

EMS/MARCON - ALARM LOG - SANDY GROUND (E863)

Time	Alarm State	Alarm Description	Alarm Type	Value	Alarm Check Value	Alarm Duration (Sec.)
1:02:26 PM	UNACK_ALM	PORT FUEL OIL DAY TANK LOW	DISCRETE	TRUE	TRUE	
1:02:42 PM	UNACK_RTN	PORT FUEL OIL DAY TANK LOW	DISCRETE	FALSE	TRUE	16
1:02:43 PM	ACK_RTN	PORT FUEL OIL DAY TANK LOW	DISCRETE	FALSE	TRUE	
3:08:24 PM	UNACK_ALM	NY PROP SYS CONTROL OIL BYPASS PRESSURE LOW	Lo	5.047305	7.3	
3:08:26 PM	UNACK_RTN	NY PROP SYS CONTROL OIL BYPASS PRESSURE LOW	Lo	16.54878	7.3	2
3:08:38 PM	ACK_RTN	NY PROP SYS CONTROL OIL BYPASS PRESSURE LOW	Lo	16.54878	7.3	
4:05:46 PM	UNACK_ALM	PORT FUEL OIL DAY TANK LOW	DISCRETE	TRUE	TRUE	
4:06:09 PM	ACK_ALM	PORT FUEL OIL DAY TANK LOW	DISCRETE	TRUE	TRUE	
4:08:41 PM	ACK_RTN	PORT FUEL OIL DAY TANK LOW	DISCRETE	FALSE	TRUE	175
4:10:36 PM	UNACK_ALM	PORT FUEL OIL DAY TANK LOW	DISCRETE	TRUE	TRUE	
4:10:55 PM	ACK_ALM	PORT FUEL OIL DAY TANK LOW	DISCRETE	TRUE	TRUE	
4:10:56 PM	ACK_RTN	PORT FUEL OIL DAY TANK LOW	DISCRETE	FALSE	TRUE	20
4:11:22 PM	UNACK_ALM	DISABLE PORT FUEL OIL DAY TANK ALARMS	DISCRETE	TRUE	TRUE	
4:11:22 PM	ACK_RTN	PORT FUEL OIL DAY TANK HIGH	DISCRETE	TRUE	TRUE	571731
4:11:33 PM	ACK_ALM	DISABLE PORT FUEL OIL DAY TANK ALARMS	DISCRETE	TRUE	TRUE	
4:12:21 PM	UNACK_ALM	STBD FUEL OIL DAY TANK LOW	DISCRETE	TRUE	TRUE	
4:12:31 PM	UNACK_RTN	STBD FUEL OIL DAY TANK LOW	DISCRETE	FALSE	TRUE	10
4:12:36 PM	ACK_RTN	STBD FUEL OIL DAY TANK LOW	DISCRETE	FALSE	TRUE	
4:12:39 PM	UNACK_ALM	DISABLE STBD FUEL OIL DAY TANK ALARMS	DISCRETE	TRUE	TRUE	
4:12:40 PM	ACK_RTN	STBD FUEL OIL DAY TANK HIGH	DISCRETE	TRUE	TRUE	1114605
4:12:49 PM	ACK_ALM	DISABLE STBD FUEL OIL DAY TANK ALARMS	DISCRETE	TRUE	TRUE	
4:46:50 PM	UNACK_ALM	ME 1 UNACKNOWLEDED COMMON ENGINE ALARM	DISCRETE	TRUE	TRUE	
4:46:50 PM	UNACK_ALM	ME 1 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	TRUE	TRUE	
4:46:50 PM	UNACK_ALM	ME 2 UNACKNOWLEDED COMMON ENGINE ALARM	DISCRETE	TRUE	TRUE	
4:46:50 PM	UNACK_ALM	ME 2 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	TRUE	TRUE	
4:46:51 PM	UNACK_ALM	ME 3 UNACKNOWLEDED COMMON ENGINE ALARM	DISCRETE	TRUE	TRUE	
4:46:51 PM	UNACK_ALM	ME 3 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	TRUE	TRUE	
4:46:51 PM	UNACK_ALM	ME 4 UNACKNOWLEDED COMMON ENGINE ALARM	DISCRETE	TRUE	TRUE	
4:46:51 PM	UNACK_ALM	ME 4 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	TRUE	TRUE	
4:46:52 PM	UNACK_ALM	ME 1 FUEL OIL PRESSURE LOW	Lo	17	50	
4:46:52 PM	UNACK_ALM	ME 4 COMMON ENGINE ALARM	DISCRETE	FALSE	FALSE	
4:46:52 PM	UNACK_ALM	ME 2 FUEL OIL PRESSURE LOW	Lo	3	50	
4:46:53 PM	UNACK_ALM	ME 3 FUEL OIL PRESSURE LOW	Lo	5	50	
4:46:53 PM	UNACK_ALM	ME 4 FUEL OIL PRESSURE LOW	Lo	3	50	
4:47:02 PM	UNACK_ALM	ME 4 FUEL OIL PRESSURE LOW	DISCRETE	TRUE	TRUE	
4:47:06 PM	UNACK_ALM	ME 2 CHECK ENGINE	DISCRETE	TRUE	TRUE	
4:47:06 PM	UNACK_ALM	ME 2 FUEL OIL PRESSURE LOW	DISCRETE	TRUE	TRUE	
4:47:06 PM	UNACK_ALM	ME 2 STOP ENGINE	DISCRETE	TRUE	TRUE	
4:47:07 PM	UNACK_ALM	ME 3 FUEL OIL PRESSURE LOW	DISCRETE	TRUE	TRUE	
4:47:07 PM	UNACK_ALM	ME 1 FUEL OIL PRESSURE LOW	DISCRETE	TRUE	TRUE	
4:47:07 PM	ACK_ALM	ME 1 UNACKNOWLEDED COMMON ENGINE ALARM	DISCRETE	TRUE	TRUE	
4:47:07 PM	ACK_ALM	ME 1 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	TRUE	TRUE	
4:47:07 PM	ACK_ALM	ME 1 FUEL OIL PRESSURE LOW	Lo	17	50	
4:47:08 PM	UNACK_ALM	ME 3 CHECK ENGINE	DISCRETE	TRUE	TRUE	
4:47:08 PM	UNACK_ALM	ME 3 STOP ENGINE	DISCRETE	TRUE	TRUE	
4:47:08 PM	UNACK_ALM	ME 1 CHECK ENGINE	DISCRETE	TRUE	TRUE	
4:47:08 PM	UNACK_ALM	ME 1 STOP ENGINE	DISCRETE	TRUE	TRUE	
4:47:08 PM	UNACK_ALM	ME 4 CHECK ENGINE	DISCRETE	TRUE	TRUE	
4:47:08 PM	UNACK_ALM	ME 4 STOP ENGINE	DISCRETE	TRUE	TRUE	
4:47:18 PM	ACK_ALM	ME 1 CHECK ENGINE	DISCRETE	TRUE	TRUE	
4:47:18 PM	ACK_ALM	ME 1 FUEL OIL PRESSURE LOW	DISCRETE	TRUE	TRUE	
4:47:18 PM	ACK_ALM	ME 1 STOP ENGINE	DISCRETE	TRUE	TRUE	
4:48:07 PM	UNACK_ALM	FIRE SYSTEM ALARM	DISCRETE	FALSE	FALSE	
4:48:23 PM	ACK_ALM	FIRE SYSTEM ALARM	DISCRETE	FALSE	FALSE	
4:48:31 PM	ACK_RTN	ME 1 UNACKNOWLEDED COMMON ENGINE ALARM	DISCRETE	FALSE	TRUE	100
4:48:31 PM	ACK_RTN	ME 1 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	FALSE	TRUE	100
4:48:54 PM	UNACK_RTN	ME 3 UNACKNOWLEDED COMMON ENGINE ALARM	DISCRETE	FALSE	TRUE	123
4:48:54 PM	UNACK_RTN	ME 3 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	FALSE	TRUE	123
4:49:38 PM	UNACK_RTN	ME 2 UNACKNOWLEDED COMMON ENGINE ALARM	DISCRETE	FALSE	TRUE	168
4:49:38 PM	UNACK_RTN	ME 2 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	FALSE	TRUE	168
4:51:15 PM	ACK_ALM	ME 2 CHECK ENGINE	DISCRETE	TRUE	TRUE	

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Time	Alarm State	Alarm Description	Alarm Type	Value	Alarm Check Value	Alarm Duration (Sec.)
4:51:15 PM	ACK_ALM	ME 2 FUEL OIL PRESSURE LOW	Lo	3	50	
4:51:15 PM	ACK_ALM	ME 2 FUEL OIL PRESSURE LOW	DISCRETE	TRUE	TRUE	
4:51:15 PM	ACK_ALM	ME 2 STOP ENGINE	DISCRETE	TRUE	TRUE	
4:51:15 PM	ACK_RTN	ME 2 UNACKNOWLEDEDED COMMON ENGINE ALARM	DISCRETE	FALSE	TRUE	
4:51:15 PM	ACK_RTN	ME 2 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	FALSE	TRUE	
4:51:16 PM	UNACK_RTN	ME 4 UNACKNOWLEDEDED COMMON ENGINE ALARM	DISCRETE	FALSE	TRUE	265
4:51:16 PM	UNACK_RTN	ME 4 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	FALSE	TRUE	265
4:54:00 PM	UNACK_ALM	NY PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
4:54:00 PM	UNACK_ALM	NY PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
4:54:03 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
4:54:10 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
4:54:12 PM	UNACK_ALM	Fault Bus D IOC 02 And All IO	DISCRETE	TRUE	TRUE	
4:54:13 PM	UNACK_ALM	Fault Bus D IOC 01 And All IO	DISCRETE	TRUE	TRUE	
4:54:18 PM	UNACK_ALM	ME 2 UNACKNOWLEDEDED COMMON ENGINE ALARM	DISCRETE	TRUE	TRUE	
4:54:20 PM	UNACK_ALM	ME 2 EXHAUST TEMP HIGH	DISCRETE	TRUE	TRUE	
4:54:21 PM	UNACK_ALM	Fault Bus B IOC 01 And All IO	DISCRETE	TRUE	TRUE	
4:54:22 PM	UNACK_ALM	Fault Bus B IOC 02 And All IO	DISCRETE	TRUE	TRUE	
4:54:23 PM	UNACK_ALM	ME 2 COOLANT TEMPERATURE ENGINE OUT HIGH	Hi	307	207	
4:54:23 PM	UNACK_ALM	ME 2 CYLINDER 01 TEMP HIGH	Hi	1431	1150	
4:54:24 PM	UNACK_ALM	FIRE SYSTEM FAULT	DISCRETE	FALSE	FALSE	
4:54:26 PM	UNACK_ALM	ME 2 COOLANT TEMPERATURE HIGH	DISCRETE	TRUE	TRUE	
4:54:28 PM	UNACK_ALM	ME 2 CYLINDER 07 TEMP HIGH	Hi	1335	1150	
4:54:36 PM	UNACK_ALM	ME 1 COMMON ENGINE SHUTDOWN	DISCRETE	FALSE	FALSE	
4:54:39 PM	ACK_RTN	ME 1 CHECK ENGINE	DISCRETE	FALSE	TRUE	451
4:54:39 PM	ACK_RTN	ME 1 STOP ENGINE	DISCRETE	FALSE	TRUE	451
4:54:39 PM	UNACK_ALM	ME 1 AIRBOX PRESSURE LOW	Lo	0	1	
4:54:39 PM	UNACK_ALM	ME 1 UNACKNOWLEDEDED COMMON ENGINE ALARM	DISCRETE	TRUE	TRUE	
4:54:39 PM	UNACK_ALM	ME 1 COOLANT PRESSURE LOW	Lo	0	5	
4:54:39 PM	UNACK_ALM	ME 1 LUBE OIL PRESSURE LOW	Lo	0	18	
4:54:39 PM	UNACK_ALM	ME 1 SOAKBACK PRESSURE LOW	Lo	0	2	
4:54:39 PM	UNACK_ALM	ME 1 TURBO LUBE OIL PRESSURE LOW	Lo	0	10	
4:54:40 PM	UNACK_RTN	ME 2 CYLINDER 01 TEMP HIGH	Hi	1123	1150	17
4:54:42 PM	ACK_RTN	ME 1 FUEL OIL PRESSURE LOW	DISCRETE	FALSE	TRUE	455
4:54:48 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	38
4:54:49 PM	UNACK_ALM	ME 4 COMMON ENGINE SHUTDOWN	DISCRETE	FALSE	FALSE	
4:54:49 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
4:54:50 PM	UNACK_ALM	ME 4 UNACKNOWLEDEDED COMMON ENGINE ALARM	DISCRETE	TRUE	TRUE	
4:54:52 PM	UNACK_ALM	ME 2 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	TRUE	TRUE	
4:54:52 PM	UNACK_RTN	ME 2 CYLINDER 07 TEMP HIGH	Hi	951	1150	24
4:54:53 PM	UNACK_ALM	ME 2 CRANKCASE PRESS HIGH	DISCRETE	TRUE	TRUE	
4:54:54 PM	UNACK_ALM	ME 4 AIRBOX PRESSURE LOW	Lo	0	1	
4:54:54 PM	UNACK_ALM	ME 4 COOLANT PRESSURE LOW	Lo	0	5	
4:54:54 PM	UNACK_ALM	ME 4 LUBE OIL PRESSURE LOW	Lo	0	18	
4:54:54 PM	UNACK_ALM	ME 4 SOAKBACK PRESSURE LOW	Lo	0	2	
4:54:54 PM	UNACK_ALM	ME 4 TURBO LUBE OIL PRESSURE LOW	Lo	0	10	
4:54:54 PM	UNACK_RTN	ME 4 CHECK ENGINE	DISCRETE	FALSE	TRUE	466
4:54:54 PM	UNACK_RTN	ME 4 STOP ENGINE	DISCRETE	FALSE	TRUE	466
4:54:54 PM	UNACK_ALM	ME 2 COMMON ENGINE SHUTDOWN	DISCRETE	FALSE	FALSE	
4:54:57 PM	UNACK_RTN	ME 4 FUEL OIL PRESSURE LOW	DISCRETE	FALSE	TRUE	475
4:54:58 PM	UNACK_ALM	ME 3 UNACKNOWLEDEDED COMMON ENGINE ALARM	DISCRETE	TRUE	TRUE	
4:54:58 PM	UNACK_ALM	ME 3 COMMON ENGINE SHUTDOWN	DISCRETE	FALSE	FALSE	
4:54:59 PM	ACK_RTN	ME 2 CHECK ENGINE	DISCRETE	FALSE	TRUE	473
4:54:59 PM	ACK_RTN	ME 2 STOP ENGINE	DISCRETE	FALSE	TRUE	473
4:54:59 PM	UNACK_ALM	ME 2 AIRBOX PRESSURE LOW	Lo	0	1	
4:54:59 PM	UNACK_ALM	ME 2 COOLANT PRESSURE LOW	Lo	0	5	
4:54:59 PM	UNACK_ALM	ME 2 LUBE OIL PRESSURE LOW	Lo	0	42	
4:54:59 PM	UNACK_ALM	ME 2 SOAKBACK PRESSURE LOW	Lo	0	2	
4:54:59 PM	UNACK_ALM	ME 2 TURBO LUBE OIL PRESSURE LOW	Lo	0	10	
4:54:59 PM	UNACK_RTN	ME 2 COOLANT TEMPERATURE ENGINE OUT HIGH	Hi	-40	207	36
4:55:00 PM	UNACK_ALM	COUPLING 4 QUICK DRAINAGE LOW	Lo	0	20	
4:55:00 PM	UNACK_ALM	ME 2 CYLINDER 08 TEMP HIGH	Hi	1177	1150	

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Time	Alarm State	Alarm Description	Alarm Type	Value	Alarm Check Value	Alarm Duration (Sec.)
4:55:01 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	12
4:55:01 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	58
4:55:02 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
4:55:02 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
4:55:02 PM	ACK_RTN	ME 2 FUEL OIL PRESSURE LOW	DISCRETE	FALSE	TRUE	476
4:55:03 PM	UNACK_ALM	ME 3 AIRBOX PRESSURE LOW	Lo	0	1	
4:55:03 PM	UNACK_ALM	ME 3 COOLANT PRESSURE LOW	Lo	0	5	
4:55:03 PM	UNACK_ALM	ME 3 LUBE OIL PRESSURE LOW	Lo	0	18	
4:55:03 PM	UNACK_ALM	ME 3 SOAKBACK PRESSURE LOW	Lo	0	2	
4:55:03 PM	UNACK_ALM	ME 3 TURBO LUBE OIL PRESSURE LOW	Lo	0	10	
4:55:03 PM	UNACK_RTN	ME 3 CHECK ENGINE	DISCRETE	FALSE	TRUE	475
4:55:03 PM	UNACK_RTN	ME 3 STOP ENGINE	DISCRETE	FALSE	TRUE	475
4:55:03 PM	UNACK_ALM	COUPLING 4 CONTROL OIL PRESSURE LOW	Lo	1.1458	2.7	
4:55:04 PM	UNACK_RTN	ME 2 CYLINDER 08 TEMP HIGH	Hi	941	1150	4
4:55:05 PM	UNACK_ALM	SI PROP SYS STANDBY LO PUMP PRESSURE LOW	DISCRETE	FALSE	FALSE	
4:55:05 PM	UNACK_ALM	ME 2 SEA WATER PUMP PRESSURE LOW	Lo	3	5	
4:55:06 PM	UNACK_RTN	ME 3 FUEL OIL PRESSURE LOW	DISCRETE	FALSE	TRUE	479
4:55:06 PM	UNACK_ALM	COUPLING 3 QUICK DRAINAGE LOW	Lo	0	20	
4:55:06 PM	UNACK_RTN	SI PROP SYS STANDBY LO PUMP PRESSURE LOW	DISCRETE	TRUE	FALSE	1
4:55:07 PM	UNACK_ALM	ME 1 SEA WATER PUMP PRESSURE LOW	Lo	2	5	
4:55:08 PM	UNACK_ALM	COUPLING 3 CONTROL OIL PRESSURE LOW	Lo	0.4206102	2.7	
4:55:08 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	6
4:55:10 PM	UNACK_ALM	ME 3 SEA WATER PUMP PRESSURE LOW	Lo	2	5	
4:55:10 PM	UNACK_ALM	ME 4 SEA WATER PUMP PRESSURE LOW	Lo	2	5	
4:55:10 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
4:55:12 PM	UNACK_RTN	COUPLING 4 CONTROL OIL PRESSURE LOW	Lo	3.770988	2.7	9
4:55:17 PM	ACK_ALM	ME 3 AIRBOX PRESSURE LOW	Lo	0	1	
4:55:17 PM	ACK_ALM	ME 3 COMMON ENGINE SHUTDOWN	DISCRETE	FALSE	FALSE	
4:55:17 PM	ACK_ALM	ME 3 UNACKNOWLEDED COMMON ENGINE ALARM	DISCRETE	TRUE	TRUE	
4:55:17 PM	ACK_ALM	ME 3 COOLANT PRESSURE LOW	Lo	0	5	
4:55:17 PM	ACK_ALM	ME 3 FUEL OIL PRESSURE LOW	Lo	5	50	
4:55:17 PM	ACK_ALM	ME 3 LUBE OIL PRESSURE LOW	Lo	0	18	
4:55:17 PM	ACK_ALM	ME 3 SEA WATER PUMP PRESSURE LOW	Lo	2	5	
4:55:17 PM	ACK_ALM	ME 3 SOAKBACK PRESSURE LOW	Lo	0	2	
4:55:17 PM	ACK_ALM	ME 3 TURBO LUBE OIL PRESSURE LOW	Lo	0	10	
4:55:17 PM	ACK_RTN	ME 3 CHECK ENGINE	DISCRETE	FALSE	TRUE	
4:55:17 PM	ACK_RTN	ME 3 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	FALSE	TRUE	
4:55:17 PM	ACK_RTN	ME 3 FUEL OIL PRESSURE LOW	DISCRETE	FALSE	TRUE	
4:55:17 PM	ACK_RTN	ME 3 STOP ENGINE	DISCRETE	FALSE	TRUE	
4:55:18 PM	UNACK_ALM	COUPLING 4 CONTROL OIL PRESSURE LOW	Lo	1.015266	2.7	
4:55:18 PM	UNACK_RTN	COUPLING 3 CONTROL OIL PRESSURE LOW	Lo	3.393889	2.7	10
4:55:20 PM	UNACK_ALM	Fault Bus C IOC 01 And All IO	DISCRETE	TRUE	TRUE	
4:55:25 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	15
4:55:26 PM	UNACK_ALM	COUPLING 3 CONTROL OIL PRESSURE LOW	Lo	0.5656482	2.7	
4:55:26 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
4:55:39 PM	UNACK_ALM	CB01 POT BREAKER OFF	DISCRETE	FALSE	FALSE	
4:55:43 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	17
4:55:43 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	41
4:55:44 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
4:55:44 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
4:55:45 PM	ACK_ALM	CB01 POT BREAKER OFF	DISCRETE	FALSE	FALSE	
4:56:20 PM	UNACK_ALM	Fault Bus C IOC 02 And All IO	DISCRETE	TRUE	TRUE	
4:56:21 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	37
4:56:22 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
4:56:34 PM	UNACK_ALM	CB19 EMS VT BREAKER OFF	DISCRETE	FALSE	FALSE	
4:56:44 PM	ACK_ALM	CB19 EMS VT BREAKER OFF	DISCRETE	FALSE	FALSE	
4:56:56 PM	UNACK_ALM	ME 2 BEARING 04 TEMP HIGH	Hi	640	270	
4:56:56 PM	UNACK_ALM	ME 2 BRNG 04 PRE SHUTDOWN	HiHi	640	285	
4:57:03 PM	UNACK_ALM	ME 2 BEARING 06 TEMP HIGH	Hi	302	270	
4:57:06 PM	UNACK_ALM	ME 2 BRNG 06 PRE SHUTDOWN	HiHi	341	285	
4:57:08 PM	ACK_ALM	ME 2 AIRBOX PRESSURE LOW	Lo	0	1	

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Time	Alarm State	Alarm Description	Alarm Type	Value	Alarm Check Value	Alarm Duration (Sec.)
4:57:08 PM	ACK_ALM	ME 2 BEARING 04 TEMP HIGH	Hi	640	270	
4:57:08 PM	ACK_ALM	ME 2 BRNG 04 PRE SHUTDOWN	HiHi	640	285	
4:57:08 PM	ACK_ALM	ME 2 BEARING 06 TEMP HIGH	Hi	302	270	
4:57:08 PM	ACK_ALM	ME 2 BRNG 06 PRE SHUTDOWN	HiHi	341	285	
4:57:08 PM	ACK_ALM	ME 2 COMMON ENGINE SHUTDOWN	DISCRETE	FALSE	FALSE	
4:57:08 PM	ACK_ALM	ME 2 UNACKNOWLEDEED COMMON ENGINE ALARM	DISCRETE	TRUE	TRUE	
4:57:08 PM	ACK_ALM	ME 2 COOLANT PRESSURE LOW	Lo	0	5	
4:57:08 PM	ACK_ALM	ME 2 COOLANT TEMPERATURE HIGH	DISCRETE	TRUE	TRUE	
4:57:08 PM	ACK_ALM	ME 2 CRANKCASE PRESS HIGH	DISCRETE	TRUE	TRUE	
4:57:08 PM	ACK_RTN	ME 2 COOLANT TEMPERATURE ENGINE OUT HIGH	Hi	-40	207	
4:57:08 PM	ACK_RTN	ME 2 CYLINDER 01 TEMP HIGH	Hi	1123	1150	
4:57:08 PM	ACK_RTN	ME 2 CYLINDER 07 TEMP HIGH	Hi	951	1150	
4:57:08 PM	ACK_ALM	ME 2 EXHAUST TEMP HIGH	DISCRETE	TRUE	TRUE	
4:57:08 PM	ACK_ALM	ME 2 FO FILTER DIFFERENTIAL PRESSURE HIGH	DISCRETE	TRUE	TRUE	
4:57:08 PM	ACK_ALM	ME 2 LUBE OIL PRESSURE LOW	Lo	0	42	
4:57:08 PM	ACK_ALM	ME 2 SEA WATER PUMP PRESSURE LOW	Lo	3	5	
4:57:08 PM	ACK_ALM	ME 2 SOAKBACK PRESSURE LOW	Lo	0	2	
4:57:08 PM	ACK_ALM	ME 2 TURBO LUBE OIL PRESSURE LOW	Lo	0	10	
4:57:08 PM	ACK_RTN	ME 2 CYLINDER 08 TEMP HIGH	Hi	941	1150	
4:57:10 PM	ACK_RTN	ME 2 BEARING 04 TEMP HIGH	Hi	188	270	14
4:57:10 PM	ACK_RTN	ME 2 BRNG 04 PRE SHUTDOWN	HiHi	188	285	14
4:57:19 PM	UNACK_ALM	ME 2 BEARING TEMP AVERAGE HIGH	Hi	282	270	
4:57:31 PM	UNACK_ALM	ME 2 BEARING 03 TEMP HIGH	Hi	1035	270	
4:57:31 PM	UNACK_ALM	ME 2 BRNG 03 PRE SHUTDOWN	HiHi	1035	285	
4:57:31 PM	UNACK_ALM	ME 2 BEARING 07 TEMP HIGH	Hi	336	270	
4:57:31 PM	UNACK_ALM	ME 2 BRNG 07 PRE SHUTDOWN	HiHi	336	285	
4:57:40 PM	UNACK_ALM	ME 2 BEARING 04 TEMP HIGH	Hi	365	270	
4:57:40 PM	UNACK_ALM	ME 2 BRNG 04 PRE SHUTDOWN	HiHi	365	285	
4:57:43 PM	UNACK_RTN	ME 2 BEARING 03 TEMP HIGH	Hi	262	270	12
4:57:43 PM	UNACK_RTN	ME 2 BRNG 03 PRE SHUTDOWN	HiHi	262	285	12
4:57:50 PM	UNACK_ALM	MAIN ENG 4 UPS FAILURE	DISCRETE	FALSE	FALSE	
4:58:02 PM	UNACK_ALM	ME 2 BEARING 02 TEMP HIGH	Hi	320	270	
4:58:02 PM	UNACK_ALM	ME 2 BRNG 02 PRE SHUTDOWN	HiHi	320	285	
4:58:04 PM	UNACK_RTN	ME 2 BEARING 02 TEMP HIGH	Hi	247	270	2
4:58:04 PM	UNACK_RTN	ME 2 BRNG 02 PRE SHUTDOWN	HiHi	247	285	2
4:58:12 PM	ACK_ALM	MAIN ENG 4 UPS FAILURE	DISCRETE	FALSE	FALSE	
4:58:16 PM	UNACK_ALM	PORT FUEL OIL STORAGE TANK LOW	DISCRETE	TRUE	TRUE	
4:58:16 PM	UNACK_ALM	ME 2 BEARING 02 TEMP HIGH	Hi	301	270	
4:58:16 PM	UNACK_ALM	ME 2 BRNG 02 PRE SHUTDOWN	HiHi	301	285	
4:58:16 PM	UNACK_ALM	ME 2 BEARING 05 TEMP HIGH	Hi	345	270	
4:58:16 PM	UNACK_ALM	ME 2 BRNG 05 PRE SHUTDOWN	HiHi	345	285	
4:58:17 PM	UNACK_RTN	ME 2 BEARING 02 TEMP HIGH	Hi	194	270	1
4:58:17 PM	UNACK_RTN	ME 2 BRNG 02 PRE SHUTDOWN	HiHi	194	285	1
4:58:18 PM	UNACK_RTN	COUPLING 3 CONTROL OIL PRESSURE LOW	Lo	5.961062	2.7	172
4:58:18 PM	UNACK_RTN	COUPLING 3 QUICK DRAINAGE LOW	Lo	24.25035	20	192
4:58:18 PM	UNACK_RTN	COUPLING 4 CONTROL OIL PRESSURE LOW	Lo	6.294649	2.7	180
4:58:18 PM	UNACK_RTN	COUPLING 4 QUICK DRAINAGE LOW	Lo	24.33738	20	198
4:58:19 PM	UNACK_ALM	COUPLING 3 QUICK DRAINAGE LOW	Lo	0	20	
4:58:19 PM	UNACK_ALM	GEN 2 GENERATOR MALFUNCTION	DISCRETE	FALSE	FALSE	
4:58:20 PM	UNACK_ALM	COUPLING 4 CONTROL OIL PRESSURE LOW	Lo	0.5511444	2.7	
4:58:21 PM	UNACK_ALM	COUPLING 3 CONTROL OIL PRESSURE LOW	Lo	0.2465646	2.7	
4:58:21 PM	UNACK_ALM	COUPLING 3 LUBE OIL PRESSURE LOW	Lo	0.3770988	9	
4:58:21 PM	UNACK_ALM	COUPLING 4 LUBE OIL PRESSURE LOW	Lo	0.3190836	9	
4:58:21 PM	UNACK_ALM	COUPLING 4 QUICK DRAINAGE LOW	Lo	0.4206102	20	
4:58:22 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	120
4:58:24 PM	UNACK_ALM	SI PROP SYS LUBE OIL PRESSURE LOW	Lo	0	6	
4:58:25 PM	UNACK_ALM	SI PROP SYS CONTROL OIL BYPASS PRESSURE LOW	Lo	0	7.3	
4:58:25 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
4:58:26 PM	UNACK_ALM	SI PROP SYS CONTROL OIL PRESSURE LOW	Lo	18.85491	435	
4:58:30 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	5
4:58:31 PM	ACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	

EMS/MARCON - ALARM LOG - SANDY GROUND (E863)

Time	Alarm State	Alarm Description	Alarm Type	Value	Alarm Check Value	Alarm Duration (Sec.)
4:58:31 PM	ACK_ALM	SI PROP SYS LUBE OIL PRESSURE LOW	Lo	0	6	
4:58:31 PM	ACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	
4:58:31 PM	ACK_RTN	SI PROP SYS STANDBY LO PUMP PRESSURE LOW	DISCRETE	TRUE	FALSE	
4:58:31 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
4:58:38 PM	UNACK_ALM	ME 2 BEARING 02 TEMP HIGH	Hi	300	270	
4:58:39 PM	UNACK_ALM	ME 2 BRNG 02 PRE SHUTDOWN	HiHi	300	285	
4:58:40 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	9
4:58:44 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
4:58:46 PM	UNACK_ALM	ME 3 CONTROLLER HEARTBEAT FAILURE	DISCRETE	TRUE	TRUE	
4:58:52 PM	UNACK_ALM	ME 2 BEARING 01 TEMP HIGH	Hi	393	270	
4:58:54 PM	UNACK_ALM	ME 2 BRNG 01 PRE SHUTDOWN	HiHi	557	285	
4:59:01 PM	UNACK_ALM	ME 2 BEARING 03 TEMP HIGH	Hi	436	270	
4:59:01 PM	UNACK_ALM	ME 2 BRNG 03 PRE SHUTDOWN	HiHi	436	285	
4:59:06 PM	UNACK_RTN	ME 2 BEARING 03 TEMP HIGH	Hi	226	270	5
4:59:06 PM	UNACK_RTN	ME 2 BRNG 03 PRE SHUTDOWN	HiHi	226	285	5
4:59:09 PM	UNACK_RTN	ME 2 BRNG 02 PRE SHUTDOWN	HiHi	285	285	30
4:59:13 PM	UNACK_ALM	ME 2 BEARING 03 TEMP HIGH	Hi	529	270	
4:59:13 PM	UNACK_ALM	ME 2 BRNG 03 PRE SHUTDOWN	HiHi	529	285	
4:59:15 PM	UNACK_RTN	ME 2 BEARING 02 TEMP HIGH	Hi	267	270	37
4:59:19 PM	ACK_ALM	ME 3 CONTROLLER HEARTBEAT FAILURE	DISCRETE	TRUE	TRUE	
4:59:20 PM	UNACK_ALM	E GEN GENERATOR MALFUNCTION	DISCRETE	FALSE	FALSE	
4:59:23 PM	UNACK_ALM	MONITORING SYS EMRG DC PWR SUPPLY FAIL	DISCRETE	FALSE	FALSE	
4:59:26 PM	UNACK_ALM	24DC 3 UPS FAILURE	DISCRETE	FALSE	FALSE	
4:59:26 PM	UNACK_ALM	24DC 4 UPS FAILURE	DISCRETE	FALSE	FALSE	
4:59:36 PM	UNACK_ALM	ME 2 BEARING 02 TEMP HIGH	Hi	364	270	
4:59:37 PM	UNACK_ALM	ME 2 BRNG 02 PRE SHUTDOWN	HiHi	416	285	
4:59:50 PM	ACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	246
4:59:50 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	66
4:59:51 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
4:59:51 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
5:00:22 PM	ACK_RTN	ME 3 CONTROLLER HEARTBEAT FAILURE	DISCRETE	FALSE	TRUE	96
5:01:15 PM	UNACK_RTN	ME 2 BEARING 07 TEMP HIGH	Hi	187	270	224
5:01:15 PM	UNACK_RTN	ME 2 BRNG 07 PRE SHUTDOWN	HiHi	187	285	224
5:01:39 PM	UNACK_ALM	ME 2 BEARING 07 TEMP HIGH	Hi	461	270	
5:01:39 PM	UNACK_ALM	ME 2 BRNG 07 PRE SHUTDOWN	HiHi	461	285	
5:01:43 PM	UNACK_RTN	ME 2 BRNG 07 PRE SHUTDOWN	HiHi	277	285	4
5:01:44 PM	UNACK_RTN	ME 2 BEARING 07 TEMP HIGH	Hi	227	270	5
5:01:48 PM	UNACK_ALM	ME 2 BEARING 07 TEMP HIGH	Hi	321	270	
5:01:48 PM	UNACK_ALM	ME 2 BRNG 07 PRE SHUTDOWN	HiHi	321	285	
5:01:50 PM	UNACK_RTN	ME 2 BEARING 07 TEMP HIGH	Hi	227	270	2
5:01:50 PM	UNACK_RTN	ME 2 BRNG 07 PRE SHUTDOWN	HiHi	227	285	2
5:01:57 PM	UNACK_ALM	ME 2 BEARING 07 TEMP HIGH	Hi	863	270	
5:01:57 PM	UNACK_ALM	ME 2 BRNG 07 PRE SHUTDOWN	HiHi	863	285	
5:04:04 PM	UNACK_RTN	ME 2 BEARING 05 TEMP HIGH	Hi	263	270	348
5:04:04 PM	UNACK_RTN	ME 2 BRNG 05 PRE SHUTDOWN	HiHi	263	285	348
5:04:07 PM	UNACK_ALM	ME 2 BEARING 05 TEMP HIGH	Hi	282	270	
5:04:10 PM	UNACK_ALM	ME 2 BRNG 05 PRE SHUTDOWN	HiHi	341	285	
5:04:15 PM	UNACK_RTN	ME 2 BEARING 05 TEMP HIGH	Hi	262	270	8
5:04:15 PM	UNACK_RTN	ME 2 BRNG 05 PRE SHUTDOWN	HiHi	262	285	5
5:04:18 PM	UNACK_ALM	ME 2 BEARING 05 TEMP HIGH	Hi	293	270	
5:04:18 PM	UNACK_RTN	ME 2 BRNG 04 PRE SHUTDOWN	HiHi	277	285	398
5:04:19 PM	UNACK_ALM	ME 2 BRNG 05 PRE SHUTDOWN	HiHi	295	285	
5:04:27 PM	UNACK_ALM	ME 2 BRNG 04 PRE SHUTDOWN	HiHi	306	285	
5:04:28 PM	UNACK_RTN	ME 2 BEARING 04 TEMP HIGH	Hi	270	270	408
5:04:28 PM	UNACK_RTN	ME 2 BRNG 04 PRE SHUTDOWN	HiHi	270	285	1
5:04:30 PM	UNACK_RTN	ME 2 BRNG 05 PRE SHUTDOWN	HiHi	278	285	11
5:04:34 PM	UNACK_ALM	ME 2 BEARING 04 TEMP HIGH	Hi	368	270	
5:04:34 PM	UNACK_ALM	ME 2 BRNG 04 PRE SHUTDOWN	HiHi	368	285	
5:04:34 PM	UNACK_ALM	ME 2 BRNG 05 PRE SHUTDOWN	HiHi	309	285	
5:04:38 PM	UNACK_ALM	GEN 1 FREQ LOW	Lo	57.45	58	
5:04:39 PM	UNACK_RTN	ME 2 BEARING 04 TEMP HIGH	Hi	246	270	5

EMS/MARCON - ALARM LOG - SANDY GROUND (E863)

Time	Alarm State	Alarm Description	Alarm Type	Value	Alarm Check Value	Alarm Duration (Sec.)
5:04:39 PM	UNACK_RTN	ME 2 BRNG 04 PRE SHUTDOWN	HiHi	246	285	5
5:04:48 PM	UNACK_ALM	ME 2 BEARING 04 TEMP HIGH	Hi	311	270	
5:04:49 PM	UNACK_RTN	ME 2 BEARING 04 TEMP HIGH	Hi	225	270	1
5:04:49 PM	UNACK_ALM	GEN 1 BREAKER TRIPPED (REV POWER UV)	DISCRETE	TRUE	TRUE	
5:04:49 PM	UNACK_RTN	GEN 1 FREQ LOW	Lo	58.75	58	11
5:04:50 PM	UNACK_ALM	ELEVATOR SI FAULT	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	ENGINE ROOM POWER FAILURE	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	E GEN BATTERY CHARGER 1 FAILURE	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	E GEN BATTERY CHARGER 2 FAILURE	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	MONITORING SYS MAIN DC PWR SUPPLY FAIL	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	MONITORING SYSTEM ON EMER POWER	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	NY PROP SYS PH SI 120VAC POWER SUPPLY 1 FAILURE	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	SI AUXILIARY MACHINERY CLOSED	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	SI AUXILIARY MACHINERY POWER FAILURE	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 1 FAULT	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	SI PROP SYS PH SI 120VAC POWER SUPPLY 1 FAILURE	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	SI PROPULSION ROOM CLOSED	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	SI PROPULSION ROOM POWER FAILURE	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_ALM	FIRE SYSTEM POWER FAILURE	DISCRETE	FALSE	FALSE	
5:04:50 PM	UNACK_RTN	ME 2 BRNG 05 PRE SHUTDOWN	HiHi	284	285	16
5:04:50 PM	UNACK_ALM	SWBD BUS A VOLTAGE PHASE 1-2 LOW	Lo	0	400	
5:04:50 PM	UNACK_ALM	SWBD BUS A VOLTAGE PHASE 1-3 LOW	Lo	0	400	
5:04:50 PM	UNACK_ALM	SWBD BUS A VOLTAGE PHASE 2-3 LOW	Lo	0	400	
5:04:50 PM	UNACK_ALM	SWBD BUS B VOLTAGE PHASE 1-2 LOW	Lo	0	400	
5:04:50 PM	UNACK_ALM	SWBD BUS B VOLTAGE PHASE 1-3 LOW	Lo	0	400	
5:04:50 PM	UNACK_ALM	SWBD BUS B VOLTAGE PHASE 2-3 LOW	Lo	0	400	
5:04:51 PM	UNACK_ALM	24DC 5 UPS FAILURE	DISCRETE	FALSE	FALSE	
5:04:51 PM	UNACK_ALM	MAIN ENG 3 UPS FAILURE	DISCRETE	FALSE	FALSE	
5:04:51 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	300
5:04:51 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	300
5:04:52 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
5:04:52 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
5:04:54 PM	UNACK_ALM	SI AUX SEA WATER SYSTEM PRESSURE LOW	Lo	2.598199	20	
5:04:55 PM	UNACK_ALM	SI COMB GEAR LUBE OIL PRESSURE LOW	DISCRETE	FALSE	FALSE	
5:04:58 PM	UNACK_ALM	GEN 2 START AIR PRESSURE LOW	Lo	73.04463	90	
5:04:58 PM	UNACK_ALM	SI COMB GEAR LUBE OIL PRESSURE LOW	Lo	5.169469	15	
5:05:00 PM	UNACK_RTN	GEN 2 START AIR PRESSURE LOW	Lo	125.9226	90	2
5:05:00 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	8
5:05:00 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	8
5:05:00 PM	UNACK_ALM	ME 2 BEARING 04 TEMP HIGH	Hi	274	270	
5:05:00 PM	UNACK_RTN	ME 2 BEARING 05 TEMP HIGH	Hi	269	270	42
5:05:02 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
5:05:02 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
5:05:02 PM	UNACK_RTN	ME 2 BEARING 04 TEMP HIGH	Hi	211	270	2
5:05:03 PM	UNACK_ALM	ME 2 BEARING 05 TEMP HIGH	Hi	271	270	
5:05:08 PM	UNACK_RTN	ME 2 BEARING 05 TEMP HIGH	Hi	269	270	5
5:05:12 PM	UNACK_ALM	ME 2 BEARING 05 TEMP HIGH	Hi	273	270	
5:05:12 PM	UNACK_ALM	GEN 2 BREAKER TRIPPED (REV POWER UV)	DISCRETE	TRUE	TRUE	
5:05:12 PM	UNACK_ALM	GEN 2 FREQUENCY LOW	DISCRETE	TRUE	TRUE	
5:05:14 PM	UNACK_RTN	GEN 2 COOLANT PRESS LOW	Lo	1.740453	3	50242
5:05:14 PM	UNACK_RTN	GEN 2 P1-2 VOLTAGE LOW	Lo	239	442	50241
5:05:14 PM	UNACK_RTN	GEN 2 P2-3 VOLTAGE LOW	Lo	238	442	50240
5:05:14 PM	UNACK_RTN	GEN 2 P3-1 VOLTAGE LOW	Lo	239	442	50240
5:05:14 PM	UNACK_RTN	ME 2 BEARING 05 TEMP HIGH	Hi	270	270	2
5:05:15 PM	UNACK_RTN	GEN 2 FREQ LOW	Lo	37.43	58	50243
5:05:16 PM	UNACK_ALM	ME 2 BEARING 05 TEMP HIGH	Hi	271	270	
5:05:18 PM	UNACK_ALM	ME 2 BEARING 04 TEMP HIGH	Hi	277	270	
5:05:19 PM	UNACK_RTN	ME 2 BEARING 04 TEMP HIGH	Hi	240	270	1
5:05:19 PM	UNACK_RTN	ME 2 BEARING 05 TEMP HIGH	Hi	266	270	3
5:07:56 PM	UNACK_RTN	ME 2 BRNG 03 PRE SHUTDOWN	HiHi	284	285	523
5:08:01 PM	ACK_RTN	ME 2 BRNG 06 PRE SHUTDOWN	HiHi	285	285	655

EMS/MARCON - ALARM LOG - SANDY GROUND (E863)

Time	Alarm State	Alarm Description	Alarm Type	Value	Alarm Check Value	Alarm Duration (Sec.)
5:08:05 PM	UNACK_ALM	ME 2 BRNG 06 PRE SHUTDOWN	HiHi	316	285	
5:08:15 PM	UNACK_RTN	ME 2 BEARING TEMP AVERAGE HIGH	Hi	270	270	656
5:08:21 PM	UNACK_RTN	ME 2 BEARING 03 TEMP HIGH	Hi	269	270	548
5:08:29 PM	UNACK_RTN	ME 2 BRNG 07 PRE SHUTDOWN	HiHi	285	285	392
5:08:32 PM	UNACK_ALM	GEN 3 GENERATOR MALFUNCTION	DISCRETE	FALSE	FALSE	
5:08:32 PM	UNACK_RTN	ME 2 BRNG 01 PRE SHUTDOWN	HiHi	285	285	578
5:08:40 PM	ACK_RTN	ME 2 BEARING 06 TEMP HIGH	Hi	258	270	697
5:08:40 PM	UNACK_RTN	ME 2 BRNG 06 PRE SHUTDOWN	HiHi	258	285	35
5:08:44 PM	UNACK_RTN	ME 2 BEARING 07 TEMP HIGH	Hi	267	270	407
5:08:45 PM	UNACK_RTN	ME 2 BEARING 01 TEMP HIGH	Hi	268	270	593
5:08:53 PM	UNACK_RTN	ME 2 BRNG 02 PRE SHUTDOWN	HiHi	285	285	556
5:09:10 PM	UNACK_RTN	ME 2 BEARING 02 TEMP HIGH	Hi	270	270	574
5:19:33 PM	UNACK_ALM	POTABLE WATER POTABLE WATER SYSTEM PRESSURE LOW	Lo	29.67349	30	
5:23:41 PM	UNACK_ALM	ENGINEER FAILED TO RESPOND TO DEADMAN WARNING	DISCRETE	TRUE	TRUE	
5:25:36 PM	UNACK_ALM	EMER GEN CLEAN AGENT RELEASE	DISCRETE	FALSE	FALSE	
5:27:15 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	1333
5:27:16 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
6:04:51 PM	UNACK_RTN	FIRE SYSTEM POWER FAILURE	DISCRETE	TRUE	FALSE	3601
7:02:57 PM	ACK_ALM	ENGINEER FAILED TO RESPOND TO DEADMAN WARNING	DISCRETE	TRUE	TRUE	
7:02:57 PM	ACK_ALM	ELEVATOR SI FAULT	DISCRETE	FALSE	FALSE	
7:02:57 PM	ACK_ALM	POTABLE WATER POTABLE WATER SYSTEM PRESSURE LOW	Lo	29.67349	30	
7:03:09 PM	ACK_RTN	ENGINEER FAILED TO RESPOND TO DEADMAN WARNING	DISCRETE	FALSE	TRUE	5969
7:30:15 PM	UNACK_ALM	ENGINEER FAILED TO RESPOND TO DEADMAN WARNING	DISCRETE	TRUE	TRUE	
7:32:34 PM	UNACK_RTN	EMER GEN CLEAN AGENT RELEASE	DISCRETE	TRUE	FALSE	7618
7:35:24 PM	UNACK_ALM	E GEN BATTERY 2 VOLTAGE LOW	DISCRETE	FALSE	FALSE	
7:36:33 PM	UNACK_RTN	E GEN BATTERY 2 VOLTAGE LOW	DISCRETE	TRUE	FALSE	69
8:05:40 PM	ACK_ALM	E GEN BATTERY CHARGER 1 FAILURE	DISCRETE	FALSE	FALSE	
8:05:40 PM	ACK_ALM	E GEN BATTERY CHARGER 2 FAILURE	DISCRETE	FALSE	FALSE	
8:05:40 PM	ACK_ALM	E GEN GENERATOR MALFUNCTION	DISCRETE	FALSE	FALSE	
8:05:40 PM	ACK_RTN	E GEN BATTERY 2 VOLTAGE LOW	DISCRETE	TRUE	FALSE	
8:13:49 PM	UNACK_ALM	ME 3 CONTROLLER HEARTBEAT FAILURE	DISCRETE	TRUE	TRUE	
8:13:50 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	9994
8:13:50 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	11328
8:13:52 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
8:13:52 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
8:14:10 PM	UNACK_ALM	START AIR PRESSURE LOW	Lo	99.68198	100	
8:28:58 PM	UNACK_ALM	HORN AIR PRESSURE LOW	Lo	99.70502	100	
8:52:41 PM	UNACK_ALM	HORN AIR PRESSURE LOW	DISCRETE	FALSE	FALSE	
9:01:36 PM	UNACK_ALM	GEN 2 START AIR PRESSURE LOW	DISCRETE	TRUE	TRUE	
9:04:11 PM	UNACK_ALM	GEN 1 START AIR PRESSURE LOW	Lo	89.95603	90	
9:04:17 PM	UNACK_ALM	GEN 1 START AIR PRESSURE LOW	DISCRETE	TRUE	TRUE	
9:04:36 PM	UNACK_ALM	GEN 2 START AIR PRESSURE LOW	Lo	89.35775	90	
9:05:14 PM	UNACK_ALM	GEN 3 START AIR PRESSURE LOW	DISCRETE	TRUE	TRUE	
9:08:55 PM	ACK_ALM	GEN 3 GENERATOR MALFUNCTION	DISCRETE	FALSE	FALSE	
9:08:55 PM	ACK_ALM	GEN 3 START AIR PRESSURE LOW	DISCRETE	TRUE	TRUE	
9:09:07 PM	UNACK_ALM	GEN 3 START AIR PRESSURE LOW	Lo	89.17819	90	
9:26:07 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	4335
9:26:08 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:27:01 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	53
9:27:03 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:27:44 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	41
9:27:45 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:28:27 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	42
9:28:28 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:29:13 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	45
9:29:14 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:30:02 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	48
9:30:03 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:30:53 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	50
9:30:54 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:31:43 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	49

EMS/MARCON - ALARM LOG - SANDY GROUND (E863)

Time	Alarm State	Alarm Description	Alarm Type	Value	Alarm Check Value	Alarm Duration (Sec.)
9:31:44 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:32:35 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	51
9:32:36 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:33:29 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	53
9:33:30 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:34:22 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	52
9:34:23 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:35:13 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	50
9:35:14 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:36:51 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	97
9:36:52 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:37:39 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	47
9:37:41 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:38:29 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	48
9:38:30 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:39:14 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	44
9:39:15 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:40:43 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	88
9:40:46 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:41:26 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	40
9:41:27 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:41:59 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	32
9:42:00 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:42:28 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	28
9:42:29 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:42:56 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	27
9:42:57 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:43:26 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	29
9:43:27 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:43:56 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	29
9:43:57 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:44:27 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	30
9:44:28 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:44:58 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	30
9:45:00 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:45:28 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	28
9:45:29 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:46:09 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	40
9:46:11 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:46:58 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	47
9:46:59 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:47:41 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	42
9:47:42 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:48:48 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	66
9:48:49 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:50:04 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	75
9:50:05 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:51:18 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	73
9:51:19 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
9:52:44 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	85
9:52:45 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
10:29:49 PM	UNACK_ALM	ME 4 START AIR PRESSURE LOW	DISCRETE	TRUE	TRUE	
10:29:57 PM	UNACK_ALM	ME 1 START AIR PRESSURE LOW	DISCRETE	TRUE	TRUE	
10:31:27 PM	UNACK_ALM	ME 2 START AIR PRESSURE LOW	DISCRETE	TRUE	TRUE	
10:38:09 PM	UNACK_ALM	ME 2 START AIR PRESSURE LOW	Lo	74	75	
10:43:42 PM	UNACK_ALM	ME 4 START AIR PRESSURE LOW	Lo	73	75	
10:43:48 PM	UNACK_ALM	ME 1 START AIR PRESSURE LOW	Lo	73	75	
11:24:08 PM	UNACK_ALM	ME START AIR PRESSURE LOW	DISCRETE	FALSE	FALSE	
11:56:01 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	13329
11:56:01 PM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	7396
11:56:02 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	

EMS/MARCON - ALARM LOG - SANDY GROUND (E863)

Time	Alarm State	Alarm Description	Alarm Type	Value	Alarm Check Value	Alarm Duration (Sec.)
11:56:02 PM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
12:13:37 AM	UNACK_ALM	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	FALSE	FALSE	
12:14:23 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	1100
12:14:24 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
12:14:24 AM	UNACK_RTN	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	TRUE	FALSE	47
12:14:24 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	1101
12:14:26 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
12:14:31 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	7
12:14:32 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
12:14:33 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	7
12:14:34 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
12:14:36 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:14:36 AM	UNACK_ALM	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	FALSE	FALSE	
12:14:39 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	3
12:15:21 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	49
12:15:22 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
12:15:22 AM	UNACK_RTN	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	TRUE	FALSE	46
12:15:22 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	48
12:15:23 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
12:15:29 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	TRUE	FALSE	7
12:15:30 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 2	DISCRETE	FALSE	FALSE	
12:15:30 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	7
12:15:31 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
12:15:37 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:15:37 AM	UNACK_ALM	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	FALSE	FALSE	
12:15:42 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	5
12:16:24 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	53
12:16:25 AM	UNACK_RTN	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	TRUE	FALSE	48
12:16:26 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
12:16:33 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	7
12:16:34 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:16:34 AM	UNACK_ALM	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	FALSE	FALSE	
12:16:34 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
12:16:40 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	6
12:17:22 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	48
12:17:23 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
12:17:23 AM	UNACK_RTN	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	TRUE	FALSE	49
12:17:25 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:17:25 AM	UNACK_ALM	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	FALSE	FALSE	
12:17:31 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	6
12:18:14 AM	UNACK_RTN	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	TRUE	FALSE	49
12:18:17 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	54
12:18:18 AM	UNACK_ALM	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	FALSE	FALSE	
12:18:18 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:18:18 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
12:18:25 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	7
12:19:07 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:19:17 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	10
12:19:59 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:20:11 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	12
12:20:53 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:21:07 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	14
12:21:49 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:22:12 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	23
12:22:55 AM	UNACK_RTN	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	TRUE	FALSE	277
12:22:56 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	278
12:22:57 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
12:23:03 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:23:03 AM	UNACK_ALM	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	FALSE	FALSE	
12:23:38 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	35
12:24:21 AM	UNACK_RTN	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	TRUE	FALSE	78

EMS/MARCON - ALARM LOG - SANDY GROUND (E863)

Time	Alarm State	Alarm Description	Alarm Type	Value	Alarm Check Value	Alarm Duration (Sec.)
12:24:24 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:24:24 AM	UNACK_ALM	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	FALSE	FALSE	
12:25:13 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	49
12:25:57 AM	UNACK_RTN	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	TRUE	FALSE	93
12:25:58 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:25:58 AM	UNACK_ALM	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	FALSE	FALSE	
12:27:09 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	71
12:27:52 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:29:45 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	113
12:30:27 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	450
12:30:28 AM	UNACK_RTN	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	TRUE	FALSE	270
12:30:29 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
12:30:30 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:30:30 AM	UNACK_ALM	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	FALSE	FALSE	
12:31:57 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	87
12:32:40 AM	UNACK_RTN	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	TRUE	FALSE	130
12:32:41 AM	UNACK_RTN	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	TRUE	FALSE	132
12:32:42 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:32:42 AM	UNACK_ALM	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	FALSE	FALSE	
12:32:42 AM	UNACK_ALM	SI PROP SYS COMMON ALARM SYSTEM 1	DISCRETE	FALSE	FALSE	
12:35:32 AM	UNACK_RTN	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	TRUE	FALSE	170
12:36:15 AM	UNACK_RTN	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	TRUE	FALSE	213
12:36:17 AM	UNACK_ALM	SI PROP SYS CONTROLLER POWER SUPPLY 2 FAULT	DISCRETE	FALSE	FALSE	
12:36:17 AM	UNACK_ALM	SI PROP SYS COMMON ALARM GATEWAY	DISCRETE	FALSE	FALSE	
12:58:44 AM	UNACK_ALM	MONITORING SYS MAIN DC PWR SUPPLY OUTPUT VOLTAGE LOW	DISCRETE	FALSE	FALSE	
2:15:34 AM	UNACK_ALM	SI PH UPS FAILURE	DISCRETE	FALSE	FALSE	
3:43:36 AM	UNACK_ALM	MONITORING SYS EMRG DC PWR SUPPLY OUTPUT VOLTAGE LOW	DISCRETE	FALSE	FALSE	
5:05:53 AM	UNACK_ALM	SHIP'S SERVICE AIR PRESSURE LOW	Lo	29.15869	30	
5:21:23 AM	UNACK_ALM	SHIP'S SERVICE AIR PRESSURE LOW ALARM	DISCRETE	FALSE	FALSE	
6:45:37 AM	ACK_ALM	SI AUX SEA WATER SYSTEM PRESSURE LOW	Lo	2.598199	20	
6:45:37 AM	ACK_ALM	HORN AIR PRESSURE LOW	Lo	99.70502	100	
6:45:37 AM	ACK_ALM	HORN AIR PRESSURE LOW	DISCRETE	FALSE	FALSE	
6:45:37 AM	ACK_ALM	ME START AIR PRESSURE LOW	DISCRETE	FALSE	FALSE	
6:45:37 AM	ACK_ALM	SHIP'S SERVICE AIR PRESSURE LOW	Lo	29.15869	30	
6:45:37 AM	ACK_ALM	SHIP'S SERVICE AIR PRESSURE LOW ALARM	DISCRETE	FALSE	FALSE	
6:45:37 AM	ACK_ALM	START AIR PRESSURE LOW	Lo	99.68198	100	