

## Line Log

Line Name: Off-Line

Start Of Line: 23/11/2004 18:11:11

Shotpoint	Log Time	Message
	23/11/2004 18:11:11	LINE START - Off-Line shot 0 time 11-23-2004 18:11:11.345000
2660	23/11/2004 18:11:52	Operator command, All GUNs Disable
	23/11/2004 18:11:53	Operator command, GUN String_3 Cluster_6 Gun_9 Enable
	23/11/2004 18:11:59	Operator Command INTNL SINGLE ARRAY
2661	23/11/2004 18:12:02	SOL String pressures 1:2155.5 PSI 2:2112.7 PSI 3:2107.8 PSI
	23/11/2004 18:12:02	Volume source 1 40 cu in (ideal volume 3040) 1.3%
2669	23/11/2004 18:14:38	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 12.3s into shot
2671	23/11/2004 18:15:18	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 15.8s into shot
2672	23/11/2004 18:15:18	Gun String_2:Cluster_2:Gun_3 (300 cu in) suspect autofire (sensor) 16.4s into shot
	23/11/2004 18:15:20	String_2 Cluster_2 Gun_4 (300 cu in) autofired when not meant to fire.
	23/11/2004 18:15:20	String_2 Cluster_2 Gun_3 (300 cu in) autofired when not meant to fire.
	23/11/2004 18:15:21	Gun String_2:Cluster_2:Gun_3 (300 cu in) suspect autofire (sensor) 1.5s into shot
	23/11/2004 18:15:22	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 2.1s into shot
	23/11/2004 18:15:29	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 9.0s into shot
2673	23/11/2004 18:15:45	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 7.0s into shot
2674	23/11/2004 18:16:00	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 4.7s into shot
2676	23/11/2004 18:16:36	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 4.3s into shot
	23/11/2004 18:16:42	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 10.7s into shot
	23/11/2004 18:16:43	Gun String_2:Cluster_3:Gun_5 (100 cu in) suspect autofire (sensor) 11.6s into shot
	23/11/2004 18:16:44	Gun String_2:Cluster_3:Gun_5 (100 cu in) suspect autofire (sensor) 12.7s into shot
	23/11/2004 18:16:45	Gun String_2:Cluster_4:Gun_6 (150 cu in) suspect autofire (sensor) 13.1s into shot
	23/11/2004 18:16:46	Gun String_2:Cluster_4:Gun_6 (150 cu in) suspect autofire (sensor) 14.2s into shot
	23/11/2004 18:16:46	Gun String_2:Cluster_5:Gun_7 (100 cu in) suspect autofire (sensor) 14.7s into shot
	23/11/2004 18:16:48	Gun String_2:Cluster_5:Gun_7 (100 cu in) suspect autofire (sensor) 15.8s into shot
2677	23/11/2004 18:16:50	String_2 Cluster_5 Gun_7 (100 cu in) autofired when not meant to fire.
2679	23/11/2004 18:17:26	Phone String_2:Cluster_1:Phone_1 suspect autofire 17.8s into shot
	23/11/2004 18:17:28	Phone String_2:Cluster_3:Phone_2 suspect autofire 1.6s into shot
	23/11/2004 18:17:29	Phone String_2:Cluster_6:Phone_3 suspect autofire 2.8s into shot
2682	23/11/2004 18:18:20	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	23/11/2004 18:18:20	Volume source 1 changed from 40 to 0 cu in (ideal volume 3040) 0.0%
2683	23/11/2004 18:18:38	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
2684	23/11/2004 18:18:56	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
2685	23/11/2004 18:19:14	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
2686	23/11/2004 18:19:32	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
2687	23/11/2004 18:19:50	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
2688	23/11/2004 18:20:08	Volume source 1 changed from 0 to 40 cu in (ideal volume 3040) 1.3%
2756	23/11/2004 18:40:45	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 13.4s into shot
2757	23/11/2004 18:40:49	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 16.9s into shot
	23/11/2004 18:40:50	String_2 Cluster_2 Gun_4 (300 cu in) autofired when not meant to fire.
2773	23/11/2004 18:45:37	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 17.3s into shot
	23/11/2004 18:45:37	Gun String_2:Cluster_2:Gun_3 (300 cu in) suspect autofire (sensor) 17.3s into shot
	23/11/2004 18:45:38	String_2 Cluster_2 Gun_4 (300 cu in) autofired when not meant to fire.

## Line Log: Off-Line (continued)

Shotpoint	Log Time	Message
	23/11/2004 18:45:38	String_2 Cluster_2 Gun_3 (300 cu in) autofired when not meant to fire.
2774	23/11/2004 18:46:01	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 5.8s into shot
	23/11/2004 18:46:03	Gun String_2:Cluster_3:Gun_5 (100 cu in) suspect autofire (sensor) 7.1s into shot
2781	23/11/2004 18:48:12	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 10.3s into shot
	23/11/2004 18:48:13	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 11.7s into shot
	23/11/2004 18:48:16	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 13.8s into shot
2783	23/11/2004 18:48:42	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 3.9s into shot
	23/11/2004 18:48:46	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 8.6s into shot
2789	23/11/2004 18:50:26	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 0.7s into shot
2790	23/11/2004 18:50:46	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 2.1s into shot
2811	23/11/2004 18:57:17	Gun String_2:Cluster_2:Gun_3 (300 cu in) suspect autofire (sensor) 15.3s into shot
2812	23/11/2004 18:57:22	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 1.9s into shot
	23/11/2004 18:57:35	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 15.2s into shot
2813	23/11/2004 18:57:37	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 17.2s into shot
	23/11/2004 18:57:38	String_2 Cluster_2 Gun_4 (300 cu in) autofired when not meant to fire.
	23/11/2004 18:57:41	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 3.2s into shot
	23/11/2004 18:57:44	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 6.2s into shot
	23/11/2004 18:57:49	Gun String_2:Cluster_2:Gun_3 (300 cu in) suspect autofire (sensor) 11.3s into shot
	23/11/2004 18:57:51	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 13.2s into shot
2814	23/11/2004 18:57:55	Gun String_2:Cluster_2:Gun_3 (300 cu in) suspect autofire (sensor) 17.2s into shot
	23/11/2004 18:57:56	String_2 Cluster_2 Gun_3 (300 cu in) autofired when not meant to fire.
	23/11/2004 18:58:01	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 5.3s into shot
2815	23/11/2004 18:58:13	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 17.2s into shot
	23/11/2004 18:58:14	String_2 Cluster_2 Gun_4 (300 cu in) autofired when not meant to fire.
2817	23/11/2004 18:58:52	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 2.2s into shot
	23/11/2004 18:59:04	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 14.2s into shot
2819	23/11/2004 18:59:38	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 12.2s into shot
2820	23/11/2004 18:59:44	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 0.6s into shot
2823	23/11/2004 19:00:37	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 17.7s into shot
	23/11/2004 19:00:38	String_2 Cluster_2 Gun_4 (300 cu in) autofired when not meant to fire.
	23/11/2004 19:00:39	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 1.2s into shot
	23/11/2004 19:00:42	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 4.2s into shot
	23/11/2004 19:00:44	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 6.2s into shot
	23/11/2004 19:00:50	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 12.2s into shot
	23/11/2004 19:00:52	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 13.9s into shot
2825	23/11/2004 19:01:15	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 1.0s into shot
	23/11/2004 19:01:18	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 4.4s into shot
	23/11/2004 19:01:19	Gun String_2:Cluster_2:Gun_3 (300 cu in) suspect autofire (sensor) 4.8s into shot
	23/11/2004 19:01:20	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 6.0s into shot
	23/11/2004 19:01:23	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 8.8s into shot
	23/11/2004 19:01:24	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 10.3s into shot
2826	23/11/2004 19:01:44	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 11.8s into shot
	23/11/2004 19:01:46	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 14.2s into shot
2827	23/11/2004 19:01:48	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 16.2s into shot
	23/11/2004 19:01:50	String_2 Cluster_2 Gun_4 (300 cu in) autofired when not meant to fire.

## Line Log: Off-Line (continued)

Shotpoint	Log Time	Message
	23/11/2004 19:01:51	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 1.2s into shot
	23/11/2004 19:01:54	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 4.2s into shot
	23/11/2004 19:01:56	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 6.2s into shot
2828	23/11/2004 19:02:06	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 16.2s into shot
	23/11/2004 19:02:08	String_2 Cluster_2 Gun_4 (300 cu in) autofired when not meant to fire.
	23/11/2004 19:02:22	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 14.2s into shot
2829	23/11/2004 19:02:33	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 7.2s into shot
2831	23/11/2004 19:03:05	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 3.2s into shot
	23/11/2004 19:03:13	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 11.2s into shot
2840	23/11/2004 19:05:46	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 2.2s into shot
2842	23/11/2004 19:06:28	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 8.2s into shot
	23/11/2004 19:06:34	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 14.6s into shot
2881	23/11/2004 19:18:14	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 12.0s into shot
2882	23/11/2004 19:18:29	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 9.7s into shot
	23/11/2004 19:18:30	Gun String_2:Cluster_2:Gun_3 (300 cu in) suspect autofire (sensor) 10.7s into shot
	23/11/2004 19:18:34	Gun String_2:Cluster_2:Gun_3 (300 cu in) suspect autofire (sensor) 13.8s into shot
2967	23/11/2004 19:44:02	Operator Command Soft Start initialised
2968	23/11/2004 19:44:07	Operator command, All GUNs Enable
	23/11/2004 19:44:08	Volume source 1 changed from 40 to 0 cu in (ideal volume 3040) 0.0%
2969	23/11/2004 19:44:26	Volume source 1 changed from 0 to 40 cu in (ideal volume 3040) 1.3%
2970	23/11/2004 19:44:42	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 16.3s into shot
	23/11/2004 19:44:44	String_2 Cluster_2 Gun_4 (300 cu in) autofired when not meant to fire.
	23/11/2004 19:44:46	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 2.7s into shot
2974	23/11/2004 19:45:56	Volume source 1 changed from 40 to 80 cu in (ideal volume 3040) 2.6%
2979	23/11/2004 19:47:26	Volume source 1 changed from 80 to 150 cu in (ideal volume 3040) 4.9%
2985	23/11/2004 19:49:14	Volume source 1 changed from 150 to 220 cu in (ideal volume 3040) 7.2%
2990	23/11/2004 19:50:44	Volume source 1 changed from 220 to 290 cu in (ideal volume 3040) 9.5%
2996	23/11/2004 19:52:32	Volume source 1 changed from 290 to 390 cu in (ideal volume 3040) 12.8%
3002	23/11/2004 19:54:20	Volume source 1 changed from 390 to 490 cu in (ideal volume 3040) 16.1%
3007	23/11/2004 19:55:50	Volume source 1 changed from 490 to 640 cu in (ideal volume 3040) 21.1%
3013	23/11/2004 19:57:38	Volume source 1 changed from 640 to 790 cu in (ideal volume 3040) 26.0%
3018	23/11/2004 19:59:08	Volume source 1 changed from 790 to 940 cu in (ideal volume 3040) 30.9%
3020	23/11/2004 19:59:52	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 8.0s into shot
	23/11/2004 19:59:56	Gun String_2:Cluster_2:Gun_4 (300 cu in) suspect autofire (sensor) 11.8s into shot
3024	23/11/2004 20:00:56	Spread error 3.5mS (limit 2.0mS) earliest String_1 Cluster_4 Gun_7 (error -0.1mS) latest String_1 Cluster_3 Gun_6 (error 3.4mS)
	23/11/2004 20:00:56	String_1 Cluster_3 Gun_6 (100 cu in) fired 3.4 mS late.
	23/11/2004 20:00:56	Volume source 1 changed from 940 to 1140 cu in (ideal volume 3040) 37.5%
3025	23/11/2004 20:01:14	Spread error 3.4mS (limit 2.0mS) earliest String_1 Cluster_3 Gun_6 (error -3.3mS) latest String_3 Cluster_5 Gun_8 (error 0.1mS)
	23/11/2004 20:01:14	String_1 Cluster_3 Gun_6 (100 cu in) fired 3.3 mS early.
3029	23/11/2004 20:02:26	Volume source 1 changed from 1140 to 1340 cu in (ideal volume 3040) 44.1%
3035	23/11/2004 20:04:14	Volume source 1 changed from 1340 to 1640 cu in (ideal volume 3040) 53.9%
3041	23/11/2004 20:06:02	Spread error 2.7mS (limit 2.0mS) earliest String_3 Cluster_6 Gun_9 (error -0.1mS) latest String_3 Cluster_2 Gun_4 (error 2.6mS)

## Line Log: Off-Line (continued)

Shotpoint	Log Time	Message
	23/11/2004 20:06:02	String_3 Cluster_2 Gun_4 (150 cu in) fired 2.6 mS late.
	23/11/2004 20:06:02	Volume source 1 changed from 1640 to 1940 cu in (ideal volume 3040) 63.8%
3042	23/11/2004 20:06:20	Spread error 2.9mS (limit 2.0mS) earliest String_3 Cluster_2 Gun_4 (error -2.5mS) latest String_3 Cluster_2 Gun_3 (error 0.4mS)
	23/11/2004 20:06:20	String_3 Cluster_2 Gun_4 (150 cu in) fired 2.5 mS early.
3046	23/11/2004 20:07:32	Spread error 6.0mS (limit 2.0mS) earliest String_3 Cluster_5 Gun_8 (error -0.1mS) latest String_1 Cluster_1 Gun_2 (error 5.9mS)
	23/11/2004 20:07:32	String_1 Cluster_1 Gun_2 (250 cu in) fired 5.9 mS late.
	23/11/2004 20:07:32	String_1 Cluster_1 Gun_1 (250 cu in) fired 4.3 mS late.
	23/11/2004 20:07:33	Volume source 1 changed from 1940 to 2440 cu in (ideal volume 3040) 80.3%
3047	23/11/2004 20:07:50	Spread error 5.9mS (limit 2.0mS) earliest String_1 Cluster_1 Gun_2 (error -5.7mS) latest String_3 Cluster_2 Gun_3 (error 0.2mS)
	23/11/2004 20:07:50	String_1 Cluster_1 Gun_2 (250 cu in) fired 5.7 mS early.
	23/11/2004 20:07:50	String_1 Cluster_1 Gun_1 (250 cu in) fired 3.0 mS early.
3050	23/11/2004 20:08:53	Operator command, GUN String_1 Cluster_1 Gun_2 Disable
	23/11/2004 20:08:56	Operator command, GUN String_1 Cluster_3 Gun_6 Disable
	23/11/2004 20:08:59	Operator command, GUN String_3 Cluster_2 Gun_4 Disable
3051	23/11/2004 20:09:02	Volume source 1 changed from 2440 to 1940 cu in (ideal volume 3040) 63.8%
3052	23/11/2004 20:09:20	Spread error 3.3mS (limit 2.0mS) earliest String_1 Cluster_1 Gun_1 (error -0.6mS) latest String_3 Cluster_1 Gun_2 (error 2.7mS)
	23/11/2004 20:09:20	String_3 Cluster_1 Gun_2 (250 cu in) fired 2.7 mS late.
	23/11/2004 20:09:20	String_3 Cluster_1 Gun_1 (250 cu in) fired 2.5 mS late.
	23/11/2004 20:09:20	Volume source 1 changed from 1940 to 2440 cu in (ideal volume 3040) 80.3%
3053	23/11/2004 20:09:38	Spread error 2.9mS (limit 2.0mS) earliest String_3 Cluster_1 Gun_2 (error -2.7mS) latest String_3 Cluster_3 Gun_5 (error 0.2mS)
	23/11/2004 20:09:38	String_3 Cluster_1 Gun_2 (250 cu in) fired 2.7 mS early.
	23/11/2004 20:09:38	String_3 Cluster_1 Gun_1 (250 cu in) fired 2.5 mS early.
3054	23/11/2004 20:09:56	String_1 Cluster_1 Gun_1 (250 cu in) fired 1.4 mS early.
3055	23/11/2004 20:10:14	Spread error 2.3mS (limit 2.0mS) earliest String_1 Cluster_1 Gun_1 (error -1.4mS) latest String_3 Cluster_1 Gun_1 (error 0.9mS)
	23/11/2004 20:10:14	String_1 Cluster_1 Gun_1 (250 cu in) fired 1.4 mS early.
3056	23/11/2004 20:10:32	String_1 Cluster_1 Gun_1 (250 cu in) fired 1.3 mS early.
3057	23/11/2004 20:10:50	Spread error 5.5mS (limit 2.0mS) earliest String_3 Cluster_1 Gun_1 (error -0.3mS) latest String_2 Cluster_1 Gun_2 (error 5.2mS)
	23/11/2004 20:10:50	String_2 Cluster_1 Gun_2 (300 cu in) fired 5.2 mS late.
	23/11/2004 20:10:50	String_2 Cluster_1 Gun_1 (300 cu in) fired 3.3 mS late.
	23/11/2004 20:10:51	Volume source 1 changed from 2440 to 3040 cu in (ideal volume 3040)
3058	23/11/2004 20:11:08	Spread error 5.5mS (limit 2.0mS) earliest String_2 Cluster_1 Gun_2 (error -5.4mS) latest String_3 Cluster_1 Gun_2 (error 0.1mS)
	23/11/2004 20:11:08	String_2 Cluster_1 Gun_2 (300 cu in) fired 5.4 mS early.
	23/11/2004 20:11:08	String_2 Cluster_1 Gun_1 (300 cu in) fired 4.5 mS early.
3061	23/11/2004 20:12:06	Operator command, GUN String_2 Cluster_1 Gun_1 Disable
	23/11/2004 20:12:06	Operator command, GUN String_2 Cluster_1 Gun_2 Disable
3062	23/11/2004 20:12:20	Volume source 1 changed from 3040 to 2440 cu in (ideal volume 3040) 80.3%

## Line Log: Off-Line (continued)

Shotpoint	Log Time	Message
3063	23/11/2004 20:12:38	Spread error 4.0mS (limit 2.0mS) earliest String_1 Cluster_6 Gun_9 (error -0.1mS) latest String_2 Cluster_2 Gun_3 (error 3.9mS)
	23/11/2004 20:12:38	String_2 Cluster_2 Gun_4 (300 cu in) fired 1.7 mS late.
	23/11/2004 20:12:38	String_2 Cluster_2 Gun_3 (300 cu in) fired 3.9 mS late.
	23/11/2004 20:12:38	Volume source 1 changed from 2440 to 3040 cu in (ideal volume 3040)
3064	23/11/2004 20:12:56	Spread error 3.7mS (limit 2.0mS) earliest String_2 Cluster_2 Gun_3 (error -3.5mS) latest String_3 Cluster_5 Gun_8 (error 0.2mS)
	23/11/2004 20:12:56	String_2 Cluster_2 Gun_4 (300 cu in) fired 1.7 mS early.
	23/11/2004 20:12:56	String_2 Cluster_2 Gun_3 (300 cu in) fired 3.5 mS early.
3067	23/11/2004 20:13:54	Operator Command SHOT DISABLE
	23/11/2004 20:15:12	Operator Command EXTERNAL fire
	23/11/2004 20:15:12	Timeout on message read from Navigation system
	23/11/2004 20:15:38	Timeout on message read from Navigation system
	23/11/2004 20:16:03	Timeout on message read from Navigation system
	23/11/2004 20:16:28	Timeout on message read from Navigation system
	23/11/2004 20:16:53	Timeout on message read from Navigation system
981	23/11/2004 20:17:06	Missed Shot(s). Last S.P. 3067 this shot 981 (expected increment/decrement 1)
987	23/11/2004 20:18:04	LOST SHOT - TCU did not detect T0 - Failed to see fire signal before timeout (predict settings wrong ?)
1001	23/11/2004 20:20:18	Start of line OEP04-27-01-032 shot 1001
		Totalshots on line = 427 Shots with one or more errors 28 (6.6%)
		Shots with missfires 5 (1.2%)
		Shots with bad timing 23 (5.4%)