/04/2010 04:01:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3071	07/04/2010 04:01:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3072	07/04/2010 04:01:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3073	07/04/2010 04:01:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3074	07/04/2010 04:01:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3075	07/04/2010 04:01:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3076	07/04/2010 04:01:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3077	07/04/2010 04:02:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3078	07/04/2010 04:02:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3079	07/04/2010 04:02:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3080	07/04/2010 04:02:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3081	07/04/2010 04:02:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3082	07/04/2010 04:02:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3083	07/04/2010 04:02:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3084	07/04/2010 04:02:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3085	07/04/2010 04:02:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3086	07/04/2010 04:02:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3087	07/04/2010 04:03:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3088	07/04/2010 04:03:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3089	07/04/2010 04:03:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3090	07/04/2010 04:03:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3091	07/04/2010 04:03:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3092	07/04/2010 04:03:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3093	07/04/2010 04:03:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3094	07/04/2010 04:03:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3095	07/04/2010 04:03:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3096	07/04/2010 04:03:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3097	07/04/2010 04:04:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3098	07/04/2010 04:04:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3099	07/04/2010 04:04:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3100	07/04/2010 04:04:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3101	07/04/2010 04:04:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3102	07/04/2010 04:04:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3103	07/04/2010 04:04:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3104	07/04/2010 04:04:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3105	07/04/2010 04:04:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3106	07/04/2010 04:04:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3107	07/04/2010 04:05:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3108	07/04/2010 04:05:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3109	07/04/2010 04:05:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3110	07/04/2010 04:05:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3111	07/04/2010 04:05:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3112	07/04/2010 04:05:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3113	07/04/2010 04:05:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3114	07/04/2010 04:05:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3115	07/04/2010 04:05:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3116	07/04/2010 04:06:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3117	07/04/2010 04:06:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3118	07/04/2010 04:06:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3119	07/04/2010 04:06:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3120	07/04/2010 04:06:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3121	07/04/2010 04:06:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3122	07/04/2010 04:06:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3123	07/04/2010 04:06:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3124	07/04/2010 04:06:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3125	07/04/2010 04:07:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3126	07/04/2010 04:07:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3127	07/04/2010 04:07:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3128	07/04/2010 04:07:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3129	07/04/2010 04:07:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3130	07/04/2010 04:07:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3131	07/04/2010 04:07:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3132	07/04/2010 04:07:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3133	07/04/2010 04:07:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3134	07/04/2010 04:07:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3135	07/04/2010 04:08:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3136	07/04/2010 04:08:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3137	07/04/2010 04:08:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3138	07/04/2010 04:08:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3139	07/04/2010 04:08:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3140	07/04/2010 04:08:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3141	07/04/2010 04:08:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3142	07/04/2010 04:08:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3143	07/04/2010 04:08:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3144	07/04/2010 04:08:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3145	07/04/2010 04:09:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3146	07/04/2010 04:09:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3147	07/04/2010 04:09:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3148	07/04/2010 04:09:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3149	07/04/2010 04:09:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3150	07/04/2010 04:09:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3151	07/04/2010 04:09:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3152	07/04/2010 04:09:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3153	07/04/2010 04:09:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3154	07/04/2010 04:09:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3155	07/04/2010 04:10:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3156	07/04/2010 04:10:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3157	07/04/2010 04:10:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3158	07/04/2010 04:10:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3159	07/04/2010 04:10:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3160	07/04/2010 04:10:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3161	07/04/2010 04:10:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3162	07/04/2010 04:10:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3163	07/04/2010 04:10:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3164	07/04/2010 04:11:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3165	07/04/2010 04:11:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3166	07/04/2010 04:11:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3167	07/04/2010 04:11:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3168	07/04/2010 04:11:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3169	07/04/2010 04:11:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3170	07/04/2010 04:11:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3171	07/04/2010 04:11:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3172	07/04/2010 04:11:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3173	07/04/2010 04:11:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3174	07/04/2010 04:12:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3175	07/04/2010 04:12:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3176	07/04/2010 04:12:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3177	07/04/2010 04:12:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3178	07/04/2010 04:12:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3179	07/04/2010 04:12:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3180	07/04/2010 04:12:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3181	07/04/2010 04:12:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3182	07/04/2010 04:12:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3183	07/04/2010 04:12:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3184	07/04/2010 04:13:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3185	07/04/2010 04:13:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3186	07/04/2010 04:13:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3187	07/04/2010 04:13:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3188	07/04/2010 04:13:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3189	07/04/2010 04:13:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3190	07/04/2010 04:13:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3191	07/04/2010 04:13:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3192	07/04/2010 04:13:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3193	07/04/2010 04:13:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3194	07/04/2010 04:14:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3195	07/04/2010 04:14:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3196	07/04/2010 04:14:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3197	07/04/2010 04:14:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3198	07/04/2010 04:14:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3199	07/04/2010 04:14:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3200	07/04/2010 04:14:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3201	07/04/2010 04:14:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3202	07/04/2010 04:14:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3203	07/04/2010 04:14:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3204	07/04/2010 04:15:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3205	07/04/2010 04:15:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3206	07/04/2010 04:15:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3207	07/04/2010 04:15:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3208	07/04/2010 04:15:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3209	07/04/2010 04:15:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3210	07/04/2010 04:15:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3211	07/04/2010 04:15:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3212	07/04/2010 04:15:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3213	07/04/2010 04:15:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3214	07/04/2010 04:16:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3215	07/04/2010 04:16:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3216	07/04/2010 04:16:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3217	07/04/2010 04:16:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3218	07/04/2010 04:16:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3219	07/04/2010 04:16:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3220	07/04/2010 04:16:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3221	07/04/2010 04:16:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3222	07/04/2010 04:16:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3223	07/04/2010 04:16:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3224	07/04/2010 04:17:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3225	07/04/2010 04:17:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3226	07/04/2010 04:17:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3227	07/04/2010 04:17:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3228	07/04/2010 04:17:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3229	07/04/2010 04:17:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3230	07/04/2010 04:17:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3231	07/04/2010 04:17:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3232	07/04/2010 04:17:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3233	07/04/2010 04:17:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3234	07/04/2010 04:18:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 155V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3235	07/04/2010 04:18:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3236	07/04/2010 04:18:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3237	07/04/2010 04:18:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3238	07/04/2010 04:18:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3239	07/04/2010 04:18:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3240	07/04/2010 04:18:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3241	07/04/2010 04:18:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3242	07/04/2010 04:18:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3243	07/04/2010 04:19:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3244	07/04/2010 04:19:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3245	07/04/2010 04:19:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3246	07/04/2010 04:19:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3247	07/04/2010 04:19:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3248	07/04/2010 04:19:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3249	07/04/2010 04:19:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3250	07/04/2010 04:19:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3251	07/04/2010 04:19:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3252	07/04/2010 04:19:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3253	07/04/2010 04:20:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3254	07/04/2010 04:20:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3255	07/04/2010 04:20:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3256	07/04/2010 04:20:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3257	07/04/2010 04:20:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3258	07/04/2010 04:20:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3259	07/04/2010 04:20:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3260	07/04/2010 04:20:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3261	07/04/2010 04:20:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3262	07/04/2010 04:21:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3263	07/04/2010 04:21:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3264	07/04/2010 04:21:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3265	07/04/2010 04:21:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 79V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3266	07/04/2010 04:21:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3267	07/04/2010 04:21:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3268	07/04/2010 04:21:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3269	07/04/2010 04:21:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3270	07/04/2010 04:21:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3271	07/04/2010 04:21:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3272	07/04/2010 04:22:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3273	07/04/2010 04:22:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3274	07/04/2010 04:22:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3275	07/04/2010 04:22:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3276	07/04/2010 04:22:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3277	07/04/2010 04:22:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3278	07/04/2010 04:22:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3279	07/04/2010 04:22:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3280	07/04/2010 04:22:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3281	07/04/2010 04:22:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3282	07/04/2010 04:23:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3283	07/04/2010 04:23:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3284	07/04/2010 04:23:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3285	07/04/2010 04:23:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3286	07/04/2010 04:23:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3287	07/04/2010 04:23:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3288	07/04/2010 04:23:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3289	07/04/2010 04:23:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3290	07/04/2010 04:23:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3291	07/04/2010 04:23:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3292	07/04/2010 04:24:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3293	07/04/2010 04:24:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3294	07/04/2010 04:24:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3295	07/04/2010 04:24:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3296	07/04/2010 04:24:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3297	07/04/2010 04:24:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3298	07/04/2010 04:24:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3299	07/04/2010 04:24:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3300	07/04/2010 04:24:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3301	07/04/2010 04:24:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3302	07/04/2010 04:25:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3303	07/04/2010 04:25:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3304	07/04/2010 04:25:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3305	07/04/2010 04:25:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3306	07/04/2010 04:25:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3307	07/04/2010 04:25:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3308	07/04/2010 04:25:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3309	07/04/2010 04:25:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3310	07/04/2010 04:25:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3311	07/04/2010 04:25:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3312	07/04/2010 04:26:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3313	07/04/2010 04:26:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3314	07/04/2010 04:26:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3315	07/04/2010 04:26:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3316	07/04/2010 04:26:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3317	07/04/2010 04:26:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3318	07/04/2010 04:26:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3319	07/04/2010 04:26:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3320	07/04/2010 04:26:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3321	07/04/2010 04:26:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3322	07/04/2010 04:27:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3323	07/04/2010 04:27:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3324	07/04/2010 04:27:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3325	07/04/2010 04:27:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3326	07/04/2010 04:27:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3327	07/04/2010 04:27:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3328	07/04/2010 04:27:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3329	07/04/2010 04:27:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3330	07/04/2010 04:27:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3331	07/04/2010 04:27:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3332	07/04/2010 04:28:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3333	07/04/2010 04:28:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3334	07/04/2010 04:28:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3335	07/04/2010 04:28:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3336	07/04/2010 04:28:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3337	07/04/2010 04:28:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3338	07/04/2010 04:28:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3339	07/04/2010 04:28:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3340	07/04/2010 04:28:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3341	07/04/2010 04:28:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3342	07/04/2010 04:29:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3343	07/04/2010 04:29:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3344	07/04/2010 04:29:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3345	07/04/2010 04:29:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3346	07/04/2010 04:29:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3347	07/04/2010 04:29:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3348	07/04/2010 04:29:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3349	07/04/2010 04:29:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3350	07/04/2010 04:29:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3351	07/04/2010 04:30:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3352	07/04/2010 04:30:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3353	07/04/2010 04:30:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3354	07/04/2010 04:30:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3355	07/04/2010 04:30:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3356	07/04/2010 04:30:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3357	07/04/2010 04:30:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3358	07/04/2010 04:30:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3359	07/04/2010 04:30:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3360	07/04/2010 04:30:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3361	07/04/2010 04:31:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3362	07/04/2010 04:31:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3363	07/04/2010 04:31:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3364	07/04/2010 04:31:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3365	07/04/2010 04:31:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3366	07/04/2010 04:31:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3367	07/04/2010 04:31:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3368	07/04/2010 04:31:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3369	07/04/2010 04:31:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3370	07/04/2010 04:31:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3371	07/04/2010 04:32:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3372	07/04/2010 04:32:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3373	07/04/2010 04:32:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3374	07/04/2010 04:32:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3375	07/04/2010 04:32:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3376	07/04/2010 04:32:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3377	07/04/2010 04:32:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3378	07/04/2010 04:32:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3379	07/04/2010 04:32:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3380	07/04/2010 04:32:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3381	07/04/2010 04:32:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3382	07/04/2010 04:33:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3383	07/04/2010 04:33:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3384	07/04/2010 04:33:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3385	07/04/2010 04:33:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3386	07/04/2010 04:33:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3387	07/04/2010 04:33:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3388	07/04/2010 04:33:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3389	07/04/2010 04:33:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3390	07/04/2010 04:33:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3391	07/04/2010 04:33:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3392	07/04/2010 04:34:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3393	07/04/2010 04:34:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3394	07/04/2010 04:34:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3395	07/04/2010 04:34:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3396	07/04/2010 04:34:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3397	07/04/2010 04:34:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3398	07/04/2010 04:34:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3399	07/04/2010 04:34:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3400	07/04/2010 04:34:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3401	07/04/2010 04:34:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3402	07/04/2010 04:35:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3403	07/04/2010 04:35:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3404	07/04/2010 04:35:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3405	07/04/2010 04:35:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3406	07/04/2010 04:35:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3407	07/04/2010 04:35:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3408	07/04/2010 04:35:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3409	07/04/2010 04:35:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3410	07/04/2010 04:35:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3411	07/04/2010 04:35:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3412	07/04/2010 04:36:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3413	07/04/2010 04:36:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3414	07/04/2010 04:36:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3415	07/04/2010 04:36:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3416	07/04/2010 04:36:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3417	07/04/2010 04:36:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3418	07/04/2010 04:36:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3419	07/04/2010 04:36:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3420	07/04/2010 04:36:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3421	07/04/2010 04:36:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3422	07/04/2010 04:37:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3423	07/04/2010 04:37:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3424	07/04/2010 04:37:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3425	07/04/2010 04:37:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3426	07/04/2010 04:37:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3427	07/04/2010 04:37:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3428	07/04/2010 04:37:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3429	07/04/2010 04:37:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3430	07/04/2010 04:37:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3431	07/04/2010 04:37:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3432	07/04/2010 04:38:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3433	07/04/2010 04:38:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3434	07/04/2010 04:38:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3435	07/04/2010 04:38:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3436	07/04/2010 04:38:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3437	07/04/2010 04:38:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3438	07/04/2010 04:38:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3439	07/04/2010 04:38:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3440	07/04/2010 04:38:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3441	07/04/2010 04:38:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3442	07/04/2010 04:39:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3443	07/04/2010 04:39:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3444	07/04/2010 04:39:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3445	07/04/2010 04:39:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3446	07/04/2010 04:39:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3447	07/04/2010 04:39:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3448	07/04/2010 04:39:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3449	07/04/2010 04:39:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3450	07/04/2010 04:39:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3451	07/04/2010 04:40:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3452	07/04/2010 04:40:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3453	07/04/2010 04:40:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3454	07/04/2010 04:40:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3455	07/04/2010 04:40:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3456	07/04/2010 04:40:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3457	07/04/2010 04:40:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3458	07/04/2010 04:40:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3459	07/04/2010 04:40:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3460	07/04/2010 04:40:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3461	07/04/2010 04:41:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3462	07/04/2010 04:41:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3463	07/04/2010 04:41:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3464	07/04/2010 04:41:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3465	07/04/2010 04:41:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3466	07/04/2010 04:41:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3467	07/04/2010 04:41:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3468	07/04/2010 04:41:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3469	07/04/2010 04:41:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3470	07/04/2010 04:41:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3471	07/04/2010 04:42:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3472	07/04/2010 04:42:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3473	07/04/2010 04:42:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3474	07/04/2010 04:42:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3475	07/04/2010 04:42:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3476	07/04/2010 04:42:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3477	07/04/2010 04:42:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3478	07/04/2010 04:42:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3479	07/04/2010 04:42:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3480	07/04/2010 04:43:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3481	07/04/2010 04:43:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3482	07/04/2010 04:43:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3483	07/04/2010 04:43:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3484	07/04/2010 04:43:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3485	07/04/2010 04:43:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3486	07/04/2010 04:43:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3487	07/04/2010 04:43:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3488	07/04/2010 04:43:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3489	07/04/2010 04:43:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3490	07/04/2010 04:44:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3491	07/04/2010 04:44:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3492	07/04/2010 04:44:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3493	07/04/2010 04:44:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3494	07/04/2010 04:44:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3495	07/04/2010 04:44:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3496	07/04/2010 04:44:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3497	07/04/2010 04:44:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3498	07/04/2010 04:44:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3499	07/04/2010 04:44:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3500	07/04/2010 04:45:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3501	07/04/2010 04:45:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3502	07/04/2010 04:45:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3503	07/04/2010 04:45:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3504	07/04/2010 04:45:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3505	07/04/2010 04:45:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3506	07/04/2010 04:45:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3507	07/04/2010 04:45:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3508	07/04/2010 04:45:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3509	07/04/2010 04:45:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3510	07/04/2010 04:45:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3511	07/04/2010 04:46:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3512	07/04/2010 04:46:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3513	07/04/2010 04:46:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3514	07/04/2010 04:46:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3515	07/04/2010 04:46:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3516	07/04/2010 04:46:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3517	07/04/2010 04:46:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3518	07/04/2010 04:46:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3519	07/04/2010 04:46:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3520	07/04/2010 04:46:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3521	07/04/2010 04:47:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3522	07/04/2010 04:47:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3523	07/04/2010 04:47:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3524	07/04/2010 04:47:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3525	07/04/2010 04:47:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3526	07/04/2010 04:47:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3527	07/04/2010 04:47:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3528	07/04/2010 04:47:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3529	07/04/2010 04:47:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3530	07/04/2010 04:48:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3531	07/04/2010 04:48:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3532	07/04/2010 04:48:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3533	07/04/2010 04:48:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3534	07/04/2010 04:48:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3535	07/04/2010 04:48:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3536	07/04/2010 04:48:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3537	07/04/2010 04:48:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3538	07/04/2010 04:48:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3539	07/04/2010 04:48:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3540	07/04/2010 04:49:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3541	07/04/2010 04:49:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3542	07/04/2010 04:49:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3543	07/04/2010 04:49:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3544	07/04/2010 04:49:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3545	07/04/2010 04:49:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3546	07/04/2010 04:49:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3547	07/04/2010 04:49:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3548	07/04/2010 04:49:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3549	07/04/2010 04:49:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3550	07/04/2010 04:50:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3551	07/04/2010 04:50:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3552	07/04/2010 04:50:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3553	07/04/2010 04:50:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3554	07/04/2010 04:50:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3555	07/04/2010 04:50:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3556	07/04/2010 04:50:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3557	07/04/2010 04:50:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3558	07/04/2010 04:50:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3559	07/04/2010 04:50:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3560	07/04/2010 04:51:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3561	07/04/2010 04:51:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3562	07/04/2010 04:51:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3563	07/04/2010 04:51:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3564	07/04/2010 04:51:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3565	07/04/2010 04:51:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3566	07/04/2010 04:51:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3567	07/04/2010 04:51:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3568	07/04/2010 04:51:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3569	07/04/2010 04:51:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3570	07/04/2010 04:52:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3571	07/04/2010 04:52:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3572	07/04/2010 04:52:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3573	07/04/2010 04:52:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3574	07/04/2010 04:52:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3575	07/04/2010 04:52:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3576	07/04/2010 04:52:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3577	07/04/2010 04:52:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3578	07/04/2010 04:52:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3579	07/04/2010 04:52:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3580	07/04/2010 04:53:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3581	07/04/2010 04:53:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3582	07/04/2010 04:53:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3583	07/04/2010 04:53:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3584	07/04/2010 04:53:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3585	07/04/2010 04:53:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3586	07/04/2010 04:53:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3587	07/04/2010 04:53:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3588	07/04/2010 04:53:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3589	07/04/2010 04:54:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3590	07/04/2010 04:54:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3591	07/04/2010 04:54:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3592	07/04/2010 04:54:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3593	07/04/2010 04:54:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3594	07/04/2010 04:54:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3595	07/04/2010 04:54:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3596	07/04/2010 04:54:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3597	07/04/2010 04:54:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3598	07/04/2010 04:54:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3599	07/04/2010 04:55:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3600	07/04/2010 04:55:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3601	07/04/2010 04:55:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3602	07/04/2010 04:55:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3603	07/04/2010 04:55:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3604	07/04/2010 04:55:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3605	07/04/2010 04:55:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3606	07/04/2010 04:55:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3607	07/04/2010 04:55:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3608	07/04/2010 04:55:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3609	07/04/2010 04:55:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3610	07/04/2010 04:56:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3611	07/04/2010 04:56:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3612	07/04/2010 04:56:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3613	07/04/2010 04:56:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3614	07/04/2010 04:56:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3615	07/04/2010 04:56:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3616	07/04/2010 04:56:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3617	07/04/2010 04:56:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3618	07/04/2010 04:56:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3619	07/04/2010 04:57:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3620	07/04/2010 04:57:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3621	07/04/2010 04:57:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3622	07/04/2010 04:57:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3623	07/04/2010 04:57:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3624	07/04/2010 04:57:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3625	07/04/2010 04:57:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3626	07/04/2010 04:57:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3627	07/04/2010 04:57:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3628	07/04/2010 04:57:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3629	07/04/2010 04:57:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3630	07/04/2010 04:58:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3631	07/04/2010 04:58:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3632	07/04/2010 04:58:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3633	07/04/2010 04:58:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3634	07/04/2010 04:58:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3635	07/04/2010 04:58:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3636	07/04/2010 04:58:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3637	07/04/2010 04:58:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3638	07/04/2010 04:58:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3639	07/04/2010 04:59:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3640	07/04/2010 04:59:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3641	07/04/2010 04:59:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3642	07/04/2010 04:59:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3643	07/04/2010 04:59:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3644	07/04/2010 04:59:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3645	07/04/2010 04:59:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3646	07/04/2010 04:59:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3647	07/04/2010 04:59:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3648	07/04/2010 04:59:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3649	07/04/2010 05:00:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3650	07/04/2010 05:00:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3651	07/04/2010 05:00:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3652	07/04/2010 05:00:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3653	07/04/2010 05:00:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3654	07/04/2010 05:00:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3655	07/04/2010 05:00:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3656	07/04/2010 05:00:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3657	07/04/2010 05:00:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3658	07/04/2010 05:00:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3659	07/04/2010 05:01:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3660	07/04/2010 05:01:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3661	07/04/2010 05:01:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3662	07/04/2010 05:01:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3663	07/04/2010 05:01:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3664	07/04/2010 05:01:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3665	07/04/2010 05:01:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3666	07/04/2010 05:01:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3667	07/04/2010 05:01:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3668	07/04/2010 05:01:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3669	07/04/2010 05:02:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3670	07/04/2010 05:02:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3671	07/04/2010 05:02:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3672	07/04/2010 05:02:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3673	07/04/2010 05:02:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3674	07/04/2010 05:02:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3675	07/04/2010 05:02:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3676	07/04/2010 05:02:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3677	07/04/2010 05:02:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3678	07/04/2010 05:02:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3679	07/04/2010 05:03:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3680	07/04/2010 05:03:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3681	07/04/2010 05:03:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3682	07/04/2010 05:03:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3683	07/04/2010 05:03:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3684	07/04/2010 05:03:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3685	07/04/2010 05:03:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3686	07/04/2010 05:03:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3687	07/04/2010 05:03:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3688	07/04/2010 05:03:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3689	07/04/2010 05:03:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3690	07/04/2010 05:04:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3691	07/04/2010 05:04:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3692	07/04/2010 05:04:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3693	07/04/2010 05:04:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3694	07/04/2010 05:04:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3695	07/04/2010 05:04:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3696	07/04/2010 05:04:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3697	07/04/2010 05:04:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3698	07/04/2010 05:04:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3699	07/04/2010 05:04:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3700	07/04/2010 05:05:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3701	07/04/2010 05:05:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3702	07/04/2010 05:05:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3703	07/04/2010 05:05:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3704	07/04/2010 05:05:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3705	07/04/2010 05:05:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3706	07/04/2010 05:05:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3707	07/04/2010 05:05:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3708	07/04/2010 05:05:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3709	07/04/2010 05:05:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3710	07/04/2010 05:06:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3711	07/04/2010 05:06:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3712	07/04/2010 05:06:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3713	07/04/2010 05:06:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3714	07/04/2010 05:06:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3715	07/04/2010 05:06:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3716	07/04/2010 05:06:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3717	07/04/2010 05:06:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3718	07/04/2010 05:06:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3719	07/04/2010 05:07:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3720	07/04/2010 05:07:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3721	07/04/2010 05:07:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3722	07/04/2010 05:07:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3723	07/04/2010 05:07:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3724	07/04/2010 05:07:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3725	07/04/2010 05:07:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3726	07/04/2010 05:07:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3727	07/04/2010 05:07:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3728	07/04/2010 05:07:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3729	07/04/2010 05:08:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3730	07/04/2010 05:08:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3731	07/04/2010 05:08:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3732	07/04/2010 05:08:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3733	07/04/2010 05:08:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3734	07/04/2010 05:08:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3735	07/04/2010 05:08:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3736	07/04/2010 05:08:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3737	07/04/2010 05:08:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3738	07/04/2010 05:08:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3739	07/04/2010 05:09:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3740	07/04/2010 05:09:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3741	07/04/2010 05:09:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3742	07/04/2010 05:09:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3743	07/04/2010 05:09:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3744	07/04/2010 05:09:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3745	07/04/2010 05:09:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3746	07/04/2010 05:09:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3747	07/04/2010 05:09:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3748	07/04/2010 05:09:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3749	07/04/2010 05:10:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3750	07/04/2010 05:10:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3751	07/04/2010 05:10:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3752	07/04/2010 05:10:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3753	07/04/2010 05:10:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3754	07/04/2010 05:10:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3755	07/04/2010 05:10:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3756	07/04/2010 05:10:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3757	07/04/2010 05:10:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3758	07/04/2010 05:10:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3759	07/04/2010 05:11:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3760	07/04/2010 05:11:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3761	07/04/2010 05:11:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3762	07/04/2010 05:11:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3763	07/04/2010 05:11:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3764	07/04/2010 05:11:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3765	07/04/2010 05:11:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3766	07/04/2010 05:11:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3767	07/04/2010 05:11:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3768	07/04/2010 05:11:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3769	07/04/2010 05:12:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3770	07/04/2010 05:12:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3771	07/04/2010 05:12:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3772	07/04/2010 05:12:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3773	07/04/2010 05:12:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3774	07/04/2010 05:12:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3775	07/04/2010 05:12:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3776	07/04/2010 05:12:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3777	07/04/2010 05:12:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3778	07/04/2010 05:12:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3779	07/04/2010 05:13:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3780	07/04/2010 05:13:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3781	07/04/2010 05:13:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3782	07/04/2010 05:13:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3783	07/04/2010 05:13:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3784	07/04/2010 05:13:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3785	07/04/2010 05:13:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3786	07/04/2010 05:13:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3787	07/04/2010 05:13:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3788	07/04/2010 05:13:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3789	07/04/2010 05:14:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3790	07/04/2010 05:14:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3791	07/04/2010 05:14:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3792	07/04/2010 05:14:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3793	07/04/2010 05:14:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3794	07/04/2010 05:14:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3795	07/04/2010 05:14:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3796	07/04/2010 05:14:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3797	07/04/2010 05:14:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3798	07/04/2010 05:14:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3799	07/04/2010 05:15:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3800	07/04/2010 05:15:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3801	07/04/2010 05:15:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3802	07/04/2010 05:15:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3803	07/04/2010 05:15:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3804	07/04/2010 05:15:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3805	07/04/2010 05:15:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3806	07/04/2010 05:15:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3807	07/04/2010 05:15:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3808	07/04/2010 05:15:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3809	07/04/2010 05:16:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3810	07/04/2010 05:16:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3811	07/04/2010 05:16:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3812	07/04/2010 05:16:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3813	07/04/2010 05:16:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3814	07/04/2010 05:16:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3815	07/04/2010 05:16:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3816	07/04/2010 05:16:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3817	07/04/2010 05:16:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3818	07/04/2010 05:16:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3819	07/04/2010 05:17:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3820	07/04/2010 05:17:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3821	07/04/2010 05:17:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3822	07/04/2010 05:17:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3823	07/04/2010 05:17:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3824	07/04/2010 05:17:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3825	07/04/2010 05:17:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3826	07/04/2010 05:17:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3827	07/04/2010 05:17:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3828	07/04/2010 05:18:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3829	07/04/2010 05:18:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3830	07/04/2010 05:18:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3831	07/04/2010 05:18:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3832	07/04/2010 05:18:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3833	07/04/2010 05:18:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3834	07/04/2010 05:18:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3835	07/04/2010 05:18:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3836	07/04/2010 05:18:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3837	07/04/2010 05:18:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3838	07/04/2010 05:19:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3839	07/04/2010 05:19:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3840	07/04/2010 05:19:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3841	07/04/2010 05:19:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3842	07/04/2010 05:19:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3843	07/04/2010 05:19:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3844	07/04/2010 05:19:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3845	07/04/2010 05:19:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3846	07/04/2010 05:19:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3847	07/04/2010 05:19:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3848	07/04/2010 05:20:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3849	07/04/2010 05:20:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3850	07/04/2010 05:20:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3851	07/04/2010 05:20:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3852	07/04/2010 05:20:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3853	07/04/2010 05:20:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3854	07/04/2010 05:20:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3855	07/04/2010 05:20:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3856	07/04/2010 05:20:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3857	07/04/2010 05:20:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3858	07/04/2010 05:21:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3859	07/04/2010 05:21:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3860	07/04/2010 05:21:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3861	07/04/2010 05:21:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3862	07/04/2010 05:21:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3863	07/04/2010 05:21:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3864	07/04/2010 05:21:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3865	07/04/2010 05:21:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3866	07/04/2010 05:21:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3867	07/04/2010 05:21:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3868	07/04/2010 05:22:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3869	07/04/2010 05:22:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3870	07/04/2010 05:22:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3871	07/04/2010 05:22:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3872	07/04/2010 05:22:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3873	07/04/2010 05:22:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3874	07/04/2010 05:22:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3875	07/04/2010 05:22:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3876	07/04/2010 05:22:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3877	07/04/2010 05:22:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3878	07/04/2010 05:23:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3879	07/04/2010 05:23:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3880	07/04/2010 05:23:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3881	07/04/2010 05:23:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3882	07/04/2010 05:23:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3883	07/04/2010 05:23:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3884	07/04/2010 05:23:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3885	07/04/2010 05:23:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3886	07/04/2010 05:23:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3887	07/04/2010 05:23:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3888	07/04/2010 05:24:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3889	07/04/2010 05:24:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3890	07/04/2010 05:24:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3891	07/04/2010 05:24:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3892	07/04/2010 05:24:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3893	07/04/2010 05:24:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3894	07/04/2010 05:24:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3895	07/04/2010 05:24:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3896	07/04/2010 05:24:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3897	07/04/2010 05:24:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3898	07/04/2010 05:25:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3899	07/04/2010 05:25:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3900	07/04/2010 05:25:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3901	07/04/2010 05:25:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3902	07/04/2010 05:25:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3903	07/04/2010 05:25:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3904	07/04/2010 05:25:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3905	07/04/2010 05:25:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3906	07/04/2010 05:25:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3907	07/04/2010 05:25:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3908	07/04/2010 05:26:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3909	07/04/2010 05:26:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3910	07/04/2010 05:26:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3911	07/04/2010 05:26:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3912	07/04/2010 05:26:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3913	07/04/2010 05:26:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3914	07/04/2010 05:26:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3915	07/04/2010 05:26:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3916	07/04/2010 05:26:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3917	07/04/2010 05:26:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3918	07/04/2010 05:27:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3919	07/04/2010 05:27:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3920	07/04/2010 05:27:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3921	07/04/2010 05:27:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3922	07/04/2010 05:27:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3923	07/04/2010 05:27:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3924	07/04/2010 05:27:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3925	07/04/2010 05:27:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3926	07/04/2010 05:27:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3927	07/04/2010 05:28:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3928	07/04/2010 05:28:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3929	07/04/2010 05:28:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3930	07/04/2010 05:28:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3931	07/04/2010 05:28:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3932	07/04/2010 05:28:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3933	07/04/2010 05:28:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3934	07/04/2010 05:28:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3935	07/04/2010 05:28:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3936	07/04/2010 05:28:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3937	07/04/2010 05:29:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 79V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3938	07/04/2010 05:29:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3939	07/04/2010 05:29:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3940	07/04/2010 05:29:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3941	07/04/2010 05:29:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3942	07/04/2010 05:29:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3943	07/04/2010 05:29:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3944	07/04/2010 05:29:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3945	07/04/2010 05:29:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3946	07/04/2010 05:29:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3947	07/04/2010 05:30:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3948	07/04/2010 05:30:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3949	07/04/2010 05:30:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3950	07/04/2010 05:30:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3951	07/04/2010 05:30:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3952	07/04/2010 05:30:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3953	07/04/2010 05:30:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3954	07/04/2010 05:30:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3955	07/04/2010 05:30:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3956	07/04/2010 05:30:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3957	07/04/2010 05:31:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3958	07/04/2010 05:31:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3959	07/04/2010 05:31:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3960	07/04/2010 05:31:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3961	07/04/2010 05:31:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3962	07/04/2010 05:31:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3963	07/04/2010 05:31:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3964	07/04/2010 05:31:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3965	07/04/2010 05:31:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3966	07/04/2010 05:31:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3967	07/04/2010 05:32:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3968	07/04/2010 05:32:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3969	07/04/2010 05:32:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3970	07/04/2010 05:32:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3971	07/04/2010 05:32:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3972	07/04/2010 05:32:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3973	07/04/2010 05:32:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3974	07/04/2010 05:32:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3975	07/04/2010 05:32:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3976	07/04/2010 05:32:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3977	07/04/2010 05:33:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3978	07/04/2010 05:33:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3979	07/04/2010 05:33:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3980	07/04/2010 05:33:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3981	07/04/2010 05:33:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3982	07/04/2010 05:33:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3983	07/04/2010 05:33:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3984	07/04/2010 05:33:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3985	07/04/2010 05:33:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3986	07/04/2010 05:33:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3987	07/04/2010 05:34:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3988	07/04/2010 05:34:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
3989	07/04/2010 05:34:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3990	07/04/2010 05:34:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3991	07/04/2010 05:34:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3992	07/04/2010 05:34:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3993	07/04/2010 05:34:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3994	07/04/2010 05:34:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3995	07/04/2010 05:34:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3996	07/04/2010 05:34:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3997	07/04/2010 05:35:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3998	07/04/2010 05:35:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
3999	07/04/2010 05:35:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4000	07/04/2010 05:35:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4001	07/04/2010 05:35:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4002	07/04/2010 05:35:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4003	07/04/2010 05:35:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4004	07/04/2010 05:35:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4005	07/04/2010 05:35:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
	07/04/2010 05:35:56	Gun String 1 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 4.27s into shot
4006	07/04/2010 05:35:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4007	07/04/2010 05:36:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4008	07/04/2010 05:36:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4009	07/04/2010 05:36:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4010	07/04/2010 05:36:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4011	07/04/2010 05:36:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4012	07/04/2010 05:36:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4013	07/04/2010 05:36:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4014	07/04/2010 05:36:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4015	07/04/2010 05:36:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4016	07/04/2010 05:37:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4017	07/04/2010 05:37:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4018	07/04/2010 05:37:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4019	07/04/2010 05:37:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4020	07/04/2010 05:37:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4021	07/04/2010 05:37:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4022	07/04/2010 05:37:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4023	07/04/2010 05:37:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4024	07/04/2010 05:37:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4025	07/04/2010 05:37:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4026	07/04/2010 05:38:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4027	07/04/2010 05:38:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4028	07/04/2010 05:38:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4029	07/04/2010 05:38:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4030	07/04/2010 05:38:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4031	07/04/2010 05:38:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4032	07/04/2010 05:38:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4033	07/04/2010 05:38:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4034	07/04/2010 05:38:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4035	07/04/2010 05:38:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4036	07/04/2010 05:39:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4037	07/04/2010 05:39:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4038	07/04/2010 05:39:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4039	07/04/2010 05:39:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4040	07/04/2010 05:39:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4041	07/04/2010 05:39:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4042	07/04/2010 05:39:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4043	07/04/2010 05:39:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4044	07/04/2010 05:39:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4045	07/04/2010 05:39:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4046	07/04/2010 05:40:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4047	07/04/2010 05:40:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4048	07/04/2010 05:40:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4049	07/04/2010 05:40:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4050	07/04/2010 05:40:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4051	07/04/2010 05:40:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4052	07/04/2010 05:40:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4053	07/04/2010 05:40:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4054	07/04/2010 05:40:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4055	07/04/2010 05:40:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4056	07/04/2010 05:41:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4057	07/04/2010 05:41:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4058	07/04/2010 05:41:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4059	07/04/2010 05:41:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4060	07/04/2010 05:41:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4061	07/04/2010 05:41:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4062	07/04/2010 05:41:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4063	07/04/2010 05:41:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4064	07/04/2010 05:41:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4065	07/04/2010 05:41:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4066	07/04/2010 05:42:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4067	07/04/2010 05:42:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4068	07/04/2010 05:42:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4069	07/04/2010 05:42:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4070	07/04/2010 05:42:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4071	07/04/2010 05:42:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4072	07/04/2010 05:42:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4073	07/04/2010 05:42:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4074	07/04/2010 05:42:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4075	07/04/2010 05:42:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4076	07/04/2010 05:43:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4077	07/04/2010 05:43:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4078	07/04/2010 05:43:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4079	07/04/2010 05:43:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4080	07/04/2010 05:43:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4081	07/04/2010 05:43:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4082	07/04/2010 05:43:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4083	07/04/2010 05:43:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4084	07/04/2010 05:43:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4085	07/04/2010 05:43:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4086	07/04/2010 05:44:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4087	07/04/2010 05:44:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4088	07/04/2010 05:44:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4089	07/04/2010 05:44:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4090	07/04/2010 05:44:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4091	07/04/2010 05:44:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4092	07/04/2010 05:44:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4093	07/04/2010 05:44:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4094	07/04/2010 05:44:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4095	07/04/2010 05:44:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4096	07/04/2010 05:45:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4097	07/04/2010 05:45:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4098	07/04/2010 05:45:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4099	07/04/2010 05:45:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4100	07/04/2010 05:45:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4101	07/04/2010 05:45:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4102	07/04/2010 05:45:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4103	07/04/2010 05:45:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4104	07/04/2010 05:45:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4105	07/04/2010 05:45:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4106	07/04/2010 05:46:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4107	07/04/2010 05:46:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4108	07/04/2010 05:46:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4109	07/04/2010 05:46:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4110	07/04/2010 05:46:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4111	07/04/2010 05:46:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4112	07/04/2010 05:46:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4113	07/04/2010 05:46:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4114	07/04/2010 05:46:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4115	07/04/2010 05:46:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4116	07/04/2010 05:47:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4117	07/04/2010 05:47:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4118	07/04/2010 05:47:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4119	07/04/2010 05:47:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4120	07/04/2010 05:47:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4121	07/04/2010 05:47:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4122	07/04/2010 05:47:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4123	07/04/2010 05:47:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4124	07/04/2010 05:47:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4125	07/04/2010 05:47:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4126	07/04/2010 05:48:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 84V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4127	07/04/2010 05:48:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4128	07/04/2010 05:48:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4129	07/04/2010 05:48:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4130	07/04/2010 05:48:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4131	07/04/2010 05:48:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4132	07/04/2010 05:48:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4133	07/04/2010 05:48:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4134	07/04/2010 05:48:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4135	07/04/2010 05:48:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4136	07/04/2010 05:49:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4137	07/04/2010 05:49:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4138	07/04/2010 05:49:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4139	07/04/2010 05:49:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4140	07/04/2010 05:49:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4141	07/04/2010 05:49:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4142	07/04/2010 05:49:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4143	07/04/2010 05:49:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4144	07/04/2010 05:49:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4145	07/04/2010 05:49:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4146	07/04/2010 05:50:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4147	07/04/2010 05:50:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4148	07/04/2010 05:50:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4149	07/04/2010 05:50:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4150	07/04/2010 05:50:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4151	07/04/2010 05:50:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 155V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4152	07/04/2010 05:50:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4153	07/04/2010 05:50:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4154	07/04/2010 05:50:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4155	07/04/2010 05:50:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4156	07/04/2010 05:51:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4157	07/04/2010 05:51:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4158	07/04/2010 05:51:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4159	07/04/2010 05:51:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4160	07/04/2010 05:51:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4161	07/04/2010 05:51:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4162	07/04/2010 05:51:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4163	07/04/2010 05:51:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4164	07/04/2010 05:51:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4165	07/04/2010 05:51:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4166	07/04/2010 05:52:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4167	07/04/2010 05:52:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4168	07/04/2010 05:52:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4169	07/04/2010 05:52:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4170	07/04/2010 05:52:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4171	07/04/2010 05:52:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4172	07/04/2010 05:52:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4173	07/04/2010 05:52:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4174	07/04/2010 05:52:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4175	07/04/2010 05:53:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4176	07/04/2010 05:53:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4177	07/04/2010 05:53:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4178	07/04/2010 05:53:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4179	07/04/2010 05:53:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4180	07/04/2010 05:53:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4181	07/04/2010 05:53:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4182	07/04/2010 05:53:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4183	07/04/2010 05:53:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4184	07/04/2010 05:53:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4185	07/04/2010 05:54:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4186	07/04/2010 05:54:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4187	07/04/2010 05:54:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4188	07/04/2010 05:54:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4189	07/04/2010 05:54:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4190	07/04/2010 05:54:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4191	07/04/2010 05:54:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4192	07/04/2010 05:54:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4193	07/04/2010 05:54:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4194	07/04/2010 05:54:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4195	07/04/2010 05:55:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4196	07/04/2010 05:55:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4197	07/04/2010 05:55:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4198	07/04/2010 05:55:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4199	07/04/2010 05:55:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4200	07/04/2010 05:55:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4201	07/04/2010 05:55:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4202	07/04/2010 05:55:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4203	07/04/2010 05:55:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4204	07/04/2010 05:55:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4205	07/04/2010 05:56:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4206	07/04/2010 05:56:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4207	07/04/2010 05:56:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4208	07/04/2010 05:56:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4209	07/04/2010 05:56:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4210	07/04/2010 05:56:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4211	07/04/2010 05:56:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4212	07/04/2010 05:56:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4213	07/04/2010 05:56:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4214	07/04/2010 05:56:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4215	07/04/2010 05:57:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4216	07/04/2010 05:57:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4217	07/04/2010 05:57:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4218	07/04/2010 05:57:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4219	07/04/2010 05:57:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4220	07/04/2010 05:57:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4221	07/04/2010 05:57:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4222	07/04/2010 05:57:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4223	07/04/2010 05:57:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4224	07/04/2010 05:57:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4225	07/04/2010 05:58:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4226	07/04/2010 05:58:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4227	07/04/2010 05:58:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4228	07/04/2010 05:58:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4229	07/04/2010 05:58:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4230	07/04/2010 05:58:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4231	07/04/2010 05:58:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4232	07/04/2010 05:58:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4233	07/04/2010 05:58:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4234	07/04/2010 05:58:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4235	07/04/2010 05:59:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4236	07/04/2010 05:59:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4237	07/04/2010 05:59:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4238	07/04/2010 05:59:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4239	07/04/2010 05:59:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4240	07/04/2010 05:59:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4241	07/04/2010 05:59:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4242	07/04/2010 05:59:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4243	07/04/2010 05:59:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4244	07/04/2010 05:59:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4245	07/04/2010 06:00:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4246	07/04/2010 06:00:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4247	07/04/2010 06:00:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4248	07/04/2010 06:00:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4249	07/04/2010 06:00:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4250	07/04/2010 06:00:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4251	07/04/2010 06:00:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4252	07/04/2010 06:00:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4253	07/04/2010 06:00:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4254	07/04/2010 06:00:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4255	07/04/2010 06:01:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4256	07/04/2010 06:01:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4257	07/04/2010 06:01:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4258	07/04/2010 06:01:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4259	07/04/2010 06:01:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4260	07/04/2010 06:01:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4261	07/04/2010 06:01:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4262	07/04/2010 06:01:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4263	07/04/2010 06:01:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4264	07/04/2010 06:01:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4265	07/04/2010 06:02:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4266	07/04/2010 06:02:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4267	07/04/2010 06:02:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4268	07/04/2010 06:02:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4269	07/04/2010 06:02:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4270	07/04/2010 06:02:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4271	07/04/2010 06:02:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4272	07/04/2010 06:02:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4273	07/04/2010 06:02:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4274	07/04/2010 06:03:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4275	07/04/2010 06:03:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4276	07/04/2010 06:03:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4277	07/04/2010 06:03:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4278	07/04/2010 06:03:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4279	07/04/2010 06:03:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4280	07/04/2010 06:03:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4281	07/04/2010 06:03:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4282	07/04/2010 06:03:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4283	07/04/2010 06:03:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4284	07/04/2010 06:03:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4285	07/04/2010 06:04:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4286	07/04/2010 06:04:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4287	07/04/2010 06:04:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4288	07/04/2010 06:04:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4289	07/04/2010 06:04:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4290	07/04/2010 06:04:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4291	07/04/2010 06:04:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4292	07/04/2010 06:04:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4293	07/04/2010 06:04:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4294	07/04/2010 06:04:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4295	07/04/2010 06:05:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4296	07/04/2010 06:05:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4297	07/04/2010 06:05:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4298	07/04/2010 06:05:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4299	07/04/2010 06:05:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4300	07/04/2010 06:05:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4301	07/04/2010 06:05:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4302	07/04/2010 06:05:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4303	07/04/2010 06:05:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4304	07/04/2010 06:05:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4305	07/04/2010 06:06:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4306	07/04/2010 06:06:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4307	07/04/2010 06:06:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4308	07/04/2010 06:06:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4309	07/04/2010 06:06:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4310	07/04/2010 06:06:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4311	07/04/2010 06:06:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4312	07/04/2010 06:06:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4313	07/04/2010 06:06:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4314	07/04/2010 06:07:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4315	07/04/2010 06:07:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4316	07/04/2010 06:07:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4317	07/04/2010 06:07:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4318	07/04/2010 06:07:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4319	07/04/2010 06:07:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4320	07/04/2010 06:07:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4321	07/04/2010 06:07:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4322	07/04/2010 06:07:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 84V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4323	07/04/2010 06:07:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4324	07/04/2010 06:08:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4325	07/04/2010 06:08:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4326	07/04/2010 06:08:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4327	07/04/2010 06:08:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4328	07/04/2010 06:08:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4329	07/04/2010 06:08:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4330	07/04/2010 06:08:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4331	07/04/2010 06:08:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4332	07/04/2010 06:08:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4333	07/04/2010 06:09:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4334	07/04/2010 06:09:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4335	07/04/2010 06:09:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4336	07/04/2010 06:09:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4337	07/04/2010 06:09:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4338	07/04/2010 06:09:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4339	07/04/2010 06:09:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4340	07/04/2010 06:09:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4341	07/04/2010 06:09:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4342	07/04/2010 06:09:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4343	07/04/2010 06:09:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4344	07/04/2010 06:10:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4345	07/04/2010 06:10:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4346	07/04/2010 06:10:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4347	07/04/2010 06:10:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4348	07/04/2010 06:10:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4349	07/04/2010 06:10:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4350	07/04/2010 06:10:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4351	07/04/2010 06:10:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4352	07/04/2010 06:10:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4353	07/04/2010 06:10:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4354	07/04/2010 06:11:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4355	07/04/2010 06:11:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4356	07/04/2010 06:11:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4357	07/04/2010 06:11:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4358	07/04/2010 06:11:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4359	07/04/2010 06:11:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4360	07/04/2010 06:11:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4361	07/04/2010 06:11:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4362	07/04/2010 06:11:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4363	07/04/2010 06:11:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4364	07/04/2010 06:12:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4365	07/04/2010 06:12:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4366	07/04/2010 06:12:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4367	07/04/2010 06:12:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4368	07/04/2010 06:12:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4369	07/04/2010 06:12:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4370	07/04/2010 06:12:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4371	07/04/2010 06:12:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4372	07/04/2010 06:12:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4373	07/04/2010 06:13:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4374	07/04/2010 06:13:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4375	07/04/2010 06:13:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4376	07/04/2010 06:13:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4377	07/04/2010 06:13:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4378	07/04/2010 06:13:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4379	07/04/2010 06:13:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4380	07/04/2010 06:13:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4381	07/04/2010 06:13:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4382	07/04/2010 06:13:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4383	07/04/2010 06:14:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4384	07/04/2010 06:14:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4385	07/04/2010 06:14:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4386	07/04/2010 06:14:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4387	07/04/2010 06:14:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4388	07/04/2010 06:14:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4389	07/04/2010 06:14:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4390	07/04/2010 06:14:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4391	07/04/2010 06:14:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4392	07/04/2010 06:14:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4393	07/04/2010 06:15:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4394	07/04/2010 06:15:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4395	07/04/2010 06:15:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4396	07/04/2010 06:15:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4397	07/04/2010 06:15:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4398	07/04/2010 06:15:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4399	07/04/2010 06:15:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4400	07/04/2010 06:15:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4401	07/04/2010 06:15:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4402	07/04/2010 06:15:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4403	07/04/2010 06:16:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4404	07/04/2010 06:16:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4405	07/04/2010 06:16:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4406	07/04/2010 06:16:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4407	07/04/2010 06:16:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4408	07/04/2010 06:16:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4409	07/04/2010 06:16:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4410	07/04/2010 06:16:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4411	07/04/2010 06:16:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4412	07/04/2010 06:16:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4413	07/04/2010 06:16:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4414	07/04/2010 06:17:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4415	07/04/2010 06:17:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4416	07/04/2010 06:17:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4417	07/04/2010 06:17:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4418	07/04/2010 06:17:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4419	07/04/2010 06:17:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4420	07/04/2010 06:17:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4421	07/04/2010 06:17:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4422	07/04/2010 06:17:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4423	07/04/2010 06:18:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4424	07/04/2010 06:18:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4425	07/04/2010 06:18:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4426	07/04/2010 06:18:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4427	07/04/2010 06:18:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4428	07/04/2010 06:18:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4429	07/04/2010 06:18:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4430	07/04/2010 06:18:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4431	07/04/2010 06:18:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4432	07/04/2010 06:18:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4433	07/04/2010 06:19:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4434	07/04/2010 06:19:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4435	07/04/2010 06:19:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4436	07/04/2010 06:19:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4437	07/04/2010 06:19:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4438	07/04/2010 06:19:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4439	07/04/2010 06:19:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4440	07/04/2010 06:19:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4441	07/04/2010 06:19:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4442	07/04/2010 06:19:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4443	07/04/2010 06:20:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4444	07/04/2010 06:20:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4445	07/04/2010 06:20:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4446	07/04/2010 06:20:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4447	07/04/2010 06:20:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4448	07/04/2010 06:20:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4449	07/04/2010 06:20:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4450	07/04/2010 06:20:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4451	07/04/2010 06:20:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4452	07/04/2010 06:20:54	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4453	07/04/2010 06:21:00	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4454	07/04/2010 06:21:06	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4455	07/04/2010 06:21:12	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4456	07/04/2010 06:21:18	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4457	07/04/2010 06:21:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4458	07/04/2010 06:21:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4459	07/04/2010 06:21:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4460	07/04/2010 06:21:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4461	07/04/2010 06:21:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4462	07/04/2010 06:21:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4463	07/04/2010 06:22:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4464	07/04/2010 06:22:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4465	07/04/2010 06:22:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4466	07/04/2010 06:22:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4467	07/04/2010 06:22:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4468	07/04/2010 06:22:37	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4469	07/04/2010 06:22:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4470	07/04/2010 06:22:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4471	07/04/2010 06:22:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4472	07/04/2010 06:23:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4473	07/04/2010 06:23:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4474	07/04/2010 06:23:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4475	07/04/2010 06:23:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4476	07/04/2010 06:23:24	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4477	07/04/2010 06:23:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4478	07/04/2010 06:23:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4479	07/04/2010 06:23:42	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4480	07/04/2010 06:23:48	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4481	07/04/2010 06:23:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4482	07/04/2010 06:24:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4483	07/04/2010 06:24:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4484	07/04/2010 06:24:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4485	07/04/2010 06:24:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4486	07/04/2010 06:24:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4487	07/04/2010 06:24:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4488	07/04/2010 06:24:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4489	07/04/2010 06:24:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4490	07/04/2010 06:24:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4491	07/04/2010 06:24:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4492	07/04/2010 06:25:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4493	07/04/2010 06:25:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4494	07/04/2010 06:25:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4495	07/04/2010 06:25:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4496	07/04/2010 06:25:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4497	07/04/2010 06:25:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4498	07/04/2010 06:25:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4499	07/04/2010 06:25:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4500	07/04/2010 06:25:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4501	07/04/2010 06:25:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4502	07/04/2010 06:26:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4503	07/04/2010 06:26:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4504	07/04/2010 06:26:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4505	07/04/2010 06:26:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4506	07/04/2010 06:26:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4507	07/04/2010 06:26:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4508	07/04/2010 06:26:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4509	07/04/2010 06:26:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4510	07/04/2010 06:26:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4511	07/04/2010 06:26:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4512	07/04/2010 06:27:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4513	07/04/2010 06:27:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4514	07/04/2010 06:27:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4515	07/04/2010 06:27:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4516	07/04/2010 06:27:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4517	07/04/2010 06:27:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4518	07/04/2010 06:27:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4519	07/04/2010 06:27:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4520	07/04/2010 06:27:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4521	07/04/2010 06:27:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4522	07/04/2010 06:28:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4523	07/04/2010 06:28:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4524	07/04/2010 06:28:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4525	07/04/2010 06:28:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4526	07/04/2010 06:28:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4527	07/04/2010 06:28:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4528	07/04/2010 06:28:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4529	07/04/2010 06:28:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4530	07/04/2010 06:28:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4531	07/04/2010 06:28:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4532	07/04/2010 06:29:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4533	07/04/2010 06:29:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4534	07/04/2010 06:29:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4535	07/04/2010 06:29:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4536	07/04/2010 06:29:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4537	07/04/2010 06:29:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4538	07/04/2010 06:29:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4539	07/04/2010 06:29:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4540	07/04/2010 06:29:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4541	07/04/2010 06:29:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4542	07/04/2010 06:30:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4543	07/04/2010 06:30:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4544	07/04/2010 06:30:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4545	07/04/2010 06:30:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4546	07/04/2010 06:30:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4547	07/04/2010 06:30:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4548	07/04/2010 06:30:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4549	07/04/2010 06:30:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4550	07/04/2010 06:30:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4551	07/04/2010 06:30:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4552	07/04/2010 06:31:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4553	07/04/2010 06:31:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4554	07/04/2010 06:31:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4555	07/04/2010 06:31:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4556	07/04/2010 06:31:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4557	07/04/2010 06:31:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4558	07/04/2010 06:31:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4559	07/04/2010 06:31:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4560	07/04/2010 06:31:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4561	07/04/2010 06:31:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4562	07/04/2010 06:32:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4563	07/04/2010 06:32:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4564	07/04/2010 06:32:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4565	07/04/2010 06:32:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4566	07/04/2010 06:32:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4567	07/04/2010 06:32:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4568	07/04/2010 06:32:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4569	07/04/2010 06:32:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4570	07/04/2010 06:32:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4571	07/04/2010 06:32:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4572	07/04/2010 06:33:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4573	07/04/2010 06:33:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4574	07/04/2010 06:33:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4575	07/04/2010 06:33:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4576	07/04/2010 06:33:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4577	07/04/2010 06:33:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4578	07/04/2010 06:33:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4579	07/04/2010 06:33:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4580	07/04/2010 06:33:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4581	07/04/2010 06:33:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4582	07/04/2010 06:34:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4583	07/04/2010 06:34:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4584	07/04/2010 06:34:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4585	07/04/2010 06:34:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4586	07/04/2010 06:34:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4587	07/04/2010 06:34:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4588	07/04/2010 06:34:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4589	07/04/2010 06:34:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4590	07/04/2010 06:34:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4591	07/04/2010 06:34:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4592	07/04/2010 06:35:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4593	07/04/2010 06:35:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4594	07/04/2010 06:35:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4595	07/04/2010 06:35:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4596	07/04/2010 06:35:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4597	07/04/2010 06:35:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4598	07/04/2010 06:35:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4599	07/04/2010 06:35:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4600	07/04/2010 06:35:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4601	07/04/2010 06:35:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4602	07/04/2010 06:36:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4603	07/04/2010 06:36:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4604	07/04/2010 06:36:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4605	07/04/2010 06:36:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4606	07/04/2010 06:36:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4607	07/04/2010 06:36:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4608	07/04/2010 06:36:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4609	07/04/2010 06:36:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4610	07/04/2010 06:36:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4611	07/04/2010 06:36:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4612	07/04/2010 06:37:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4613	07/04/2010 06:37:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4614	07/04/2010 06:37:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4615	07/04/2010 06:37:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4616	07/04/2010 06:37:30	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4617	07/04/2010 06:37:36	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4618	07/04/2010 06:37:43	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4619	07/04/2010 06:37:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4620	07/04/2010 06:37:55	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4621	07/04/2010 06:38:01	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4622	07/04/2010 06:38:07	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4623	07/04/2010 06:38:13	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4624	07/04/2010 06:38:19	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4625	07/04/2010 06:38:25	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4626	07/04/2010 06:38:31	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4627	07/04/2010 06:38:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4628	07/04/2010 06:38:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4629	07/04/2010 06:38:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4630	07/04/2010 06:38:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4631	07/04/2010 06:39:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4632	07/04/2010 06:39:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4633	07/04/2010 06:39:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4634	07/04/2010 06:39:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4635	07/04/2010 06:39:26	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4636	07/04/2010 06:39:32	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4637	07/04/2010 06:39:38	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4638	07/04/2010 06:39:44	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4639	07/04/2010 06:39:49	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4640	07/04/2010 06:39:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4641	07/04/2010 06:40:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4642	07/04/2010 06:40:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4643	07/04/2010 06:40:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4644	07/04/2010 06:40:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4645	07/04/2010 06:40:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4646	07/04/2010 06:40:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4647	07/04/2010 06:40:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4648	07/04/2010 06:40:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4649	07/04/2010 06:40:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4650	07/04/2010 06:40:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4651	07/04/2010 06:41:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4652	07/04/2010 06:41:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4653	07/04/2010 06:41:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 163V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4654	07/04/2010 06:41:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4655	07/04/2010 06:41:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4656	07/04/2010 06:41:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4657	07/04/2010 06:41:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4658	07/04/2010 06:41:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4659	07/04/2010 06:41:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4660	07/04/2010 06:41:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4661	07/04/2010 06:42:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4662	07/04/2010 06:42:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 156V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4663	07/04/2010 06:42:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4664	07/04/2010 06:42:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4665	07/04/2010 06:42:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4666	07/04/2010 06:42:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4667	07/04/2010 06:42:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4668	07/04/2010 06:42:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4669	07/04/2010 06:42:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4670	07/04/2010 06:42:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4671	07/04/2010 06:43:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4672	07/04/2010 06:43:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4673	07/04/2010 06:43:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4674	07/04/2010 06:43:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4675	07/04/2010 06:43:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4676	07/04/2010 06:43:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4677	07/04/2010 06:43:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4678	07/04/2010 06:43:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4679	07/04/2010 06:43:50	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4680	07/04/2010 06:43:56	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4681	07/04/2010 06:44:02	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4682	07/04/2010 06:44:08	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4683	07/04/2010 06:44:14	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4684	07/04/2010 06:44:20	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4685	07/04/2010 06:44:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4686	07/04/2010 06:44:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4687	07/04/2010 06:44:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4688	07/04/2010 06:44:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4689	07/04/2010 06:44:51	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4690	07/04/2010 06:44:57	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 157V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4691	07/04/2010 06:45:03	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4692	07/04/2010 06:45:09	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4693	07/04/2010 06:45:15	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A



## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4694	07/04/2010 06:45:21	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 162V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4695	07/04/2010 06:45:27	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4696	07/04/2010 06:45:33	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4697	07/04/2010 06:45:39	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4698	07/04/2010 06:45:45	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4699	07/04/2010 06:45:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4700	07/04/2010 06:45:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4701	07/04/2010 06:46:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4702	07/04/2010 06:46:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4703	07/04/2010 06:46:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4704	07/04/2010 06:46:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4705	07/04/2010 06:46:29	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4706	07/04/2010 06:46:35	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4707	07/04/2010 06:46:41	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4708	07/04/2010 06:46:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4709	07/04/2010 06:46:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4710	07/04/2010 06:46:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4711	07/04/2010 06:47:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4712	07/04/2010 06:47:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4713	07/04/2010 06:47:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4714	07/04/2010 06:47:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4715	07/04/2010 06:47:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4716	07/04/2010 06:47:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4717	07/04/2010 06:47:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4718	07/04/2010 06:47:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4719	07/04/2010 06:47:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4720	07/04/2010 06:47:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4721	07/04/2010 06:48:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4722	07/04/2010 06:48:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4723	07/04/2010 06:48:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4724	07/04/2010 06:48:22	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4725	07/04/2010 06:48:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4726	07/04/2010 06:48:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4727	07/04/2010 06:48:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4728	07/04/2010 06:48:47	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4729	07/04/2010 06:48:53	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4730	07/04/2010 06:48:59	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4731	07/04/2010 06:49:05	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4732	07/04/2010 06:49:11	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4733	07/04/2010 06:49:17	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4734	07/04/2010 06:49:23	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 83V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4735	07/04/2010 06:49:28	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4736	07/04/2010 06:49:34	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4737	07/04/2010 06:49:40	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4738	07/04/2010 06:49:46	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A

## Line Log: DPISF-014-P2098 (continued)

Shotpoint	Log Time	Message
4739	07/04/2010 06:49:52	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 79V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4740	07/04/2010 06:49:58	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 161V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4741	07/04/2010 06:50:04	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 158V postShot 80V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4742	07/04/2010 06:50:10	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 81V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
4743	07/04/2010 06:50:16	String 2 Cluster 7 Gun 11 (250 cu in) Solenoid Volts OK (desired 160V preShot 160V postShot 82V) Current error (open circuit ?) expected 0.0A achieved peak 0.0A
	07/04/2010 06:50:26	END OF LINE shot 4743 time 4-7-2010 6:50:15.521825
	07/04/2010 06:50:26	Atmospheric manual - 1000mB
	07/04/2010 06:50:26	EOL Guns enabled/disabled compared to nominal array: String 2 Cluster 2 Gun 3 150 cu in. disabled. String 2 Cluster 2 Gun 4 150 cu in. (spare) enabled.
	07/04/2010 06:50:26	EOL Volume source 1 2360 cu in.
	07/04/2010 06:50:26	EOL String pressures 1:2006.0 PSI 2:1989.0 PSI
		Total shotpoints on line = 2807 - no errors reported