

## Line Log

Line Name: DPISF-019-P1093  
Start time: 05/04/2010 16:15:13

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

Shotpoint	Log Time	Message
4874	05/04/2010 16:15:13	Volume source 1 2340 cu in (ideal volume 2360) 99.2%
	05/04/2010 16:15:13	SOL String pressures 1:1940.0 PSI 2:1953.0 PSI
	05/04/2010 16:15:14	First good shot 4874. Line 'DPISF-019-P1093' time 4-5-2010 16:15:13.464494
	05/04/2010 16:15:14	Atmospheric manual - 1000mB
	05/04/2010 16:15:14	SOL Guns enabled/disabled compared to nominal array: String 2 Cluster 5 Gun 7 20 cu in. disabled.
4871	05/04/2010 16:15:35	Phone String 2 Cluster 7 Phone 7 suspect autofire 3.0s into shot
4869	05/04/2010 16:15:44	Operator command, Phone String 2 Cluster 7 Phone 7 New Threshold
4828	05/04/2010 16:19:47	Phone String 2 Cluster 4 Phone 4 suspect autofire 4.2s into shot
4182	05/04/2010 17:22:38	Phone String 2 Cluster 4 Phone 4 suspect autofire 2.6s into shot
4162	05/04/2010 17:24:34	Phone String 2 Cluster 4 Phone 4 suspect autofire 1.0s into shot
3946	05/04/2010 17:45:33	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.52s into shot
3854	05/04/2010 17:54:31	String 2 Cluster 6 Gun 8( 70 cu in) delay attempt outside spec. apparent error 1.5 mS late
3611	05/04/2010 18:18:14	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.49s into shot
3575	05/04/2010 18:21:45	String 2 Cluster 1 Gun 1(150 cu in) fired 1.3 mS late.
3289	05/04/2010 18:49:34	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
3280	05/04/2010 18:50:26	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.41s into shot
	05/04/2010 18:50:27	String 2 Cluster 6 Gun 8( 70 cu in) delay attempt outside spec. apparent error 1.6 mS late
3224	05/04/2010 18:55:54	String 2 Cluster 6 Gun 8( 70 cu in) delay attempt outside spec. apparent error 1.4 mS late
3176	05/04/2010 19:00:34	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.26s into shot
3108	05/04/2010 19:07:12	String 2 Cluster 6 Gun 8( 70 cu in) delay attempt outside spec. apparent error 1.5 mS late
3092	05/04/2010 19:08:46	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.13s into shot
2760	05/04/2010 19:41:05	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.13s into shot
2491	05/04/2010 20:07:20	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.43s into shot
2363	05/04/2010 20:19:49	Volume source 1 changed from 2340 to 2270 cu in (ideal volume 2360) 96.2%
	05/04/2010 20:19:50	String 2 Cluster 6 Gun 8( 70 cu in) failed to detect fire.
	05/04/2010 20:19:50	String 2 Cluster 6 Gun 8 Solenoid volts and current look OK.
2362	05/04/2010 20:19:55	Volume source 1 changed from 2270 to 2340 cu in (ideal volume 2360) 99.2%
2315	05/04/2010 20:24:35	poll.connections: Changed to 3 active nodes
2314	05/04/2010 20:24:36	adread - checkShotPhase: NOT ALL NODES REPORTED ARMED - continuing but there may be problems
	05/04/2010 20:24:36	Node: 5: Physical Ethernet link port A (eth0) is UP
	05/04/2010 20:24:36	Node: 5: Active Physical Ethernet link is port A (eth0)
	05/04/2010 20:24:37	Node(s) 5 FAILED to report armed status although connected
2313	05/04/2010 20:24:41	Node 5 ad - PCICommandThread: Arm commmand while not idle - IGNORED
2296	05/04/2010 20:26:21	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
2280	05/04/2010 20:28:05	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
2267	05/04/2010 20:29:14	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A

## Line Log: DPISF-019-P1093 (continued)

Shotpoint	Log Time	Message
2251	05/04/2010 20:30:45	Volume source 1 changed from 2340 to 2270 cu in (ideal volume 2360) 96.2%
	05/04/2010 20:30:45	String 2 Cluster 6 Gun 8( 70 cu in) failed to detect fire.
	05/04/2010 20:30:45	String 2 Cluster 6 Gun 8 Solenoid volts and current look OK.
2250	05/04/2010 20:30:50	Volume source 1 changed from 2270 to 2340 cu in (ideal volume 2360) 99.2%
2240	05/04/2010 20:31:51	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
2117	05/04/2010 20:43:47	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.15s into shot
2116	05/04/2010 20:43:53	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
2111	05/04/2010 20:44:22	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
2108	05/04/2010 20:44:40	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1987	05/04/2010 20:56:27	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1986	05/04/2010 20:56:31	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1981	05/04/2010 20:57:01	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1939	05/04/2010 21:01:07	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.48s into shot
1932	05/04/2010 21:01:47	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.36s into shot
1923	05/04/2010 21:02:40	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
1922	05/04/2010 21:02:46	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.15s into shot
1915	05/04/2010 21:03:27	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.40s into shot
1903	05/04/2010 21:04:37	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
1883	05/04/2010 21:06:33	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
1878	05/04/2010 21:07:02	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
1876	05/04/2010 21:07:14	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
1875	05/04/2010 21:07:20	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.50s into shot
1870	05/04/2010 21:07:49	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
1862	05/04/2010 21:08:36	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
1858	05/04/2010 21:08:59	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.23s into shot
1856	05/04/2010 21:09:11	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
1852	05/04/2010 21:09:34	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.32s into shot
1850	05/04/2010 21:09:46	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.15s into shot
1849	05/04/2010 21:09:52	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.41s into shot
1846	05/04/2010 21:10:09	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.46s into shot
1841	05/04/2010 21:10:39	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.46s into shot
1833	05/04/2010 21:11:26	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
1830	05/04/2010 21:11:44	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.17s into shot
1825	05/04/2010 21:12:13	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
1815	05/04/2010 21:13:12	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.43s into shot
1810	05/04/2010 21:13:41	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.63s into shot
1808	05/04/2010 21:13:52	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.13s into shot
1792	05/04/2010 21:15:25	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.15s into shot
1788	05/04/2010 21:15:49	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.38s into shot
1787	05/04/2010 21:15:55	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.15s into shot
1783	05/04/2010 21:16:18	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.18s into shot
1780	05/04/2010 21:16:36	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.18s into shot
1779	05/04/2010 21:16:42	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.41s into shot
1777	05/04/2010 21:16:53	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.50s into shot
1774	05/04/2010 21:17:10	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.23s into shot

## Line Log: DPISF-019-P1093 (continued)

Shotpoint	Log Time	Message
1773	05/04/2010 21:17:16	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.21s into shot
1772	05/04/2010 21:17:22	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.62s into shot
1768	05/04/2010 21:17:45	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.32s into shot
1767	05/04/2010 21:17:51	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.18s into shot
1766	05/04/2010 21:17:57	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.18s into shot
1765	05/04/2010 21:18:03	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.18s into shot
1764	05/04/2010 21:18:09	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.37s into shot
1763	05/04/2010 21:18:15	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.16s into shot
1762	05/04/2010 21:18:20	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:18:21	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.39s into shot
1760	05/04/2010 21:18:32	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.30s into shot
1759	05/04/2010 21:18:38	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.17s into shot
1757	05/04/2010 21:18:50	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.17s into shot
1755	05/04/2010 21:19:01	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.27s into shot
1754	05/04/2010 21:19:11	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:19:12	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1753	05/04/2010 21:19:13	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:19:13	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.17s into shot
1752	05/04/2010 21:19:19	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.44s into shot
	05/04/2010 21:19:24	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1751	05/04/2010 21:19:25	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.10s into shot
	05/04/2010 21:19:29	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:19:30	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1750	05/04/2010 21:19:33	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1748	05/04/2010 21:19:43	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.31s into shot
	05/04/2010 21:19:44	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:19:45	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1747	05/04/2010 21:19:49	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.69s into shot
1744	05/04/2010 21:20:07	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.52s into shot
1743	05/04/2010 21:20:12	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 0.57s into shot
	05/04/2010 21:20:15	Operator command, GUN String 2 Cluster 6 Gun 8 Disable
1742	05/04/2010 21:20:18	Volume source 1 changed from 2340 to 2270 cu in (ideal volume 2360) 96.2%
1740	05/04/2010 21:20:34	Gun String 2 Cluster 6 Gun 8 (70 cu in) suspect autofire (sensor) 4.74s into shot
1727	05/04/2010 21:21:48	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1726	05/04/2010 21:21:51	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:21:52	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:21:53	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:21:54	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:21:55	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1725	05/04/2010 21:21:56	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:21:57	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1723	05/04/2010 21:22:13	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1722	05/04/2010 21:22:18	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1721	05/04/2010 21:22:20	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:22:21	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A

## Line Log: DPISF-019-P1093 (continued)

Shotpoint	Log Time	Message
	05/04/2010 21:22:22	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:22:23	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1720	05/04/2010 21:22:26	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:22:28	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1719	05/04/2010 21:22:33	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:22:35	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:22:36	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1717	05/04/2010 21:22:44	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1715	05/04/2010 21:22:56	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:22:57	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:22:58	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:22:59	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1714	05/04/2010 21:23:01	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1711	05/04/2010 21:23:22	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:23:23	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1709	05/04/2010 21:23:31	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:23:32	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:23:33	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:23:34	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:23:35	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:23:36	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1708	05/04/2010 21:23:37	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 21:23:39	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1675	05/04/2010 21:26:51	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1657	05/04/2010 21:28:35	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1651	05/04/2010 21:29:09	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1637	05/04/2010 21:30:32	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1630	05/04/2010 21:31:12	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1605	05/04/2010 21:33:42	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1604	05/04/2010 21:33:48	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1454	05/04/2010 21:48:25	Gun String 2 Cluster 2 Gun 3 (150 cu in) suspect autofire (sensor) 3.74s into shot
1442	05/04/2010 21:49:31	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1371	05/04/2010 21:56:26	Gun String 2 Cluster 1 Gun 1 (150 cu in) suspect autofire (sensor) 0.82s into shot
1366	05/04/2010 21:56:54	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1361	05/04/2010 21:57:28	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1360	05/04/2010 21:57:35	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1359	05/04/2010 21:57:37	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1357	05/04/2010 21:57:49	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1341	05/04/2010 21:59:24	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1338	05/04/2010 21:59:42	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1336	05/04/2010 21:59:52	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1335	05/04/2010 21:59:56	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1333	05/04/2010 22:00:07	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 22:00:09	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1327	05/04/2010 22:00:48	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A

## Line Log: DPISF-019-P1093 (continued)

Shotpoint	Log Time	Message
1326	05/04/2010 22:00:49	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 22:00:50	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1322	05/04/2010 22:01:12	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 22:01:16	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1307	05/04/2010 22:02:44	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1302	05/04/2010 22:03:13	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1280	05/04/2010 22:05:17	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1275	05/04/2010 22:05:51	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1274	05/04/2010 22:05:53	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1261	05/04/2010 22:07:08	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1260	05/04/2010 22:07:15	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1254	05/04/2010 22:07:50	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 22:07:51	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1248	05/04/2010 22:08:27	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 22:08:28	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 22:08:29	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1242	05/04/2010 22:09:05	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1237	05/04/2010 22:09:28	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1226	05/04/2010 22:10:31	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 22:10:36	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1215	05/04/2010 22:11:40	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1207	05/04/2010 22:12:26	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1202	05/04/2010 22:12:56	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1190	05/04/2010 22:14:05	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1115	05/04/2010 22:21:20	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
	05/04/2010 22:21:22	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
1100	05/04/2010 22:22:46	Node 05 - SOL11: FAULT Solenoid shut off early - exceeded current limit 22.5A
878	05/04/2010 22:44:25	Phone String 2 Cluster 4 Phone 4 suspect autofire 1.0s into shot
863	05/04/2010 22:46:02	END OF LINE shot 863 time 4-5-2010 22:45:51.016163
	05/04/2010 22:46:02	Atmospheric manual - 1000mB
	05/04/2010 22:46:02	EOL Guns enabled/disabled compared to nominal array: String 2 Cluster 5 Gun 7 20 cu in. disabled. String 2 Cluster 6 Gun 8 70 cu in. disabled.
	05/04/2010 22:46:02	EOL Volume source 1 2270 cu in.
	05/04/2010 22:46:02	EOL String pressures 1:1990.0 PSI 2:2015.0 PSI
		Total shotpoints on line = 4012. Shotpoints with errors of any type 71 (1.8%)
		Shotpoints with gun errors (not depth, pressure or autofire errors) 71 (1.8%)
		Shotpoints with misfires 2 (0.0%)
		Shotpoints with bad timing 5 (0.1%)
		Shotpoints with possible autofires detected 65 (1.6%)