NTSB 32g

08-11-07	07:11:03.324	ML056	M/E NO.2 L.O FILTER DIFF PRESS	DPIAH	0.80	KG/CM2	HIGH	RETURN
08-11-07	07:11:04.414	ML055	M/E NO.1 L.O FILTER DIFF PRESS	DPIAH	0.80	KG/CM2	HIGH	RETURN
08-11-07	07:11:06.809	ML003	M/E PISTON C.L.O IN PRESS	PIAL	1.60	KG/CM2	LOW	RETURN
08-11-07	07:11:11.000	SD004	M/E CAMSHAFT L.O PRESS LOW	SHD			SHD-AL	RETURN
08-11-07	07:11:11.000	SD005	M/E T/C L.O PRESS LOW	SHD			SHD-AL	RETURN
08-11-07	07:11:12.190	MC006	M/E SAFETY SYS ABNORMAL	XA			ALARM	RETURN
08-11-07	07:11:12.000	SL008	M/E T/C L.O INLET PRESS LOW	SLD			SLD-AL	RETURN
08-11-07	07:11:12.000	SD001	M/E SHUT DOWN	SHD			ALARM	RETURN
08-11-07	07:11:12.000	SL001	M/E SLOW DOWN	SLD			ALARM	RETURN
08-11-07	07:11:17.093	ML081	M/E NO.1 T/C L.O INLET PRESS	PIAL	1.20	KG/CM2	LOW	RETURN
08-11-07	07:11:32.245	ML083	M/E NO.3 T/C L.O INLET PRESS	PIAL	1.20	KG/CM2	LOW	RETURN
08-11-07	07:11:38.121	ML082	M/E NO.2 T/C L.O INLET PRESS	PIAL	1.20	KG/CM2	LOW	RETURN
08-11-07	07:21:03.779	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.61	M	LOW	ALARM
08-11-07	07:21:47.163	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:22:38.462	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.62	M	LOW	ALARM
08-11-07	07:25:06.283	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:25:44.266	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.62	M	LOW	ALARM
08-11-07	07:26:31.722	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:27:03.502	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.61	M	LOW	ALARM
08-11-07	07:27:24.000	MC036	M/E CONTROL POSITION MISSING	XA			ALARM	RETURN
08-11-07	07:27:36.189	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:27:42.020	MC017	M/E CONTROL AIR PRESS	PIAL	5.12	KG/CM2	LOW	ALARM
08-11-07	07:27:42.023	MW013	M/E J.C.F.W COMMON OUT TEMP	TIAHL	53.2	DEG.C	LOW	ALARM
08-11-07	07:27:42.028	MW002	M/E JACKET C.F.W IN TEMP	TIAL	54.1	DEG.C	LOW	ALARM
08-11-07	07:27:47.316	MC017	M/E CONTROL AIR PRESS	PIAL	5.50	KG/CM2	LOW	RETURN
08-11-07	07:28:01.532	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.62	M	LOW	ALARM
08-11-07	07:28:28.890	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:29:57.747	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.62	M	LOW	ALARM
08-11-07	07:30:00.595	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:30:27.000	MC037	M/E NOT READY	XA			ALARM	RETURN
08-11-07	07:30:28.000	MC002	M/E START BLOCKED	XA			ALARM	RETURN
08-11-07	07:30:28.000	MC004	M/E REMOTE CONTROL SYS ABNORMAL	XA			ALARM	RETURN
08-11-07	07:31:16.263	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.62	M	LOW	ALARM
08-11-07	07:31:26.689	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:39:10.031	GA022	NO.1 G/E L.T WATER INLET TEMP	TIAH	45.1	DEG.C	HIGH	ALARM
08-11-07	07:39:11.231	GA022	NO.1 G/E L.T WATER INLET TEMP	TIAH	43.1	DEG.C	HIGH	RETURN
08-11-07	07:41:11.000	MC030	M/E SOLENOID VALVE LOOP FAIL	XA			ALARM	ALARM
08-11-07	07:41:12.000	MC030	M/E SOLENOID VALVE LOOP FAIL	XA			ALARM	RETURN
08-11-07	07:47:41.361	MW002	M/E JACKET C.F.W IN TEMP	TIAL	60.0	DEG.C	LOW	RETURN
08-11-07	07:47:43.469	MW002	M/E JACKET C.F.W IN TEMP	TIAL	59.9	DEG.C	LOW	ALARM
08-11-07	07:47:44.478	MW002	M/E JACKET C.F.W IN TEMP	TIAL	60.0	DEG.C	LOW	RETURN
08-11-07	07:50:36.936	MW013	M/E J.C.F.W COMMON OUT TEMP	TIAHL	60.0	DEG.C	LOW	RETURN
08-11-07	08:05:39.724	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.0	DEG.C	HIGH	RETURN
08-11-07	08:05:45.661	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.1	DEG.C	HIGH	ALARM
08-11-07	08:06:17.459	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.0	DEG.C	HIGH	RETURN

Date	Time	Tagname	Tag description	Func	Value	Eng.	Cond.	State
08-11-07	08:06:32.731	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.2	DEG.C	HIGH	ALARM
08-11-07	08:06:33.001	MF021	NO.3 HFO BUNKER TK(P) TEMP	TIAH	71.6	DEG.C	OFFSC	ALARM
08-11-07	08:06:48.415	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.0	DEG.C	HIGH	RETURN
08-11-07	08:07:34.620	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.1	DEG.C	HIGH	ALARM
08-11-07	08:07:35.909	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.0	DEG.C	HIGH	RETURN
08-11-07	08:08:31.681	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	61.8	DEG.C	OFFSC	ALARM
08-11-07	09:19:20.852	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-54.4	DEG.C	LOW	ALARM
08-11-07	09:19:20.852	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	83.1	DEG.C	HIGH	ALARM
08-11-07	09:19:20.852	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	61.5	DEG.C	HIGH	ALARM
08-11-07	09:19:30.488	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.3	DEG.C	LOW	ALARM
08-11-07	09:19:32.000	MC033	M/E SLOW DOWN CANCELLED	XA			ALARM	ALARM
08-11-07	09:19:31.786	MC006	M/E SAFETY SYS ABNORMAL	XA			ALARM	ALARM
08-11-07	09:19:37.456	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.7	DEG.C	LOW	ALARM
08-11-07	09:21:55.900	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:22:04.167	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:23:32.352	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
08-11-07	09:24:01.960	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:24:42.608	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.2	DEG.C	LOW	ALARM
08-11-07	09:24:44.887	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.2	DEG.C	HIGH	ALARM
08-11-07	09:24:46.516	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
08-11-07	09:24:48.626	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.1	DEG.C	HIGH	ALARM
08-11-07	09:24:51.135	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
08-11-07	09:24:53.884	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:25:31.733	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.2	DEG.C	LOW	ALARM
08-11-07	09:25:52.815	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.6	DEG.C	HIGH	ALARM
08-11-07	09:26:00.452	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.4	DEG.C	LOW	ALARM
08-11-07	09:26:10.921	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-52.1	DEG.C	LOW	ALARM
08-11-07	09:26:30.923	MA027	M/E NO.9 CYL EXH. GAS OUT TEMP	TIAHH	432.4	DEG.C	HIGH	ALARM
08-11-07	09:27:31.994	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:27:49.137	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
08-11-07	09:27:50.017	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:28:02.162	MA024	M/E NO.6 CYL EXH. GAS OUT TEMP	TIAHH	433.6	DEG.C	HIGH	ALARM
08-11-07	09:28:09.955	GC043	NO.3 G/E L.O SUMP TK L.L	LAL			ALARM	ALARM
08-11-07	09:28:59.944	GC043	NO.3 G/E L.O SUMP TK L.L	LAL			ALARM	RETURN
08-11-07	09:29:06.269	MA027	M/E NO.9 CYL EXH. GAS OUT TEMP	TIAHH	430.0	DEG.C	HIGH	RETURN
08-11-07	09:29:08.491	MA024	M/E NO.6 CYL EXH. GAS OUT TEMP	TIAHH	430.0	DEG.C	HIGH	RETURN
08-11-07	09:29:09.331	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
08-11-07	09:29:12.829	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:29:35.680	MA035	M/E NO.7 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.8	DEG.C	LOW	ALARM
08-11-07	09:32:05.791	MA035	M/E NO.7 CYL EXH. GAS DEV. TEMP	TDIAHL	-60.9	DEG.C	LOW	RETURN
08-11-07	09:35:19.361	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	ALARM
08-11-07	09:35:20.571	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	RETURN
08-11-07	09:36:18.271	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	ALARM
08-11-07	09:36:41.472	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	RETURN
08-11-07	09:37:11.155	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	ALARM
08-11-07	09:37:28.979	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	RETURN
08-11-07	09:37:58.167	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	ALARM
08-11-07	09:38:38.274	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	RETURN
08-11-07	09:45:59.211	MA024	M/E NO.6 CYL EXH. GAS OUT TEMP	TIAHH	663.6	DEG.C	IFH	ALARM
08-11-07	09:47:22.138	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-60.4	DEG.C	LOW	ALARM
08-11-07	09:47:22.138	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	83.5	DEG.C	HIGH	ALARM
08-11-07	09:47:22.138	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	52.5	DEG.C	HIGH	ALARM
08-11-07	09:47:26.255	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.2	DEG.C	LOW	ALARM
08-11-07	09:47:27.655	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.8	DEG.C	LOW	ALARM
08-11-07	09:47:59.263	MA024	M/E NO.6 CYL EXH. GAS OUT TEMP	TIAHH	582.5	DEG.C	IFH	RETURN
08-11-07	09:47:59.263	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	30.9	DEG.C	HIGH	RETURN
08-11-07	09:48:01.832	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	60.8	DEG.C	HIGH	ALARM
08-11-07	09:49:35.632	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
08-11-07	09:49:42.639	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:49:43.439	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:49:47.688	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
08-11-07	09:50:12.513	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:50:33.974	MA035	M/E NO.7 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.5	DEG.C	LOW	ALARM
08-11-07	09:51:00.775	MA033	M/E NO.5 CYL EXH. GAS DEV. TEMP	TDIAHL	-53.3	DEG.C	LOW	ALARM

ate	Time	Tagname	Tag description	Func	Value	Eng.	Cond.	State
8-11-07	09:51:02.374	MA035	M/E NO.7 CYL EXH. GAS DEV. TEMP	TDIAHL	-49.4	DEG.C	LOW	RETURN
8-11-07	09:51:21.661	MA033	M/E NO.5 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
9-11-07	10:01:43.884	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	ALARM
9-11-07	10:01:54.039	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	RETURN
9-11-07	10:02:49.662	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	ALARM
9-11-07	10:03:37.847	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	RETURN
9-11-07	10:28:45.616	MF015	HFO LOW SUL. SETTLING TK LEVEL	LIAHL	0.08	M	LOW	ALARM
9-11-07	10:31:08.888	MF015	HFO LOW SUL. SETTLING TK LEVEL	LIAHL	0.10	M	LOW	RETURN
9-11-07	10:31:53.855	MF009	HFO TRANS P/P DISCH. PRESS	PIAL	-0.01	KG/CM2	LOW	ALARM
9-11-07	10:39:17.255	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
9-11-07	10:39:19.484	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
9-11-07	10:39:24.750	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
9-11-07	10:39:40.292	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
9-11-07	10:39:48.376	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
9-11-07	10:39:49.706	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
9-11-07	10:40:05.927	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
9-11-07	10:40:08.475	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
9-11-07	10:40:15.340	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
9-11-07	10:40:19.792	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
9-11-07	10:40:36.181	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
-11-07	10:40:41.928	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
-11-07	10:40:47.373	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
-11-07	10:40:52.061	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
-11-07	10:40:57.617	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
-11-07	10:41:00.176	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
-11-07	11:17:32.630	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-63.6	DEG.C	LOW	ALARM
-11-07	11:17:32.630	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	64.4	DEG.C	HIGH	ALARM
-11-07	11:17:32.630	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	55.4	DEG.C	HIGH	ALARM
-11-07	11:18:54.681	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
-11-07	11:19:37.790	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
-11-07	11:21:28.885	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-52.2	DEG.C	LOW	ALARM
-11-07	11:21:31.934	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	51.5	DEG.C	HIGH	ALARM
-11-07	11:21:47.349	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-52.6	DEG.C	LOW	ALARM
-11-07	11:21:50.608	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.4	DEG.C	LOW	ALARM
-11-07	11:22:47.589	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
-11-07	11:23:24.718	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
-11-07	11:23:34.505	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
-11-07	11:25:05.165	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
-11-07	11:25:07.694	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
-11-07	11:36:08.170	AB005	BOILER ABNORMAL	XA			ALARM	ALARM
-11-07	11:36:57.557	AB005	BOILER ABNORMAL	XA			ALARM	RETURN
-11-07	11:36:58.296	AB001	BOILER TRIP	XA			ALARM	ALARM
-11-07	11:36:59.246	AB001	BOILER TRIP	XA			ALARM	RETURN
11-07	11:37:01.305	AB005	BOILER ABNORMAL	XA			ALARM	ALARM
11-07	11:37:02.095	AB005	BOILER ABNORMAL	XA			ALARM	RETURN
11-07	11:37:04.174	AB005	BOILER ABNORMAL	XA			ALARM	ALARM
11-07	11:37:07.643	AB005	BOILER ABNORMAL	XA			ALARM	RETURN
11-07	11:37:11.362	AB005	BOILER ABNORMAL	XA			ALARM	ALARM
11-07	11:38:11.324	AB002	BOILER DRUM STEAM PRESS	PIAHL	4.98	KG/CM2	LOW	ALARM
11-07	11:38:18.937	AB005	BOILER ABNORMAL	XA			ALARM	RETURN
11-07	11:38:22.785	AB005	BOILER ABNORMAL	XA			ALARM	ALARM
11-07	11:38:37.840	AB005	BOILER ABNORMAL	XA			ALARM	RETURN
1-07	11:38:39.910	AB005	BOILER ABNORMAL	XA			ALARM	ALARM
1-07	11:42:04.081	AB001	BOILER TRIP	XA			ALARM	ALARM
1-07	11:42:09.449	AB001	BOILER TRIP	XA			ALARM	RETURN
1-07	11:49:18.136	AB002	BOILER DRUM STEAM PRESS	PIAHL	5.00	KG/CM2	LOW	RETURN
1-07	11:52:19.362	AB011	BOILER FEED FILTER TK L.L	LAL			ALARM	ALARM
1-07	11:55:41.502	AB011	BOILER FEED FILTER TK L.L	LAL			ALARM	RETURN
1-07	12:02:26.193	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-64.6	DEG.C	LOW	ALARM
1-07	12:02:26.193	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-57.6	DEG.C	LOW	ALARM
1-07	12:02:26.193	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-87.2	DEG.C	LOW	ALARM
1-07	12:02:26.193	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	90.8	DEG.C	HIGH	ALARM
-07	12:02:26.193	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	64.4	DEG.C	HIGH	ALARM

Time	Tagname	Tag description	Func	Value	Eng.	Cond.	State
12:02:50.353	MA030	M/E NO.2 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
12:03:17.234	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
12:03:25.964	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
12:04:04.071	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
12:04:19.968	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
12:04:45.119	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.7	DEG.C	HIGH	ALARM
12:04:58.063	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
12:05:16.237	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
12:14:26.281	AB005	BOILER ABNORMAL	XA			ALARM	RETURN
12:18:15.318	MF009	HFO TRANS P/P DISCH. PRESS	PIAL	-0.05	KG/CM2	LOW	RETURN
12:22:30.978	MC021	M/E NO.2 AUX. BLOWER FAIL	XA			ALARM	ALARM
12:22:30.978	MC022	M/E NO.3 AUX. BLOWER FAIL	XA			ALARM	ALARM
12:22:33.408	MC022	M/E NO.3 AUX. BLOWER FAIL	XA			ALARM	RETURN
12:22:33.438	MC021	M/E NO.2 AUX. BLOWER FAIL	XA			ALARM	RETURN
12:24:44.000	MC036	M/E CONTROL POSITION MISSING	XA			ALARM	ALARM
12:24:44.000	MC004	M/E REMOTE CONTROL SYS ABNORMAL	XA			ALARM	ALARM
12:28:06.000	MC002	M/E START BLOCKED	XA			ALARM	ALARM
12:28:06.000	MC037	M/E NOT READY	XA			ALARM	ALARM
12:36:29.118	MF009	HFO TRANS P/P DISCH. PRESS	PIAL	-0.15	KG/CM2	LOW	ALARM

08-11-07	07:11:04.414	ML055	M/E NO.1 L.O FILTER DIFF PRESS	DPIAH	0.80	KG/CM2	HIGH	RETURN
08-11-07	07:11:06.809	ML003	M/E PISTON C.L.O IN PRESS	PIAL	1.60	KG/CM2	LOW	RETURN
08-11-07	07:11:11.000	SD004	M/E CAMSHAFT L.O PRESS LOW	SHD			SHD-AL	RETURN
08-11-07	07:11:11.000	SD005	M/E T/C L.O PRESS LOW	SHD			SHD-AL	RETURN
08-11-07	07:11:12.190	MC006	M/E SAFETY SYS ABNORMAL	XA			ALARM	RETURN
08-11-07	07:11:12.000	SL008	M/E T/C L.O INLET PRESS LOW	SLD			SLD-AL	RETURN
08-11-07	07:11:12.000	SD001	M/E SHUT DOWN	SHD			ALARM	RETURN
08-11-07	07:11:12.000	SL001	M/E SLOW DOWN	SLD			ALARM	RETURN
08-11-07	07:11:17.093	ML081	M/E NO.1 T/C L.O INLET PRESS	PIAL	1.20	KG/CM2	LOW	RETURN
08-11-07	07:11:32.245	ML083	M/E NO.3 T/C L.O INLET PRESS	PIAL	1.20	KG/CM2	LOW	RETURN
08-11-07	07:11:38.121	ML082	M/E NO.2 T/C L.O INLET PRESS	PIAL	1.20	KG/CM2	LOW	RETURN
08-11-07	07:21:03.779	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.61	M	LOW	ALARM
08-11-07	07:21:47.163	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:22:38.462	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.62	M	LOW	ALARM
08-11-07	07:25:06.283	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:25:44.266	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.62	M	LOW	ALARM
08-11-07	07:26:31.722	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:27:03.502	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.61	M	LOW	ALARM
08-11-07	07:27:24.000	MC036	M/E CONTROL POSITION MISSING	XA			ALARM	RETURN
08-11-07	07:27:36.189	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:27:42.020	MC017	M/E CONTROL AIR PRESS	PIAL	5.12	KG/CM2	LOW	ALARM
08-11-07	07:27:42.023	MW013	M/E J.C.F.W COMMON OUT TEMP	TIAHL	53.2	DEG.C	LOW	ALARM
08-11-07	07:27:42.028	MW002	M/E JACKET C.F.W IN TEMP	TIAL	54.1	DEG.C	LOW	ALARM
08-11-07	07:27:47.316	MC017	M/E CONTROL AIR PRESS	PIAL	5.50	KG/CM2	LOW	RETURN
08-11-07	07:28:01.532	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.62	M	LOW	ALARM
08-11-07	07:28:28.890	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:29:57.747	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.62	M	LOW	ALARM
08-11-07	07:30:00.595	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:30:27.000	MC037	M/E NOT READY	XA			ALARM	RETURN
08-11-07	07:30:28.000	MC002	M/E START BLOCKED	XA			ALARM	RETURN
08-11-07	07:30:28.000	MC004	M/E REMOTE CONTROL SYS ABNORMAL	XA			ALARM	RETURN
08-11-07	07:31:16.263	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.62	M	LOW	ALARM
08-11-07	07:31:26.689	ML058	MAIN L.O SUMP TK LEVEL	LIAHL	0.63	M	LOW	RETURN
08-11-07	07:39:10.031	GA022	NO.1 G/E L.T WATER INLET TEMP	TIAH	45.1	DEG.C	HIGH	ALARM
08-11-07	07:39:11.231	GA022	NO.1 G/E L.T WATER INLET TEMP	TIAH	43.1	DEG.C	HIGH	RETURN
08-11-07	07:41:11.000	MC030	M/E SOLENOID VALVE LOOP FAIL	XA			ALARM	ALARM
08-11-07	07:41:12.000	MC030	M/E SOLENOID VALVE LOOP FAIL	XA			ALARM	RETURN
08-11-07	07:47:41.361	MW002	M/E JACKET C.F.W IN TEMP	TIAL	60.0	DEG.C	LOW	RETURN
08-11-07	07:47:43.469	MW002	M/E JACKET C.F.W IN TEMP	TIAL	59.9	DEG.C	LOW	ALARM
08-11-07	07:47:44.478	MW002	M/E JACKET C.F.W IN TEMP	TIAL	60.0	DEG.C	LOW	RETURN
08-11-07	07:50:36.936	MW013	M/E J.C.F.W COMMON OUT TEMP	TIAHL	60.0	DEG.C	LOW	RETURN
08-11-07	08:05:39.724	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.0	DEG.C	HIGH	RETURN
08-11-07	08:05:45.661	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.1	DEG.C	HIGH	ALARM
08-11-07	08:06:17.459	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.0	DEG.C	HIGH	RETURN

* TIME & DATE IS ONE DAY & ONE HOUR AHEAD.

ARM LIST for HANJIN CAIRO KONGSBERG NORCONTROL AS DC C20

Date	Time	Tagname	Tag description	Func	Value	Eng.	Cond.	State
08-11-07	08:06:32.731	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.2	DEG.C	HIGH	ALARM
08-11-07	08:06:33.001	MF021	NO.3 HFO BUNKER TK(P) TEMP	TIAH	71.6	DEG.C	OFFSC	ALARM
08-11-07	08:06:48.415	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.0	DEG.C	HIGH	RETURN
08-11-07	08:07:34.620	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.1	DEG.C	HIGH	ALARM
08-11-07	08:07:35.909	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	62.0	DEG.C	HIGH	RETURN
08-11-07	08:08:31.681	MF023	NO.3 HFO BUNKER TK(S) TEMP	TIAH	61.8	DEG.C	OFFSC	ALARM
8-11-07	09:19:20.852	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-54.4	DEG.C	LOW	ALARM
8-11-07	09:19:20.852	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	83.1	DEG.C	HIGH	ALARM
8-11-07	09:19:20.852	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	61.5	DEG.C	HIGH	ALARM
8-11-07	09:19:30.488	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.3	DEG.C	LOW	ALARM
8-11-07	09:19:32.000	MC033	M/E SLOW DOWN CANCELLED	XA			ALARM	ALARM
8-11-07	09:19:31.786	MC006	M/E SAFETY SYS ABNORMAL	XA			ALARM	ALARM
8-11-07	09:19:37.456	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.7	DEG.C	LOW	ALARM
5-11-07	09:21:55.900	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
3-11-07	09:22:04.167	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
3-11-07	09:23:32.352	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
3-11-07	09:24:01.960	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN

,07	09:24:48.626	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.1	DEG.C	HIGH	ALARM
.1-07	09:24:51.135	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
.8-11-07	09:24:53.884	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:25:31.733	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.2	DEG.C	LOW	ALARM
08-11-07	09:25:52.815	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.6	DEG.C	HIGH	ALARM
08-11-07	09:26:00.452	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.4	DEG.C	LOW	ALARM
08-11-07	09:26:10.921	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-52.1	DEG.C	LOW	ALARM
08-11-07	09:26:30.923	MA027	M/E NO.9 CYL EXH. GAS OUT TEMP	TIAHH	432.4	DEG.C	HIGH	ALARM
08-11-07	09:27:31.994	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:27:49.137	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
08-11-07	09:27:50.017	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:28:02.162	MA024	M/E NO.6 CYL EXH. GAS OUT TEMP	TIAHH	433.6	DEG.C	HIGH	ALARM
08-11-07	09:28:09.955	GC043	NO.3 G/E L.O SUMP TK L.L	LAL			ALARM	ALARM
08-11-07	09:28:59.944	GC043	NO.3 G/E L.O SUMP TK L.L	LAL			ALARM	RETURN
08-11-07	09:29:06.269	MA027	M/E NO.9 CYL EXH. GAS OUT TEMP	TIAHH	430.0	DEG.C	HIGH	RETURN
08-11-07	09:29:08.491	MA024	M/E NO.6 CYL EXH. GAS OUT TEMP	TIAHH	430.0	DEG.C	HIGH	RETURN
08-11-07	09:29:09.331	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
08-11-07	09:29:12.829	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:29:35.680	MA035	M/E NO.7 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.8	DEG.C	LOW	ALARM
08-11-07	09:32:05.791	MA035	M/E NO.7 CYL EXH. GAS DEV. TEMP	TDIAHL	-60.9	DEG.C	LOW	RETURN
08-11-07	09:35:19.361	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	ALARM
08-11-07	09:35:20.571	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	RETURN
08-11-07	09:36:18.271	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	ALARM
08-11-07	09:36:41.472	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	RETURN
08-11-07	09:37:11.155	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	ALARM
08-11-07	09:37:28.979	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	RETURN
08-11-07	09:37:58.167	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	ALARM
08-11-07	09:38:38.274	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	RETURN
08-11-07	09:45:59.211	MA024	M/E NO.6 CYL EXH. GAS OUT TEMP	TIAHH	663.6	DEG.C	IFH	ALARM
08-11-07	09:47:22.138	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-60.4	DEG.C	LOW	ALARM
08-11-07	09:47:22.138	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	83.5	DEG.C	HIGH	ALARM
08-11-07	09:47:22.138	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	52.5	DEG.C	HIGH	ALARM
08-11-07	09:47:26.255	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.2	DEG.C	LOW	ALARM
08-11-07	09:47:27.655	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.8	DEG.C	LOW	ALARM
08-11-07	09:47:59.263	MA024	M/E NO.6 CYL EXH. GAS OUT TEMP	TIAHH	582.5	DEG.C	IFH	RETURN
08-11-07	09:47:59.263	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	30.9	DEG.C	HIGH	RETURN
08-11-07	09:48:01.832	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	60.8	DEG.C	HIGH	ALARM
08-11-07	09:49:35.632	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
08-11-07	09:49:42.639	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:49:43.439	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:49:47.688	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
08-11-07	09:50:12.513	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
08-11-07	09:50:33.974	MA035	M/E NO.7 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.5	DEG.C	LOW	ALARM
08-11-07	09:51:00.775	MA033	M/E NO.5 CYL EXH. GAS DEV. TEMP	TDIAHL	-53.3	DEG.C	LOW	ALARM

)ate	Time	Tagname	Tag description	Func	Value	Eng.	Cond.	State
)8-11-07	09:51:02.374	MA035	M/E NO.7 CYL EXH. GAS DEV. TEMP	TDIAHL	-49.4	DEG.C	LOW	RETURN
)8-11-07	09:51:21.661	MA033	M/E NO.5 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
)8-11-07	10:01:43.884	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	ALARM
)8-11-07	10:01:54.039	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	RETURN
)8-11-07	10:02:49.662	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	ALARM
)8-11-07	10:03:37.847	MF041	NO.2 HFO PURIFIER ABNORMAL	XA			ALARM	RETURN
)8-11-07	10:28:45.616	MF015	HFO LOW SUL. SETTLING TK LEVEL	LIAHL	0.08	M	LOW	ALARM
)8-11-07	10:31:08.888	MF015	HFO LOW SUL. SETTLING TK LEVEL	LIAHL	0.10	M	LOW	RETURN
8-11-07	10:31:53.855	MF009	HFO TRANS P/P DISCH. PRESS	PIAL	-0.01	KG/CM2	LOW	ALARM
8-11-07	10:39:17.255	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
8-11-07	10:39:19.484	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
8-11-07	10:39:24.750	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
8-11-07	10:39:40.292	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
8-11-07	10:39:48.376	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
8-11-07	10:39:49.706	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
9-11-07	10:40:05.927	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
9-11-07	10:40:08.475	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN

.	10:40:41.928	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
.-07	10:40:47.373	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
-11-07	10:40:52.061	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
-11-07	10:40:57.617	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.1	DEG.C	HIGH	ALARM
-11-07	10:41:00.176	MF037	D.B HFO BUNKER TK TEMP	TIAH	68.0	DEG.C	HIGH	RETURN
-11-07	11:17:32.630	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-63.6	DEG.C	LOW	ALARM
-11-07	11:17:32.630	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	64.4	DEG.C	HIGH	ALARM
-11-07	11:17:32.630	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	55.4	DEG.C	HIGH	ALARM
-11-07	11:18:54.681	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
-11-07	11:19:37.790	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
-11-07	11:21:28.885	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-52.2	DEG.C	LOW	ALARM
-11-07	11:21:31.934	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	51.5	DEG.C	HIGH	ALARM
-11-07	11:21:47.349	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-52.6	DEG.C	LOW	ALARM
-11-07	11:21:50.608	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.4	DEG.C	LOW	ALARM
-11-07	11:22:47.589	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
-11-07	11:23:24.718	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
9-11-07	11:23:34.505	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
9-11-07	11:23:05.165	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
9-11-07	11:23:07.694	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
9-11-07	11:36:08.170	AB005	BOILER ABNORMAL	XA			ALARM	ALARM
9-11-07	11:36:57.557	AB005	BOILER ABNORMAL	XA			ALARM	RETURN
9-11-07	11:36:58.296	AB001	BOILER TRIP	XA			ALARM	ALARM
9-11-07	11:36:59.246	AB001	BOILER TRIP	XA			ALARM	RETURN
9-11-07	11:37:01.305	AB005	BOILER ABNORMAL	XA			ALARM	ALARM
9-11-07	11:37:02.095	AB005	BOILER ABNORMAL	XA			ALARM	RETURN
9-11-07	11:37:04.174	AB005	BOILER ABNORMAL	XA			ALARM	ALARM
9-11-07	11:37:07.643	AB005	BOILER ABNORMAL	XA			ALARM	RETURN
9-11-07	11:37:11.362	AB005	BOILER ABNORMAL	XA			ALARM	ALARM
9-11-07	11:38:11.324	AB002	BOILER DRUM STEAM PRESS	PIAHL	4.98	KG/CM2	LOW	ALARM
9-11-07	11:38:18.937	AB005	BOILER ABNORMAL	XA			ALARM	RETURN
9-11-07	11:38:22.785	AB005	BOILER ABNORMAL	XA			ALARM	ALARM
9-11-07	11:38:37.840	AB005	BOILER ABNORMAL	XA			ALARM	RETURN
9-11-07	11:38:39.910	AB005	BOILER ABNORMAL	XA			ALARM	ALARM
9-11-07	11:42:04.081	AB001	BOILER TRIP	XA			ALARM	ALARM
9-11-07	11:42:09.449	AB001	BOILER TRIP	XA			ALARM	RETURN
9-11-07	11:49:18.136	AB002	BOILER DRUM STEAM PRESS	PIAHL	5.00	KG/CM2	LOW	RETURN
9-11-07	11:52:19.362	AB011	BOILER FEED FILTER TK L.L	LAL			ALARM	ALARM
9-11-07	11:55:41.502	AB011	BOILER FEED FILTER TK L.L	LAL			ALARM	RETURN
9-11-07	12:02:26.193	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-64.6	DEG.C	LOW	ALARM
9-11-07	12:02:26.193	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-57.6	DEG.C	LOW	ALARM
9-11-07	12:02:26.193	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-87.2	DEG.C	LOW	ALARM
9-11-07	12:02:26.193	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	90.8	DEG.C	HIGH	ALARM
9-11-07	12:02:28.193	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	64.4	DEG.C	HIGH	ALARM
9-11-07	12:02:28.163	MA030	M/E NO.2 CYL EXH. GAS DEV. TEMP	TDIAHL	-51.2	DEG.C	LOW	ALARM

ARM LIST for HANJIN CAIRO KONGSBERG NORCONTROL AS DC C20

ate	Time	Tagname	Tag description	Func	Value	Eng.	Cond.	State
-11-07	12:02:50.353	MA030	M/E NO.2 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
-11-07	12:03:17.234	MA031	M/E NO.3 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
-11-07	12:03:25.964	MA029	M/E NO.1 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
-11-07	12:04:04.071	MA032	M/E NO.4 CYL EXH. GAS DEV. TEMP	TDIAHL	-50.0	DEG.C	LOW	RETURN
-11-07	12:04:19.968	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
-11-07	12:04:45.119	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.7	DEG.C	HIGH	ALARM
-11-07	12:04:58.063	MA038	M/E NO.10 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
-11-07	12:05:16.237	MA037	M/E NO.9 CYL EXH. GAS DEV. TEMP	TDIAHL	50.0	DEG.C	HIGH	RETURN
-11-07	12:14:26.281	AB005	BOILER ABNORMAL	XA			ALARM	RETURN
-11-07	12:19:15.318	MF009	HFO TRANS P/P DISCH. PRESS	PIAL	-0.05	KG/CM2	LOW	RETURN
-11-07	12:22:30.978	MC021	M/E NO.2 AUX. BLOWER FAIL	XA			ALARM	ALARM
-11-07	12:22:30.978	MC022	M/E NO.3 AUX. BLOWER FAIL	XA			ALARM	ALARM
-11-07	12:22:33.408	MC022	M/E NO.3 AUX. BLOWER FAIL	XA			ALARM	RETURN
-11-07	12:22:33.438	MC021	M/E NO.2 AUX. BLOWER FAIL	XA			ALARM	RETURN
-11-07	12:24:44.000	MC036	M/E CONTROL POSITION MISSING	XA			ALARM	ALARM
-11-07	12:24:44.000	MC004	M/E REMOTE CONTROL SYS ABNORMAL	XA			ALARM	ALARM
-11-07	12:28:06.000	MC002	M/E START BLOCKED	XA			ALARM	ALARM