

## GCS90 Log Line NOV2003

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11/11/03				VOLUME		AUTOFIRE		TIME-ERROR		SPREAD	
LINE	SHOT	HH:MM:SS	SRC	TOT	CNT	SHOT	LINE	MISS	DELTA	ERR	CNT
1060P2	951.000	4:55:55	1	2500	100	0	0	0	0	1 2.1E	1
DELTA ERR: 1 - S3-3											
1060P2	952.000	4:56:04	2	2500	100	0	0	0	0	0 1.3	1
1060P2	953.000	4:56:12	1	2500	100	0	0	0	0	0 1.3	1
1060P2	954.000	4:56:21	2	2500	100	0	0	0	0	0 1.0	1
1060P2	955.000	4:56:30	1	2500	100	0	0	0	0	0 0.9	1
1060P2	956.000	4:56:39	2	2500	100	0	0	0	0	0 1.3	1
1060P2	957.000	4:56:48	1	2500	100	0	0	0	0	0 0.9	1
1060P2	958.000	4:56:57	2	2500	100	0	0	0	0	0 1.0	1
1060P2	959.000	4:57:06	1	2500	100	0	0	0	0	0 0.9	1
1060P2	960.000	4:57:15	2	2500	100	0	0	0	0	0 0.7	1
1060P2	961.000	4:57:24	1	2500	100	0	0	0	0	0 0.7	1
1060P2	962.000	4:57:33	2	2500	100	0	0	0	0	0 1.0	1
1060P2	963.000	4:57:42	1	2500	100	0	0	0	0	0 1.3	1
1060P2	964.000	4:57:50	2	2500	100	0	0	0	0	0 1.5	1
1060P2	965.000	4:57:59	1	2500	100	0	0	0	0	0 0.5	1
1060P2	966.000	4:58:08	2	2500	100	0	0	0	0	0 1.6	1
1060P2	967.000	4:58:17	1	2500	100	0	0	0	0	0 1.0	1
1060P2	968.000	4:58:26	2	2500	100	0	0	0	0	0 1.1	1
1060P2	969.000	4:58:35	1	2500	100	0	0	0	0	0 0.7	1
1060P2	970.000	4:58:44	2	2500	100	0	0	0	0	0 0.9	1
1060P2	971.000	4:58:53	1	2500	100	0	0	0	0	0 1.0	1
1060P2	972.000	4:59:01	2	2500	100	0	0	0	0	0 1.7	1
1060P2	973.000	4:59:10	1	2500	100	0	0	0	0	0 1.3	1
1060P2	974.000	4:59:19	2	2500	100	0	0	0	0	0 0.6	1
1060P2	975.000	4:59:28	1	2500	100	0	0	0	0	0 1.2	1
1060P2	976.000	4:59:37	2	2500	100	0	0	0	0	0 1.1	1
1060P2	977.000	4:59:46	1	2500	100	0	0	0	0	0 0.9	1
1060P2	978.000	4:59:55	2	2500	100	0	0	0	0	0 0.9	1
1060P2	979.000	5:00:03	1	2500	100	0	0	0	0	0 0.8	1
1060P2	980.000	5:00:12	2	2500	100	0	0	0	0	0 0.9	1
1060P2	981.000	5:00:21	1	2500	100	0	0	0	0	0 0.9	1
1060P2	982.000	5:00:30	2	2500	100	0	0	0	0	0 0.7	1
1060P2	983.000	5:00:39	1	2500	100	0	0	0	0	0 1.6	1
1060P2	984.000	5:00:48	2	2500	100	0	0	0	0	0 0.6	1
1060P2	985.000	5:00:57	1	2500	100	0	0	0	0	0 1.1	1
1060P2	986.000	5:01:06	2	2500	100	0	0	0	0	0 1.2	1
1060P2	987.000	5:01:15	1	2500	100	0	0	0	0	0 0.8	1
1060P2	988.000	5:01:24	2	2500	100	0	0	0	0	0 1.5	1
1060P2	989.000	5:01:33	1	2500	100	0	0	0	0	0 1.0	1
1060P2	990.000	5:01:42	2	2500	100	0	0	0	0	0 1.0	1
1060P2	991.000	5:01:51	1	2500	100	0	0	0	0	0 1.4	1
1060P2	992.000	5:02:00	2	2500	100	0	0	0	0	0 1.7	1
1060P2	993.000	5:02:09	1	2500	100	0	0	0	0	0 0.9	1
1060P2	994.000	5:02:17	2	2500	100	0	0	0	0	0 0.8	1
1060P2	995.000	5:02:26	1	2500	100	0	0	0	0	0 0.8	1
1060P2	996.000	5:02:35	2	2500	100	0	0	0	0	0 1.3	1
1060P2	997.000	5:02:44	1	2500	100	0	0	0	0	0 1.3	1
1060P2	998.000	5:02:53	2	2500	100	0	0	0	0	0 1.3	1
1060P2	999.000	5:03:02	1	2500	100	0	0	0	0	0 0.5	1
1060P2	1000.000	5:03:11	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1001.000	5:03:20	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1002.000	5:03:29	2	2500	100	0	0	0	0	0 1.4	1
1060P2	1003.000	5:03:38	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1004.000	5:03:47	2	2500	100	0	0	0	0	0 1.4	1
1060P2	1005.000	5:03:55	1	2500	100	0	0	0	0	0 1.5	1
1060P2	1006.000	5:04:05	2	2500	100	0	0	0	0	0 0.7	1

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11/11/03				VOLUME		AUTOFIRE		TIME-ERROR		SPREAD	
LINE	SHOT	HH:MM:SS	SRC	TOT	CNT	SHOT	LINE	MISS	DELTA	ERR	CNT
1060P2	1007.000	5:04:13	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1008.000	5:04:22	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1009.000	5:04:31	1	2500	100	0	0	0	0	0 1.1	1
1060P2	1010.000	5:04:40	2	2500	100	0	0	0	0	0 1.1	1
1060P2	1011.000	5:04:49	1	2500	100	0	0	0	0	0 1.2	1
1060P2	1012.000	5:04:58	2	2500	100	0	0	0	0	0 1.1	1
1060P2	1013.000	5:05:08	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1014.000	5:05:16	2	2500	100	0	0	0	0	0 1.1	1
1060P2	1015.000	5:05:25	1	2500	100	0	0	0	0	0 1.0	1
1060P2	1016.000	5:05:34	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1017.000	5:05:43	1	2500	100	0	0	0	0	0 1.1	1
1060P2	1018.000	5:05:52	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1019.000	5:06:01	1	2500	100	0	0	0	0	0 0.5	1
1060P2	1020.000	5:06:10	2	2500	100	0	0	0	0	0 1.3	1
1060P2	1021.000	5:06:19	1	2500	100	0	0	0	0	0 1.0	1
1060P2	1022.000	5:06:28	2	2500	100	0	0	0	0	0 1.6	1
1060P2	1023.000	5:06:36	1	2500	100	0	0	0	0	0 1.0	1
1060P2	1024.000	5:06:45	2	2500	100	0	0	0	0	0 0.7	1
1060P2	1025.000	5:06:54	1	2500	100	0	0	0	0	0 0.5	1
1060P2	1026.000	5:07:03	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1027.000	5:07:12	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1028.000	5:07:20	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1029.000	5:07:29	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1030.000	5:07:38	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1031.000	5:07:47	1	2500	100	0	0	0	0	0 0.6	1
1060P2	1032.000	5:07:56	2	2500	100	0	0	0	0	0 1.2	1
1060P2	1033.000	5:08:05	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1034.000	5:08:14	2	2500	100	0	0	0	0	0 0.7	1
1060P2	1035.000	5:08:23	1	2500	100	0	0	0	0	0 1.4	1
1060P2	1036.000	5:08:32	2	2500	100	0	0	0	0	0 1.2	1
1060P2	1037.000	5:08:41	1	2500	100	0	0	0	0	0 1.0	1
1060P2	1038.000	5:08:50	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1039.000	5:08:59	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1040.000	5:09:08	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1041.000	5:09:17	1	2500	100	0	0	0	0	0 1.3	1
1060P2	1042.000	5:09:26	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1043.000	5:09:35	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1044.000	5:09:43	2	2500	100	0	0	0	0	0 0.5	1
1060P2	1045.000	5:09:52	1	2500	100	0	0	0	0	0 1.2	1
1060P2	1046.000	5:10:01	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1047.000	5:10:10	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1048.000	5:10:19	2	2500	100	0	0	0	0	0 1.2	1
1060P2	1049.000	5:10:28	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1050.000	5:10:37	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1051.000	5:10:46	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1052.000	5:10:55	2	2500	100	0	0	0	0	0 0.5	1
1060P2	1053.000	5:11:04	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1054.000	5:11:13	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1055.000	5:11:22	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1056.000	5:11:31	2	2500	100	0	0	0	0	0 1.1	1
1060P2	1057.000	5:11:40	1	2500	100	0	0	0	0	0 1.3	1
1060P2	1058.000	5:11:49	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1059.000	5:11:58	1	2500	100	0	0	0	0	0 1.0	1
1060P2	1060.000	5:12:07	2	2500	100	0	0	0	0	0 1.5	1
1060P2	1061.000	5:12:16	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1062.000	5:12:25	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1063.000	5:12:34	1	2500	100	0	0	0	0	0 0.3	1

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11/11/03				VOLUME		AUTOFIRE		TIME-ERROR		SPREAD	
LINE	SHOT	HH:MM:SS	SRC	TOT	CNT	SHOT	LINE	MISS	DELTA	ERR	CNT
1060P2	1064.000	5:12:43	2	2500	100	0	0	0	0	0 1.1	1
1060P2	1065.000	5:12:51	1	2500	100	0	0	0	0	0 1.0	1
1060P2	1066.000	5:13:00	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1067.000	5:13:09	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1068.000	5:13:18	2	2500	100	0	0	0	0	0 1.2	1
1060P2	1069.000	5:13:27	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1070.000	5:13:36	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1071.000	5:13:45	1	2500	100	0	0	0	0	0 1.1	1
1060P2	1072.000	5:13:54	2	2500	100	0	0	0	0	0 0.6	1
1060P2	1073.000	5:14:03	1	2500	100	0	0	0	0	0 0.5	1
1060P2	1074.000	5:14:12	2	2500	100	0	0	0	0	0 0.6	1
1060P2	1075.000	5:14:21	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1076.000	5:14:30	2	2500	100	0	0	0	0	0 0.7	1
1060P2	1077.000	5:14:39	1	2500	100	0	0	0	0	0 1.2	1
1060P2	1078.000	5:14:47	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1079.000	5:14:56	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1080.000	5:15:05	2	2500	100	0	0	0	0	0 1.4	1
1060P2	1081.000	5:15:14	1	2500	100	0	0	0	0	0 1.0	1
1060P2	1082.000	5:15:23	2	2500	100	0	0	0	0	0 1.4	1
1060P2	1083.000	5:15:32	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1084.000	5:15:41	2	2500	100	0	0	0	0	0 0.7	1
1060P2	1085.000	5:15:50	1	2500	100	0	0	0	0	0 1.1	1
1060P2	1086.000	5:15:58	2	2500	100	0	0	0	0	0 1.2	1
1060P2	1087.000	5:16:07	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1088.000	5:16:16	2	2500	100	0	0	0	0	0 1.5	1
1060P2	1089.000	5:16:25	1	2500	100	0	0	0	0	0 1.0	1
1060P2	1090.000	5:16:34	2	2500	100	0	0	0	0	0 1.4	1
1060P2	1091.000	5:16:43	1	2500	100	0	0	0	0	0 0.5	1
1060P2	1092.000	5:16:52	2	2500	100	0	0	0	0	0 1.4	1
1060P2	1093.000	5:17:01	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1094.000	5:17:10	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1095.000	5:17:19	1	2500	100	0	0	0	0	0 0.4	1
1060P2	1096.000	5:17:27	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1097.000	5:17:36	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1098.000	5:17:45	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1099.000	5:17:54	1	2500	100	0	0	0	0	0 0.6	1
1060P2	1100.000	5:18:03	2	2500	100	0	0	0	0	0 0.6	1
1060P2	1101.000	5:18:12	1	2500	100	0	0	0	0	0 0.6	1
1060P2	1102.000	5:18:20	2	2500	100	0	0	0	0	0 0.7	1
1060P2	1103.000	5:18:29	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1104.000	5:18:38	2	2500	100	0	0	0	0	0 0.7	1
1060P2	1105.000	5:18:47	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1106.000	5:18:56	2	2500	100	0	0	0	0	0 0.6	1
1060P2	1107.000	5:19:05	1	2500	100	0	0	0	0	0 1.2	1
1060P2	1108.000	5:19:14	2	2500	100	0	0	0	0	0 1.2	1
1060P2	1109.000	5:19:23	1	2500	100	0	0	0	0	0 1.2	1
1060P2	1110.000	5:19:32	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1111.000	5:19:41	1	2500	100	0	0	0	0	0 1.1	1
1060P2	1112.000	5:19:50	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1113.000	5:19:59	1	2500	100	0	0	0	0	0 0.6	1
1060P2	1114.000	5:20:08	2	2500	100	0	0	0	0	0 0.6	1
1060P2	1115.000	5:20:16	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1116.000	5:20:25	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1117.000	5:20:34	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1118.000	5:20:43	2	2500	100	0	0	0	0	0 0.5	1
1060P2	1119.000	5:20:52	1	2500	100	0	0	0	0	0 0.5	1
1060P2	1120.000	5:21:01	2	2500	100	0	0	0	0	0 0.7	1

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11/11/03				VOLUME		AUTOFIRE		TIME-ERROR		SPREAD	
LINE	SHOT	HH:MM:SS	SRC	TOT	CNT	SHOT	LINE	MISS	DELTA	ERR	CNT
1060P2	1121.000	5:21:10	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1122.000	5:21:19	2	2500	100	0	0	0	0	0 0.7	1
1060P2	1123.000	5:21:28	1	2500	100	0	0	0	0	0 1.3	1
1060P2	1124.000	5:21:36	2	2500	100	0	0	0	0	0 1.2	1
1060P2	1125.000	5:21:45	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1126.000	5:21:54	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1127.000	5:22:03	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1128.000	5:22:12	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1129.000	5:22:21	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1130.000	5:22:30	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1131.000	5:22:39	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1132.000	5:22:48	2	2500	100	0	0	0	0	0 1.6	1
1060P2	1133.000	5:22:57	1	2500	100	0	0	0	0	0 0.6	1
1060P2	1134.000	5:23:05	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1135.000	5:23:14	1	2500	100	0	0	0	0	0 1.3	1
1060P2	1136.000	5:23:23	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1137.000	5:23:32	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1138.000	5:23:41	2	2500	100	0	0	0	0	0 1.2	1
1060P2	1139.000	5:23:50	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1140.000	5:23:59	2	2500	100	0	0	0	0	0 1.2	1
1060P2	1141.000	5:24:07	1	2500	100	0	0	0	0	0 0.6	1
1060P2	1142.000	5:24:16	2	2500	100	0	0	0	0	0 1.3	1
1060P2	1143.000	5:24:25	1	2500	100	0	0	0	0	0 1.3	1
1060P2	1144.000	5:24:34	2	2500	100	0	0	0	0	0 0.7	1
1060P2	1145.000	5:24:43	1	2500	100	0	0	0	0	0 0.6	1
1060P2	1146.000	5:24:52	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1147.000	5:25:01	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1148.000	5:25:10	2	2500	100	0	0	0	0	0 1.6	1
1060P2	1149.000	5:25:19	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1150.000	5:25:28	2	2500	100	0	0	0	0	0 1.3	1
1060P2	1151.000	5:25:37	1	2500	100	0	0	0	0	0 0.6	1
1060P2	1152.000	5:25:46	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1153.000	5:25:54	1	2500	100	0	0	0	0	0 0.6	1
1060P2	1154.000	5:26:03	2	2500	100	0	0	0	0	0 0.7	1
1060P2	1155.000	5:26:12	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1156.000	5:26:21	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1157.000	5:26:30	1	2500	100	0	0	0	0	0 1.1	1
1060P2	1158.000	5:26:38	2	2500	100	0	0	0	0	0 1.5	1
1060P2	1159.000	5:26:48	1	2500	100	0	0	0	0	0 1.0	1
1060P2	1160.000	5:26:57	2	2500	100	0	0	0	0	0 1.1	1
1060P2	1161.000	5:27:05	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1162.000	5:27:14	2	2500	100	0	0	0	0	0 1.2	1
1060P2	1163.000	5:27:23	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1164.000	5:27:32	2	2500	100	0	0	0	0	0 1.1	1
1060P2	1165.000	5:27:41	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1166.000	5:27:50	2	2500	100	0	0	0	0	0 0.7	1
1060P2	1167.000	5:27:59	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1168.000	5:28:08	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1169.000	5:28:17	1	2500	100	0	0	0	0	0 1.3	1
1060P2	1170.000	5:28:26	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1171.000	5:28:35	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1172.000	5:28:44	2	2500	100	0	0	0	0	0 0.5	1
1060P2	1173.000	5:28:52	1	2500	100	0	0	0	0	0 1.0	1
1060P2	1174.000	5:29:01	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1175.000	5:29:10	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1176.000	5:29:19	2	2500	100	0	0	0	0	0 0.6	1
1060P2	1177.000	5:29:28	1	2500	100	0	0	0	0	0 0.8	1

# GCS90 Log Line NOV2003

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11/11/03				VOLUME		AUTOFIRE		TIME-ERROR		SPREAD	
LINE	SHOT	HH:MM:SS	SRC	TOT	CNT	SHOT	LINE	MISS	DELTA	ERR	CNT
1060P2	1178.000	5:29:37	2	2500	100	0	0	0	0	0 0.5	1
1060P2	1179.000	5:29:46	1	2500	100	0	0	0	0	0 1.5	1
1060P2	1180.000	5:29:54	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1181.000	5:30:03	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1182.000	5:30:12	2	2500	100	0	0	0	0	0 1.1	1
1060P2	1183.000	5:30:21	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1184.000	5:30:30	2	2500	100	0	0	0	0	0 1.2	1
1060P2	1185.000	5:30:39	1	2500	100	0	0	0	0	0 1.6	1
1060P2	1186.000	5:30:48	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1187.000	5:30:57	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1188.000	5:31:06	2	2500	100	0	0	0	0	0 1.5	1
1060P2	1189.000	5:31:14	1	2500	100	0	0	0	0	0 1.7	1
1060P2	1190.000	5:31:23	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1191.000	5:31:32	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1192.000	5:31:41	2	2500	100	0	0	0	0	0 1.4	1
1060P2	1193.000	5:31:50	1	2500	100	0	0	0	0	0 1.0	1
1060P2	1194.000	5:31:59	2	2500	100	0	0	0	0	0 1.3	1
1060P2	1195.000	5:32:08	1	2500	100	0	0	0	0	0 1.1	1
1060P2	1196.000	5:32:16	2	2500	100	0	0	0	0	0 1.1	1
1060P2	1197.000	5:32:25	1	2500	100	0	0	0	0	0 1.1	1
1060P2	1198.000	5:32:34	2	2500	100	0	0	0	0	0 0.8	1
1060P2	1199.000	5:32:43	1	2500	100	0	0	0	0	0 1.1	1
1060P2	1200.000	5:32:52	2	2500	100	0	0	0	0	0 1.1	1
1060P2	1201.000	5:33:01	1	2500	100	0	0	0	0	0 0.7	1
1060P2	1202.000	5:33:10	2	2500	100	0	0	0	0	0 1.4	1
1060P2	1203.000	5:33:19	1	2500	100	0	0	0	0	0 0.8	1
1060P2	1204.000	5:33:28	2	2500	100	0	0	0	0	0 1.3	1
1060P2	1205.000	5:33:37	1	2500	100	0	0	0	0	0 1.2	1
1060P2	1206.000	5:33:46	2	2500	100	0	0	0	0	0 1.0	1
1060P2	1207.000	5:33:55	1	2500	100	0	0	0	0	0 0.9	1
1060P2	1208.000	5:34:04	2	2500	100	0	0	0	0	0 1.5	1
1060P2	1209.000	5:34:13	1	2500	100	0	0	0	0	0 0.6	1
1060P2	1210.000	5:34:22	2	2500	100	0	0	0	0	0 0.9	1
1060P2	1211.000	5:34:31	1	2500	100	0	0	0	0	0 2.0E	2
1060P2	1212.000	5:34:39	2	2500	100	0	0	0	0	0 0.7	2
1060P2	1213.000	5:34:48	1	2500	100	0	0	0	0	0 1.1	2
1060P2	1214.000	5:34:57	2	2500	100	0	0	0	0	0 0.8	2
1060P2	1215.000	5:35:06	1	2500	100	0	0	0	0	0 0.8	2
1060P2	1216.000	5:35:15	2	2500	100	0	0	0	0	0 1.5	2
1060P2	1217.000	5:35:24	1	2500	100	0	0	0	0	0 1.1	2
1060P2	1218.000	5:35:33	2	2500	100	0	0	0	0	0 1.2	2
1060P2	1219.000	5:35:42	1	2500	100	0	0	0	0	0 1.7	2
1060P2	1220.000	5:35:51	2	2500	100	0	0	0	0	0 1.3	2
1060P2	1221.000	5:36:00	1	2500	100	0	0	0	0	0 0.8	2
1060P2	1222.000	5:36:09	2	2500	100	0	0	0	0	0 0.4	2
1060P2	1223.000	5:36:18	1	2500	100	0	0	0	0	0 0.9	2
1060P2	1224.000	5:36:27	2	2500	100	0	0	0	0	0 1.0	2
1060P2	1225.000	5:36:36	1	2500	100	0	0	0	0	0 1.0	2
1060P2	1226.000	5:36:44	2	2500	100	0	0	0	0	0 1.2	2
1060P2	1227.000	5:36:53	1	2500	100	0	0	0	0	0 1.0	2
1060P2	1228.000	5:37:02	2	2500	100	0	0	0	0	0 1.1	2
1060P2	1229.000	5:37:11	1	2500	100	0	0	0	0	0 1.3	2
1060P2	1230.000	5:37:20	2	2500	100	0	0	0	0	0 0.9	2
1060P2	1231.000	5:37:29	1	2500	100	0	0	0	0	0 1.0	2
1060P2	1232.000	5:37:38	2	2500	100	0	0	0	0	0 0.6	2
1060P2	1233.000	5:37:47	1	2500	100	0	0	0	0	0 0.8	2
1060P2	1234.000	5:37:56	2	2500	100	0	0	0	0	0 0.7	2

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11/11/03					VOLUME		AUTOFIRE TIME-ERROR SPREAD					
LINE	SHOT	HH:MM:SS	SRC	TOT	CNT		SHOT	LINE	MISS	DELTA	ERR	CNT
1060P2	1235.000	5:38:05	1	2500	100	0	0	0	0	0	1.2	2
1060P2	1236.000	5:38:14	2	2500	100	0	0	0	0	0	1.2	2
1060P2	1237.000	5:38:23	1	2500	100	0	0	0	0	0	0.7	2
1060P2	1238.000	5:38:32	2	2500	100	0	0	0	0	0	1.8	2
1060P2	1239.000	5:38:41	1	2500	100	0	0	0	0	0	0.5	2
1060P2	1240.000	5:38:50	2	2500	100	0	0	0	0	0	0.8	2
1060P2	1241.000	5:38:59	1	2500	100	0	0	0	0	0	0.9	2
1060P2	1242.000	5:39:08	2	2500	100	0	0	0	0	0	0.7	2
1060P2	1243.000	5:39:16	1	2500	100	0	0	0	0	0	0.7	2
1060P2	1244.000	5:39:25	2	2500	100	0	0	0	0	0	1.3	2
1060P2	1245.000	5:39:34	1	2500	100	0	0	0	0	0	0.9	2

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STATISTICS SUMMARY LINE:1060P2 SHOT: 1246.000 5:39:34 11/11/03

ARRAY	SUB	GUN	TOTAL	DELT	MISS	AUTO	BAD	HCOUNT	2*QC	DELTA VARIATION				DEPTH	
										QC	OK	>QC	>2*QC	LOW	HIGH
Port	6	1	147	0	0	0	0.0	469458	0	0	147	0	0	0	0
Port	6	2	147	0	0	0	0.0	465232	0	0	147	0	0	0	0
Port	6	3	147	0	0	0	0.0	470106	0	0	147	0	0	0	0
Port	6	4	0	0	0	0	0.0	10032	0	0	0	0	0	0	0
Port	6	5	0	0	0	0	0.0	280547	0	0	0	0	0	0	0
Port	6	6	147	0	0	0	0.0	470349	0	0	147	0	0	0	0
Port	6	7	147	0	0	0	0.0	470172	0	0	147	0	0	0	0
Port	6	8	0	0	0	0	0.0	282484	0	0	0	0	0	0	0
Port	6	9	147	0	0	0	0.0	467386	0	0	147	0	0	0	0
Port	6	10	147	0	0	0	0.0	468225	0	0	147	0	0	0	0
Port	6	11	147	0	0	0	0.0	467980	0	0	147	0	0	0	0
Port	5	1	147	0	0	0	0.0	469483	0	0	147	0	0	0	0
Port	5	2	147	0	0	0	0.0	469854	0	0	147	0	0	0	0
Port	5	3	0	0	0	0	0.0	279644	0	0	0	0	0	0	0
Port	5	4	147	0	0	0	0.0	104354	0	0	147	0	0	0	0
Port	5	5	147	0	0	0	0.0	470034	0	0	147	0	0	0	0
Port	5	6	147	0	0	0	0.0	471263	0	0	147	0	0	0	0
Port	5	8	147	0	0	0	0.0	470159	0	0	147	0	0	0	0
Port	5	9	0	0	0	0	0.0	677	0	0	0	0	0	0	0
Port	5	10	0	0	0	0	0.0	279486	0	0	0	0	0	0	0
Port	5	11	0	0	0	0	0.0	6986	0	0	0	0	0	0	0
Port	4	1	147	0	0	0	0.0	467050	0	0	147	0	0	0	0
Port	4	2	0	0	0	0	0.0	283971	0	0	0	0	0	0	0
Port	4	3	147	0	0	0	0.0	465197	0	0	147	0	0	0	0
Port	4	4	147	0	0	0	0.0	469665	0	0	147	0	0	0	0
Port	4	5	147	0	0	0	0.0	469690	0	0	147	0	0	0	0
Port	4	6	147	0	0	0	0.0	466375	0	0	147	0	0	0	0
Port	4	7	0	0	0	0	0.0	280514	0	0	0	0	0	0	0
Port	4	8	0	0	0	0	0.0	257312	0	0	0	0	0	0	0
Port	4	9	147	0	0	0	0.0	214460	0	0	147	0	0	0	0
Port	4	10	147	0	0	0	0.0	470091	0	0	147	0	0	0	0
Port	4	11	147	0	0	0	0.0	468560	0	0	147	0	0	0	0
Starboard	3	1	148	0	0	0	0.0	270613	0	0	148	0	0	0	0
Starboard	3	2	148	0	0	0	0.0	271701	0	0	148	0	0	0	0
Starboard	3	3	148	1	0	0	0.7	272164	0	1	147	0	0	0	0
Starboard	3	4	0	0	0	0	0.0	3610	0	0	0	0	0	0	0
Starboard	3	5	0	0	0	0	0.0	213558	0	0	0	0	0	0	0
Starboard	3	6	148	0	0	0	0.0	272235	0	0	148	0	0	0	0
Starboard	3	7	148	0	0	0	0.0	270852	0	0	148	0	0	0	0
Starboard	3	8	0	0	0	0	0.0	213670	0	0	0	0	0	0	0
Starboard	3	9	148	0	0	0	0.0	272207	0	0	148	0	0	0	0
Starboard	3	10	148	0	0	0	0.0	271418	0	0	148	0	0	0	0
Starboard	3	11	148	0	0	0	0.0	271777	0	0	148	0	0	0	0
Starboard	2	1	148	0	0	0	0.0	280480	0	0	148	0	0	0	0
Starboard	2	2	148	0	0	0	0.0	280978	0	0	148	0	0	0	0
Starboard	2	3	0	0	0	0	0.0	222256	0	0	0	0	0	0	0
Starboard	2	4	0	0	0	0	0.0	9576	0	0	0	0	0	0	0
Starboard	2	5	148	0	0	0	0.0	280910	0	0	148	0	0	0	0
Starboard	2	6	148	0	0	0	0.0	281630	0	0	148	0	0	0	0
Starboard	2	7	148	0	0	0	0.0	281075	0	0	148	0	0	0	0
Starboard	2	8	148	0	0	0	0.0	280747	0	0	148	0	0	0	0
Starboard	2	9	0	0	0	0	0.0	9706	0	0	0	0	0	0	0
Starboard	2	10	0	0	0	0	0.0	221379	0	0	0	0	0	0	0
Starboard	2	11	0	0	0	0	0.0	12539	0	0	0	0	0	0	0
Starboard	1	1	148	0	0	0	0.0	297187	0	0	148	0	0	0	0
Starboard	1	2	0	0	0	0	0.0	237704	0	0	0	0	0	0	0
Starboard	1	3	148	0	0	0	0.0	297040	0	0	148	0	0	0	0
Starboard	1	4	148	0	0	0	0.0	111099	0	0	148	0	0	0	0
Starboard	1	5	148	0	0	0	0.0	297327	0	0	148	0	0	0	0
Starboard	1	6	148	0	0	0	0.0	297517	0	0	148	0	0	0	0
Starboard	1	7	0	0	0	0	0.0	238657	0	0	0	0	0	0	0
Starboard	1	8	0	0	0	0	0.0	242517	0	0	0	0	0	0	0
Starboard	1	9	148	0	0	0	0.0	78971	0	0	148	0	0	0	0
Starboard	1	10	148	0	0	0	0.0	293089	0	0	148	0	0	0	0
Starboard	1	11	148	0	0	0	0.0	290884	0	0	148	0	0	0	0

## SOURCE STATISTICS

SOURCE	SHOTS	DELTA	VOL	AUTO	BAD
1	148	0	0	0	0.0
2	147	0	0	0	0.0

&gt; Q/C PARAMETERS

Spread Error Q/C : 2.0 /- msec Error Count Q/C : 3  
 Max Delta Error/Shot: 1 Total Volume Q/C: 90

Array Display Mode : TRACE                      Detail Disp Mode: DELTA  
Graphic Look Window :     5 /- msec            Print Interval :       1 shots  
Trace Start :       25 msec                   Trace Length :       50 msec  
Graphic Scale :       10 /- volts            Print Errors :       ON  
Auto Cursor Select :    YES  
Company:                   PGS Exploration    Vessel:                   Orient Explorer

## &gt; TIMING PARAMETERS

Peak Look Window :    5.0 /- msec            Peak Detection Method: PEAK  
Peak Threshold :     3.5 volts               Auto/Fire Threshold :    4.0 volts  
Ext Trigger Delay:    0.0 msec               Firing Cycle Time :     15 sec  
Fire Pulse Width :    40.0 msec               Tuning Average :       2  
Aimng Point :       50.0 msec               Scope Trigger :       10.0 msec  
Lead-In Length :      0 shots               S.P. Interval :       1.000

Min Cycle Time :    5.0 sec  
Depth Scan Delay :    5 sec                   Xducer Power Delay:     2.0 sec

## &gt; GUN PARAMETERS



# GCS90 Log Line NOV2003

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ARRAY	SUB	GUN	PORT	MODE	DELAY	OFFSET	VOLUME	GAIN	SOURCE	INVERT	FIX-GAIN
Port	6	1	81	AUTO	19.3	0.0	250	2.9	2	INVERT	1.0
Port	6	2	82	AUTO	18.1	0.0	250	1.4	2	INVERT	1.0
Port	6	3	83	AUTO	19.9	0.0	150	3.4	2	INVERT	1.0
Port	6	4	84	SPARE	18.2	0.0	150	2.0	2	INVERT	1.0
Port	6	5	85	SPARE	18.0	0.0	70	2.7	2	INVERT	1.0
Port	6	6	86	AUTO	11.3	0.0	40	2.5	2	INVERT	1.0
Port	6	7	87	AUTO	17.5	0.0	60	3.0	2	INVERT	1.0
Port	6	8	88	SPARE	16.6	0.0	100	2.7	2	INVERT	1.0
Port	6	9	89	AUTO	17.4	0.0	100	2.4	2	INVERT	1.0
Port	6	10	90	AUTO	16.5	0.0	100	3.5	2	INVERT	1.0
Port	6	11	91	AUTO	18.4	0.0	100	3.1	2	INVERT	1.0
Port	5	1	65	AUTO	17.5	0.0	150	2.6	2	INVERT	1.0
Port	5	2	66	AUTO	17.3	0.0	150	2.5	2	INVERT	1.0
Port	5	3	67	OFF	20.7	0.0	0	2.3	2	INVERT	1.0
Port	5	4	68	AUTO	18.6	0.0	60	3.7	2	INVERT	1.0
Port	5	5	69	AUTO	9.7	0.0	20	4.4	2	INVERT	1.0
Port	5	6	70	AUTO	9.5	0.0	40	5.6	2	INVERT	1.0
Port	5	7	76	OFF	10.0	0.0	0	1.0	2	NORMAL	1.0
Port	5	8	72	AUTO	16.3	0.0	70	3.6	2	INVERT	1.0
Port	5	9	73	OFF	20.0	0.0	0	3.8	2	INVERT	1.0
Port	5	10	74	SPARE	19.2	0.0	100	2.3	2	INVERT	1.0
Port	5	11	75	SPARE	16.9	0.0	100	4.4	2	INVERT	1.0
Port	4	1	49	AUTO	15.1	0.0	250	1.6	2	INVERT	1.0
Port	4	2	50	SPARE	16.5	0.0	250	2.4	2	INVERT	1.0
Port	4	3	51	AUTO	17.8	0.0	150	2.9	2	INVERT	1.0
Port	4	4	52	AUTO	16.7	0.0	150	2.9	2	INVERT	1.0
Port	4	5	53	AUTO	14.8	0.0	70	4.0	2	INVERT	1.0
Port	4	6	54	AUTO	8.3	0.0	40	5.1	2	INVERT	1.0
Port	4	7	55	SPARE	17.4	0.0	60	2.5	2	INVERT	1.0
Port	4	8	56	SPARE	16.7	0.0	100	2.3	2	INVERT	1.0
Port	4	9	57	AUTO	17.5	0.0	100	2.1	2	INVERT	1.0
Port	4	10	58	AUTO	20.1	0.0	100	2.8	2	INVERT	1.0
Port	4	11	59	AUTO	15.1	0.0	100	2.3	2	INVERT	1.0
Starboard	3	1	33	AUTO	19.3	0.0	250	2.5	1	INVERT	1.0
Starboard	3	2	34	AUTO	19.8	0.0	250	2.5	1	INVERT	1.0
Starboard	3	3	35	AUTO	20.5	0.0	150	3.1	1	INVERT	1.0
Starboard	3	4	36	SPARE	19.2	0.0	150	2.0	1	INVERT	1.0
Starboard	3	5	37	SPARE	18.6	0.0	70	2.7	1	INVERT	1.0
Starboard	3	6	38	AUTO	9.7	0.0	40	3.6	1	INVERT	1.0
Starboard	3	7	39	AUTO	17.5	0.0	60	4.4	1	INVERT	1.0
Starboard	3	8	40	SPARE	20.0	0.0	100	4.0	1	INVERT	1.0
Starboard	3	9	41	AUTO	17.6	0.0	100	3.5	1	INVERT	1.0
Starboard	3	10	42	AUTO	18.7	0.0	100	2.8	1	INVERT	1.0
Starboard	3	11	43	AUTO	18.4	0.0	100	3.1	1	INVERT	1.0
Starboard	2	1	17	AUTO	19.1	0.0	150	3.2	1	INVERT	1.0
Starboard	2	2	18	AUTO	16.8	0.0	150	3.0	1	INVERT	1.0
Starboard	2	3	19	OFF	16.6	0.0	0	2.0	1	INVERT	1.0
Starboard	2	4	20	OFF	20.0	0.0	0	2.0	1	INVERT	1.0
Starboard	2	5	21	AUTO	17.9	0.0	60	5.0	1	INVERT	1.0
Starboard	2	6	22	AUTO	10.1	0.0	20	5.8	1	INVERT	1.0
Starboard	2	7	23	AUTO	10.7	0.0	40	3.3	1	INVERT	1.0
Starboard	2	8	24	AUTO	18.7	0.0	70	4.0	1	INVERT	1.0
Starboard	2	9	25	OFF	20.0	0.0	0	2.0	1	INVERT	1.0
Starboard	2	10	26	SPARE	18.9	0.0	100	3.1	1	INVERT	1.0
Starboard	2	11	27	SPARE	17.7	0.0	100	2.9	1	INVERT	1.0
Starboard	1	1	1	AUTO	16.1	0.0	250	2.4	1	INVERT	1.0
Starboard	1	2	2	SPARE	15.9	0.0	250	2.1	1	INVERT	1.0
Starboard	1	3	3	AUTO	16.8	0.0	150	3.0	1	INVERT	1.0
Starboard	1	4	4	AUTO	19.3	0.0	150	2.4	1	INVERT	1.0
Starboard	1	5	5	AUTO	17.0	0.0	70	4.0	1	INVERT	1.0
Starboard	1	6	6	AUTO	9.8	0.0	40	4.0	1	INVERT	1.0
Starboard	1	7	7	SPARE	21.0	0.0	60	4.0	1	INVERT	1.0
Starboard	1	8	8	SPARE	18.7	0.0	100	2.5	1	INVERT	1.0
Starboard	1	9	9	AUTO	18.2	0.0	100	2.5	1	INVERT	1.0
Starboard	1	10	10	AUTO	20.9	0.0	100	2.0	1	INVERT	1.0
Starboard	1	11	11	AUTO	17.2	0.0	100	2.5	1	INVERT	1.0