

## Line Log

Line Name: DPISF-S16-P1086  
Start time: 02/04/2010 07:00:27

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

Shotpoint	Log Time	Message
1001	02/04/2010 07:00:28	Volume source 1 2360 cu in (ideal volume 2360) 100.0%
	02/04/2010 07:00:28	SOL String pressures 1:2026.0 PSI 2:2031.0 PSI
	02/04/2010 07:00:28	First good shot 1001. Line 'DPISF-S16-P1086' time 4-2-2010 7:0:27.830181
	02/04/2010 07:00:28	Atmospheric manual - 1000mB
	02/04/2010 07:00:28	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.
1021	02/04/2010 07:02:40	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.50s into shot
1026	02/04/2010 07:03:13	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 1.03s into shot
1064	02/04/2010 07:07:15	Volume source 1 changed from 2360 to 2290 cu in (ideal volume 2360) 97.0%
	02/04/2010 07:07:15	String 2 Cluster 3 Gun 5( 70 cu in) failed to detect fire.
	02/04/2010 07:07:15	String 2 Cluster 3 Gun 5 Solenoid volts and current look OK.
1065	02/04/2010 07:07:21	Volume source 1 changed from 2290 to 2360 cu in (ideal volume 2360) 100.0%
	02/04/2010 07:07:21	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.35s into shot
1067	02/04/2010 07:07:33	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.20s into shot
1071	02/04/2010 07:07:56	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 5.96s into shot
	02/04/2010 07:08:01	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 4.32s into shot
	02/04/2010 07:08:02	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 5.67s into shot
1088	02/04/2010 07:09:39	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.58s into shot
1101	02/04/2010 07:10:55	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.60s into shot
1110	02/04/2010 07:11:47	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.53s into shot
1243	02/04/2010 07:24:43	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.35s into shot
1626	02/04/2010 08:02:03	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.30s into shot
1723	02/04/2010 08:11:30	String 2 Cluster 6 Gun 8( 70 cu in) delay attempt outside spec. apparent error 1.6 mS late
1798	02/04/2010 08:18:48	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 1.57s into shot
1800	02/04/2010 08:19:01	Gun String 2 Cluster 2 Gun 4 (150 cu in) suspect autofire (sensor) 3.16s into shot
1802	02/04/2010 08:19:09	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 5.49s into shot
1930	02/04/2010 08:31:36	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.22s into shot
1984	02/04/2010 08:36:53	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.42s into shot
2699	02/04/2010 09:46:59	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 5.42s into shot
2721	02/04/2010 09:49:09	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 3.17s into shot
2741	02/04/2010 09:51:10	shotSeq - Pre-solenoid trigger autofire positive threshold detect, sample 187
	02/04/2010 09:51:10	String 2 Cluster 1 Gun 1(150 cu in) autofire detected before solenoid triggered.
2758	02/04/2010 09:52:53	String 2 Cluster 1 Gun 1(150 cu in) fired 4.2 mS late.
	02/04/2010 09:52:53	Spread error 4.4mS (limit 2.6mS) earliest String 2 Cluster 7 Gun 11 (error -0.2mS) latest String 2 Cluster 1 Gun 1 (error 4.2mS)
2760	02/04/2010 09:53:04	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.25s into shot
2799	02/04/2010 09:57:03	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 5.62s into shot
2932	02/04/2010 10:10:24	Volume source 1 changed from 2360 to 2290 cu in (ideal volume 2360) 97.0%
	02/04/2010 10:10:24	String 2 Cluster 6 Gun 8( 70 cu in) failed to detect fire.
	02/04/2010 10:10:24	String 2 Cluster 6 Gun 8 Solenoid volts and current look OK.
2933	02/04/2010 10:10:30	Volume source 1 changed from 2290 to 2360 cu in (ideal volume 2360) 100.0%

## Line Log: DPISF-S16-P1086 (continued)

Shotpoint	Log Time	Message
3060	02/04/2010 10:23:06	String 2 Cluster 1 Gun 1(150 cu in) fired 1.9 mS late.
3076	02/04/2010 10:24:41	Gun Depth Errors: String 2 Cluster 2 4.4M, String 2 Cluster 3 3.3M, String 2 Cluster 4 2.2M, String 2 Cluster 5 1.0M
3722	02/04/2010 11:29:52	Gun Depth Errors: String 2 Cluster 2 4.7M, String 2 Cluster 3 3.9M, String 2 Cluster 4 3.1M, String 2 Cluster 5 2.2M AND MORE
3739	02/04/2010 11:31:41	Gun Depth Errors: String 2 Cluster 2 4.3M, String 2 Cluster 3 3.2M, String 2 Cluster 4 2.1M, String 2 Cluster 5 1.0M
3909	02/04/2010 11:49:27	Gun Depth Errors: String 2 Cluster 2 2.3M
4575	02/04/2010 12:58:04	Gun String 2 Cluster 2 Gun 4 (150 cu in) suspect autofire (sensor) 0.85s into shot
4621	02/04/2010 13:02:54	Gun Depth Errors: String 2 Cluster 2 2.5M
4627	02/04/2010 13:03:29	Gun Depth Errors: String 2 Cluster 2 4.6M, String 2 Cluster 3 3.8M, String 2 Cluster 4 3.0M, String 2 Cluster 5 2.2M AND MORE
4668	02/04/2010 13:07:45	Gun Depth Errors: String 2 Cluster 2 4.7M, String 2 Cluster 3 3.8M, String 2 Cluster 4 3.0M, String 2 Cluster 5 2.2M AND MORE
4670	02/04/2010 13:07:57	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.15s into shot
4672	02/04/2010 13:08:09	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.17s into shot
4682	02/04/2010 13:09:16	Gun Depth Errors: String 2 Cluster 2 3.9M, String 2 Cluster 3 2.4M, String 2 Cluster 4 1.0M
4763	02/04/2010 13:17:37	Gun Depth Errors: String 2 Cluster 2 4.3M, String 2 Cluster 3 3.1M, String 2 Cluster 4 2.0M, String 2 Cluster 5 0.9M
4873	02/04/2010 13:29:05	Gun Depth Errors: String 2 Cluster 2 4.9M, String 2 Cluster 3 4.0M, String 2 Cluster 4 3.2M, String 2 Cluster 5 2.3M AND MORE
4984	02/04/2010 13:40:37	Gun Depth Errors: String 2 Cluster 2 1.3M
5020	02/04/2010 13:44:23	Gun Depth Errors: String 2 Cluster 2 4.3M, String 2 Cluster 3 3.1M, String 2 Cluster 4 1.9M, String 2 Cluster 5 0.6M
5172	02/04/2010 14:00:09	Gun Depth Errors: String 2 Cluster 2 4.7M, String 2 Cluster 3 3.8M, String 2 Cluster 4 3.0M, String 2 Cluster 5 2.1M AND MORE
5284	02/04/2010 14:11:53	Gun Depth Errors: String 2 Cluster 2 1.6M
5322	02/04/2010 14:15:53	Gun Depth Errors: String 2 Cluster 2 0.5M
5378	02/04/2010 14:21:39	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.55s into shot
5383	02/04/2010 14:22:09	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.33s into shot
5414	02/04/2010 14:25:23	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
5415	02/04/2010 14:25:30	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.17s into shot
5420	02/04/2010 14:26:01	Gun Depth Errors: String 2 Cluster 2 2.4M
5437	02/04/2010 14:27:48	Gun Depth Errors: String 2 Cluster 3 4.2M, String 2 Cluster 4 3.5M, String 2 Cluster 5 2.8M, String 2 Cluster 6 2.1M
5462	02/04/2010 14:30:24	Gun Depth Errors: String 2 Cluster 2 1.9M
5612	02/04/2010 14:46:01	Gun Depth Errors: String 2 Cluster 2 3.9M, String 2 Cluster 3 2.5M, String 2 Cluster 4 1.1M
5651	02/04/2010 14:50:08	Gun Depth Errors: String 2 Cluster 2 4.7M, String 2 Cluster 3 3.8M, String 2 Cluster 4 2.9M, String 2 Cluster 5 2.0M AND MORE
5865	02/04/2010 15:12:22	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.17s into shot
5944	02/04/2010 15:20:32	Gun String 2 Cluster 2 Gun 4 (150 cu in) suspect autofire (sensor) 0.41s into shot
6064	02/04/2010 15:33:00	Gun Depth Errors: String 2 Cluster 2 4.5M, String 2 Cluster 3 3.4M, String 2 Cluster 4 2.3M, String 2 Cluster 5 1.2M

## Line Log: DPISF-S16-P1086 (continued)

Shotpoint	Log Time	Message
6163	02/04/2010 15:43:16	String 2 Cluster 4 Gun 6 ( 40 cu in) Solenoid Volts OK (desired 160V preShot 159V postShot 80V) Current error (over current) expected 7.4A achieved peak 9.4A
6204	02/04/2010 15:47:33	Gun Depth Errors: String 2 Cluster 2 2.4M
6205	02/04/2010 15:47:39	Gun Depth Errors: String 2 Cluster 6 4.7M, String 2 Cluster 7 4.3M
6206	02/04/2010 15:47:45	Gun Depth Errors: String 2 Cluster 2 3.2M, String 2 Cluster 3 1.2M
7190	02/04/2010 17:29:13	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.17s into shot
7300	02/04/2010 17:39:57	Gun String 2 Cluster 2 Gun 4 (150 cu in) suspect autofire (sensor) 1.99s into shot
7711	02/04/2010 18:20:15	shotSeq - Pre-solenoid trigger autofire positive threshold detect, sample 282
	02/04/2010 18:20:15	String 2 Cluster 2 Gun 4(150 cu in) fired 3.6 mS early. autofire detected before solenoid triggered.
	02/04/2010 18:20:15	Spread error 3.7mS (limit 2.6mS) earliest String 2 Cluster 2 Gun 4 (error -3.6mS) latest String 2 Cluster 7 Gun 11 (error 0.1mS)
7818	02/04/2010 18:30:50	Volume source 1 changed from 2360 to 2290 cu in (ideal volume 2360) 97.0%
	02/04/2010 18:30:51	String 2 Cluster 6 Gun 8( 70 cu in) failed to detect fire.
	02/04/2010 18:30:51	String 2 Cluster 6 Gun 8 Solenoid volts and current look OK.
7819	02/04/2010 18:30:56	Volume source 1 changed from 2290 to 2360 cu in (ideal volume 2360) 100.0%
8173	02/04/2010 19:06:08	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 5.11s into shot
8180	02/04/2010 19:06:49	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 3.28s into shot
8183	02/04/2010 19:07:05	String 2 Cluster 2 Gun 4(150 cu in) fired 2.1 mS late.
8196	02/04/2010 19:08:23	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 3.00s into shot
8197	02/04/2010 19:08:29	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 2.82s into shot
8204	02/04/2010 19:09:12	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 4.33s into shot
8205	02/04/2010 19:09:17	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 3.94s into shot
8206	02/04/2010 19:09:23	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 3.69s into shot
8208	02/04/2010 19:09:36	Operator command, GUN String 2 Cluster 1 Gun 1 New Threshold
8261	02/04/2010 19:14:51	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 3.10s into shot
8262	02/04/2010 19:14:54	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.83s into shot
8285	02/04/2010 19:17:12	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 1.44s into shot
8300	02/04/2010 19:18:39	shotSeq - Pre-solenoid trigger autofire positive threshold detect, sample 270
	02/04/2010 19:18:39	Volume source 1 changed from 2360 to 2210 cu in (ideal volume 2360) 93.6%
	02/04/2010 19:18:40	String 2 Cluster 1 Gun 1(150 cu in) autofire detected before solenoid triggered. failed to detect fire.
	02/04/2010 19:18:40	String 2 Cluster 1 Gun 1 Solenoid volts and current look OK.
8301	02/04/2010 19:18:45	Volume source 1 changed from 2210 to 2360 cu in (ideal volume 2360) 100.0%
8314	02/04/2010 19:20:04	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 1.45s into shot
8505	02/04/2010 19:39:02	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 2.77s into shot
8540	02/04/2010 19:42:34	String 2 Cluster 6 Gun 8( 70 cu in) delay attempt outside spec. apparent error 1.5 mS late
8574	02/04/2010 19:45:54	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 1.83s into shot
8594	02/04/2010 19:47:54	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 1.41s into shot
8607	02/04/2010 19:49:15	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 3.50s into shot
8608	02/04/2010 19:49:17	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 5.78s into shot
	02/04/2010 19:49:17	shotSeq - Pre-solenoid trigger autofire positive threshold detect, sample 214
	02/04/2010 19:49:17	Volume source 1 changed from 2360 to 2210 cu in (ideal volume 2360) 93.6%

## Line Log: DPISF-S16-P1086 (continued)

Shotpoint	Log Time	Message
	02/04/2010 19:49:18	String 2 Cluster 1 Gun 1(150 cu in) autofire detected before solenoid triggered. failed to detect fire.
	02/04/2010 19:49:18	String 2 Cluster 1 Gun 1 Solenoid volts and current look OK.
8609	02/04/2010 19:49:23	Volume source 1 changed from 2210 to 2360 cu in (ideal volume 2360) 100.0%
8627	02/04/2010 19:51:12	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 3.65s into shot
8697	02/04/2010 19:58:06	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.25s into shot
8830	02/04/2010 20:11:19	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.82s into shot
8831	02/04/2010 20:11:24	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.31s into shot
8837	02/04/2010 20:12:02	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 1.14s into shot
8866	02/04/2010 20:14:56	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 1.92s into shot
	02/04/2010 20:14:59	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 4.68s into shot
8867	02/04/2010 20:15:01	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.22s into shot
8898	02/04/2010 20:18:15	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 3.01s into shot
8913	02/04/2010 20:19:42	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.49s into shot
8914	02/04/2010 20:19:47	shotSeq - Pre-solenoid trigger autofire positive threshold detect, sample 123
	02/04/2010 20:19:47	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.36s into shot
	02/04/2010 20:19:48	String 2 Cluster 1 Gun 1(150 cu in) fired 2.4 mS late. autofire detected before solenoid triggered.
8919	02/04/2010 20:20:21	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 4.07s into shot
8921	02/04/2010 20:20:29	String 2 Cluster 1 Gun 1(150 cu in) fired 6.2 mS early.
	02/04/2010 20:20:29	Spread error 6.4mS (limit 2.6mS) earliest String 2 Cluster 1 Gun 1 (error -6.2mS) latest String 1 Cluster 2 Gun 3 (error 0.2mS)
	02/04/2010 20:20:33	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 5.11s into shot
8924	02/04/2010 20:20:46	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.51s into shot
8926	02/04/2010 20:21:01	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 3.45s into shot
8943	02/04/2010 20:22:44	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 2.51s into shot
8944	02/04/2010 20:22:48	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.28s into shot
8960	02/04/2010 20:24:21	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.25s into shot
8974	02/04/2010 20:25:45	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 1.28s into shot
8991	02/04/2010 20:27:28	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 4.26s into shot
8992	02/04/2010 20:27:31	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 1.91s into shot
9031	02/04/2010 20:31:23	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 1.85s into shot
9117	02/04/2010 20:40:03	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 4.48s into shot
9151	02/04/2010 20:43:31	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 4.57s into shot
	02/04/2010 20:43:32	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 5.74s into shot
9152	02/04/2010 20:43:38	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 4.87s into shot
9158	02/04/2010 20:44:10	Gun String 2 Cluster 2 Gun 4 (150 cu in) suspect autofire (sensor) 0.16s into shot
9180	02/04/2010 20:46:23	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 1.80s into shot
9181	02/04/2010 20:46:29	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 2.24s into shot
9201	02/04/2010 20:48:31	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 3.35s into shot
	02/04/2010 20:48:32	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 4.53s into shot
9203	02/04/2010 20:48:47	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 6.20s into shot
9241	02/04/2010 20:52:34	String 2 Cluster 1 Gun 1(150 cu in) fired 2.2 mS late.
9242	02/04/2010 20:52:39	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.23s into shot
9317	02/04/2010 21:00:27	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 3.04s into shot

## Line Log: DPISF-S16-P1086 (continued)

Shotpoint	Log Time	Message
9337	02/04/2010 21:02:33	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 5.36s into shot
9399	02/04/2010 21:08:56	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 2.93s into shot
9434	02/04/2010 21:12:27	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.21s into shot
9457	02/04/2010 21:14:49	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.20s into shot
9500	02/04/2010 21:19:15	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 2.60s into shot
	02/04/2010 21:19:17	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 4.59s into shot
9501	02/04/2010 21:19:19	shotSeq - Pre-solenoid trigger autofire positive threshold detect, sample 237
	02/04/2010 21:19:19	Volume source 1 changed from 2360 to 2210 cu in (ideal volume 2360) 93.6%
	02/04/2010 21:19:20	String 2 Cluster 1 Gun 1(150 cu in) autofire detected before solenoid triggered. failed to detect fire.
	02/04/2010 21:19:20	String 2 Cluster 1 Gun 1 Solenoid volts and current look OK.
9502	02/04/2010 21:19:25	Volume source 1 changed from 2210 to 2360 cu in (ideal volume 2360) 100.0%
9523	02/04/2010 21:21:37	Gun String 2 Cluster 2 Gun 4 (150 cu in) suspect autofire (sensor) 0.74s into shot
9561	02/04/2010 21:25:28	String 2 Cluster 2 Gun 4(150 cu in) fired 2.2 mS early.
9586	02/04/2010 21:27:59	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.34s into shot
9617	02/04/2010 21:31:05	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 5.83s into shot
9635	02/04/2010 21:32:53	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.22s into shot
9651	02/04/2010 21:34:32	Gun Depth Errors: String 2 Cluster 2 3.8M, String 2 Cluster 3 2.2M, String 2 Cluster 4 0.7M
9694	02/04/2010 21:38:57	Gun Depth Errors: String 2 Cluster 2 4.7M, String 2 Cluster 3 3.9M, String 2 Cluster 4 3.0M, String 2 Cluster 5 2.2M AND MORE
9773	02/04/2010 21:46:56	Gun Depth Errors: String 2 Cluster 2 4.7M, String 2 Cluster 3 3.9M, String 2 Cluster 4 3.0M, String 2 Cluster 5 2.1M AND MORE
9776	02/04/2010 21:47:13	Gun Depth Errors: String 2 Cluster 2 4.8M, String 2 Cluster 3 3.9M, String 2 Cluster 4 3.1M, String 2 Cluster 5 2.2M AND MORE
9794	02/04/2010 21:49:04	Gun Depth Errors: String 2 Cluster 2 4.7M, String 2 Cluster 3 3.8M, String 2 Cluster 4 2.9M, String 2 Cluster 5 2.0M AND MORE
9814	02/04/2010 21:51:05	Gun Depth Errors: String 2 Cluster 2 4.7M, String 2 Cluster 3 3.9M, String 2 Cluster 4 3.0M, String 2 Cluster 5 2.2M AND MORE
9832	02/04/2010 21:52:56	Gun Depth Errors: String 2 Cluster 2 2.4M
9909	02/04/2010 22:00:41	Gun Depth Errors: String 2 Cluster 2 4.8M, String 2 Cluster 3 3.9M, String 2 Cluster 4 3.1M, String 2 Cluster 5 2.2M AND MORE
10134	02/04/2010 22:23:37	Gun Depth Errors: String 2 Cluster 2 4.7M, String 2 Cluster 3 3.9M, String 2 Cluster 4 3.0M, String 2 Cluster 5 2.2M AND MORE
10138	02/04/2010 22:24:01	Gun Depth Errors: String 2 Cluster 2 4.6M, String 2 Cluster 3 3.8M, String 2 Cluster 4 2.9M, String 2 Cluster 5 2.1M AND MORE
10197	02/04/2010 22:30:01	Volume source 1 changed from 2360 to 2290 cu in (ideal volume 2360) 97.0%
	02/04/2010 22:30:02	String 2 Cluster 6 Gun 8( 70 cu in) failed to detect fire.
	02/04/2010 22:30:02	String 2 Cluster 6 Gun 8 Solenoid volts and current look OK.
10198	02/04/2010 22:30:07	Volume source 1 changed from 2290 to 2360 cu in (ideal volume 2360) 100.0%
10454	02/04/2010 22:56:31	END OF LINE shot 10454 time 4-2-2010 22:56:20.056663
	02/04/2010 22:56:31	Atmospheric manual - 1000mB
	02/04/2010 22:56:31	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.
	02/04/2010 22:56:31	EOL Volume source 1 2360 cu in.

## Line Log: DPISF-S16-P1086 (continued)

Shotpoint	Log Time	Message
	02/04/2010 22:56:31	EOL String pressures 1:1984.0 PSI 2:1992.0 PSI
		Total shotpoints on line = 9454. Shotpoints with errors of any type 94 (1.0%)
		Shotpoints with gun errors (not depth, pressure or autofire errors) 60 (0.6%)
		Shotpoints with misfires 7 (0.1%)
		Shotpoints with bad timing 10 (0.1%)
		Shotpoints with possible autofires detected 48 (0.5%)
		Shotpoints with gun depth errors 34 (0.4%)