Line Log

Line Name: **Off-Line**   Start Of Line: **25/11/2004 23:04:10**

Shotpoint	Log Time	Message
	25/11/2004 23:04:10	LINE START - Off-Line shot 0 time 11-25-2004 23:4:10.555000
2304	25/11/2004 23:04:16	Operator Command SHOT DISABLE
	25/11/2004 23:05:05	Operator command, All GUNs Disable
	25/11/2004 23:05:06	Operator command, GUN String_3 Cluster_6 Gun_9 Enable
	25/11/2004 23:05:14	Operator Command INTNL SINGLE ARRAY
2305	25/11/2004 23:05:17	SOL String pressures 1:2189.5 PSI 2:2145.7 PSI 3:2142.0 PSI
	25/11/2004 23:05:17	Volume source 1 40 cu in (ideal volume 3040) 1.3%
2499	26/11/2004 00:03:37	Operator Command SHOT DISABLE
	26/11/2004 00:03:42	Operator command, All GUNs Enable
	26/11/2004 00:03:44	Node 01 - SOL04: FAULT tweaking failed after max (0) tries got 156V aim=192V
	26/11/2004 00:03:47	Operator Command Soft Start initialised
	26/11/2004 00:03:51	Operator Command INTNL SINGLE ARRAY
2502	26/11/2004 00:04:43	Node 01 - SOL04: Re-enabling SPSU power supply (attempt 1)
2506	26/11/2004 00:05:41	Volume source 1 changed from 40 to 80 cu in (ideal volume 3040) 2.6%
2511	26/11/2004 00:07:12	Volume source 1 changed from 80 to 150 cu in (ideal volume 3040) 4.9%
2517	26/11/2004 00:08:59	Volume source 1 changed from 150 to 220 cu in (ideal volume 3040) 7.2%
2522	26/11/2004 00:10:30	Volume source 1 changed from 220 to 290 cu in (ideal volume 3040) 9.5%
2528	26/11/2004 00:12:17	Volume source 1 changed from 290 to 390 cu in (ideal volume 3040) 12.8%
2534	26/11/2004 00:14:06	Volume source 1 changed from 390 to 490 cu in (ideal volume 3040) 16.1%
2539	26/11/2004 00:15:35	Volume source 1 changed from 490 to 640 cu in (ideal volume 3040) 21.1%
2545	26/11/2004 00:17:24	Volume source 1 changed from 640 to 790 cu in (ideal volume 3040) 26.0%
2550	26/11/2004 00:18:54	Volume source 1 changed from 790 to 940 cu in (ideal volume 3040) 30.9%
2556	26/11/2004 00:20:41	Spread error 3.4mS (limit 2.0mS) earliest String_2 Cluster_3 Gun_5 (error -0.1mS) latest String_1 Cluster_3 Gun_6 (error 3.3mS)
	26/11/2004 00:20:41	String_1 Cluster_3 Gun_6 (100 cu in) fired 3.3 mS late.
	26/11/2004 00:20:42	Volume source 1 changed from 940 to 1140 cu in (ideal volume 3040) 37.5%
2557	26/11/2004 00:20:59	Spread error 3.3mS (limit 2.0mS) earliest String_1 Cluster_3 Gun_6 (error -3.2mS) latest String_3 Cluster_6 Gun_9 (error 0.1mS)
	26/11/2004 00:20:59	String_1 Cluster_3 Gun_6 (100 cu in) fired 3.2 mS early.
2561	26/11/2004 00:22:12	Volume source 1 changed from 1140 to 1340 cu in (ideal volume 3040) 44.1%
2567	26/11/2004 00:24:00	Volume source 1 changed from 1340 to 1640 cu in (ideal volume 3040) 53.9%
2572	26/11/2004 00:25:29	Spread error 2.5mS (limit 2.0mS) earliest String_3 Cluster_3 Gun_5 (error -0.1mS) latest String_3 Cluster_2 Gun_4 (error 2.4mS)
	26/11/2004 00:25:29	String_3 Cluster_2 Gun_4 (150 cu in) fired 2.4 mS late.
	26/11/2004 00:25:30	Volume source 1 changed from 1640 to 1940 cu in (ideal volume 3040) 63.8%
2573	26/11/2004 00:25:47	Spread error 2.4mS (limit 2.0mS) earliest String_3 Cluster_2 Gun_4 (error -2.3mS) latest String_2 Cluster_5 Gun_7 (error 0.1mS)
	26/11/2004 00:25:47	String_3 Cluster_2 Gun_4 (150 cu in) fired 2.3 mS early.
2578	26/11/2004 00:27:17	Spread error 5.9mS (limit 2.0mS) earliest String_3 Cluster_5 Gun_8 (error -0.1mS) latest String_1 Cluster_1 Gun_2 (error 5.8mS)
	26/11/2004 00:27:17	String_1 Cluster_1 Gun_2 (250 cu in) fired 5.8 mS late.
	26/11/2004 00:27:17	String_1 Cluster_1 Gun_1 (250 cu in) fired 1.4 mS late.

Line Log: Off-Line (continued)

Shotpoint	Log Time	Message
	26/11/2004 00:27:18	Volume source 1 changed from 1940 to 2440 cu in (ideal volume 3040) 80.3%
2579	26/11/2004 00:27:35	Spread error 5.9mS (limit 2.0mS) earliest String_1 Cluster_1 Gun_2 (error -5.8mS) latest String_2 Cluster_4 Gun_6 (error 0.1mS)
	26/11/2004 00:27:35	String_1 Cluster_1 Gun_2 (250 cu in) fired 5.8 mS early.
2584	26/11/2004 00:29:05	Spread error 2.3mS (limit 2.0mS) earliest String_3 Cluster_5 Gun_8 (error -0.1mS) latest String_3 Cluster_1 Gun_2 (error 2.2mS)
	26/11/2004 00:29:05	String_3 Cluster_1 Gun_2 (250 cu in) fired 2.2 mS late.
	26/11/2004 00:29:05	String_3 Cluster_1 Gun_1 (250 cu in) fired 1.6 mS late.
	26/11/2004 00:29:06	Volume source 1 changed from 2440 to 2940 cu in (ideal volume 3040) 96.7%
2585	26/11/2004 00:29:23	Spread error 2.2mS (limit 2.0mS) earliest String_3 Cluster_1 Gun_2 (error -2.1mS) latest String_2 Cluster_4 Gun_6 (error 0.1mS)
	26/11/2004 00:29:23	String_3 Cluster_1 Gun_2 (250 cu in) fired 2.1 mS early.
	26/11/2004 00:29:23	String_3 Cluster_1 Gun_1 (250 cu in) fired 1.5 mS early.
2589	26/11/2004 00:30:35	Spread error 5.4mS (limit 2.0mS) earliest String_3 Cluster_5 Gun_8 (error -0.1mS) latest String_2 Cluster_1 Gun_1 (error 5.3mS)
	26/11/2004 00:30:35	String_2 Cluster_1 Gun_2 (300 cu in) fired 3.3 mS late.
	26/11/2004 00:30:35	String_2 Cluster_1 Gun_1 (300 cu in) fired 5.3 mS late.
	26/11/2004 00:30:36	Volume source 1 changed from 2940 to 3540 cu in (ideal volume 3040) 116.4%
2590	26/11/2004 00:30:53	Spread error 6.1mS (limit 2.0mS) earliest String_2 Cluster_1 Gun_1 (error -5.4mS) latest String_3 Cluster_1 Gun_1 (error 0.7mS)
	26/11/2004 00:30:53	String_2 Cluster_1 Gun_2 (300 cu in) fired 3.3 mS early.
	26/11/2004 00:30:53	String_2 Cluster_1 Gun_1 (300 cu in) fired 5.4 mS early.
2595	26/11/2004 00:32:23	Spread error 2.9mS (limit 2.0mS) earliest String_3 Cluster_1 Gun_1 (error -0.2mS) latest String_2 Cluster_2 Gun_3 (error 2.7mS)
	26/11/2004 00:32:23	String_2 Cluster_2 Gun_4 (300 cu in) fired 1.5 mS late.
	26/11/2004 00:32:23	String_2 Cluster_2 Gun_3 (300 cu in) fired 2.7 mS late.
	26/11/2004 00:32:24	Volume source 1 changed from 3540 to 4140 cu in (ideal volume 3040) 136.2%
2596	26/11/2004 00:32:41	Spread error 2.9mS (limit 2.0mS) earliest String_2 Cluster_2 Gun_3 (error -2.8mS) latest String_3 Cluster_1 Gun_2 (error 0.1mS)
	26/11/2004 00:32:41	String_2 Cluster_2 Gun_4 (300 cu in) fired 1.4 mS early.
	26/11/2004 00:32:41	String_2 Cluster_2 Gun_3 (300 cu in) fired 2.8 mS early.
2598	26/11/2004 00:33:31	Operator command, GUN String_1 Cluster_1 Gun_2 Disable
	26/11/2004 00:33:32	Operator command, GUN String_1 Cluster_3 Gun_6 Disable
	26/11/2004 00:33:33	Operator command, GUN String_2 Cluster_1 Gun_2 Disable
2599	26/11/2004 00:33:33	Operator command, GUN String_2 Cluster_1 Gun_1 Disable
	26/11/2004 00:33:35	Operator command, GUN String_3 Cluster_2 Gun_4 Disable
	26/11/2004 00:33:35	String_2 Cluster_1 Gun_1 (300 cu in) failed to detect fire.
	26/11/2004 00:33:36	Volume source 1 changed from 4140 to 3190 cu in (ideal volume 3040) 104.9%
2600	26/11/2004 00:33:54	Volume source 1 changed from 3190 to 3040 cu in (ideal volume 3040)
2606	26/11/2004 00:35:56	Operator Command SHOT DISABLE
	26/11/2004 00:39:01	Operator Command EXTERNAL fire
	26/11/2004 00:39:08	Timeout on message read from Navigation system
	26/11/2004 00:39:33	Timeout on message read from Navigation system
	26/11/2004 00:39:59	Timeout on message read from Navigation system
	26/11/2004 00:40:24	Timeout on message read from Navigation system

Line Log: Off-Line (continued)

Shotpoint	Log Time	Message
	26/11/2004 00:40:49	Timeout on message read from Navigation system
	26/11/2004 00:41:14	Timeout on message read from Navigation system
982	26/11/2004 00:41:19	Missed Shot(s). Last S.P. 2606 this shot 982 (expected increment/decrement 1)
		Totalshots on line = 320 Shots with one or more errors 18 (5.6%)
		Shots with missfires 1 (0.3%)
		Shots with bad timing 17 (5.3%)