

Enbridge Line 6B release

Marshall, Michigan, July 25, 2010

DCA10MP007

Information Request 333 Line 6B console SCADA alarms and pipeline operator commands – July 25, 2010

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1	7/25/2010	7:00:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2	7/25/2010	7:00:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
3	7/25/2010	7:00:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
4	7/25/2010	7:01:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
5	7/25/2010	7:01:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
6	7/25/2010	7:01:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
7	7/25/2010	7:02:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
8	7/25/2010	7:02:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
9	7/25/2010	7:02:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
10	7/25/2010	7:03:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
11	7/25/2010	7:03:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
12	7/25/2010	7:03:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
13	7/25/2010	7:03:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
14	7/25/2010	7:04:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
15	7/25/2010	7:04:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
16	7/25/2010	7:04:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
17	7/25/2010	7:04:56 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
18	7/25/2010	7:05:19 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
19	7/25/2010	7:05:36 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
20	7/25/2010	7:05:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
21	7/25/2010	7:06:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
22	7/25/2010	7:06:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
23	7/25/2010	7:07:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
24	7/25/2010	7:07:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
25	7/25/2010	7:07:36 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
26	7/25/2010	7:07:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
27	7/25/2010	7:08:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
28	7/25/2010	7:08:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
29	7/25/2010	7:09:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
30	7/25/2010	7:09:23 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
31	7/25/2010	7:09:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
32	7/25/2010	7:10:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
33	7/25/2010	7:10:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
34	7/25/2010	7:10:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
35	7/25/2010	7:11:23 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
36	7/25/2010	7:11:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
37	7/25/2010	7:12:16 AM	S2	OPR S2 L6 Crystal Lake Unit U-1 is no longer Hot
38	7/25/2010	7:12:28 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
39	7/25/2010	7:12:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
40	7/25/2010	7:12:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
41	7/25/2010	7:13:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
42	7/25/2010	7:13:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
43	7/25/2010	7:13:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
44	7/25/2010	7:13:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
45	7/25/2010	7:14:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
46	7/25/2010	7:14:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

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JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
47	7/25/2010	7:14:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
48	7/25/2010	7:15:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
49	7/25/2010	7:15:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
50	7/25/2010	7:15:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
51	7/25/2010	7:16:04 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
52	7/25/2010	7:16:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
53	7/25/2010	7:16:36 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
54	7/25/2010	7:16:56 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
55	7/25/2010	7:17:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
56	7/25/2010	7:17:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
57	7/25/2010	7:17:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
58	7/25/2010	7:18:04 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
59	7/25/2010	7:18:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
60	7/25/2010	7:19:04 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
61	7/25/2010	7:19:19 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
62	7/25/2010	7:19:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
63	7/25/2010	7:19:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
64	7/25/2010	7:20:04 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
65	7/25/2010	7:21:04 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
66	7/25/2010	7:21:12 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
67	7/25/2010	7:21:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
68	7/25/2010	7:22:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
69	7/25/2010	7:22:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
70	7/25/2010	7:23:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
71	7/25/2010	7:24:28 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
72	7/25/2010	7:25:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
73	7/25/2010	7:25:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
74	7/25/2010	7:25:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
75	7/25/2010	7:26:12 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
76	7/25/2010	7:26:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
77	7/25/2010	7:27:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
78	7/25/2010	7:27:12 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
79	7/25/2010	7:27:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
80	7/25/2010	7:27:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
81	7/25/2010	7:28:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
82	7/25/2010	7:28:12 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
83	7/25/2010	7:28:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
84	7/25/2010	7:28:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
85	7/25/2010	7:29:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
86	7/25/2010	7:29:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
87	7/25/2010	7:29:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
88	7/25/2010	7:30:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
89	7/25/2010	7:30:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
90	7/25/2010	7:31:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
91	7/25/2010	7:31:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
92	7/25/2010	7:31:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



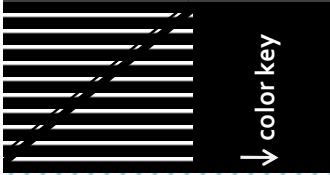
- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
93	7/25/2010	7:32:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
94	7/25/2010	7:32:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
95	7/25/2010	7:32:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
96	7/25/2010	7:33:01 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
97	7/25/2010	7:33:16 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
98	7/25/2010	7:33:46 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
99	7/25/2010	7:34:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
100	7/25/2010	7:34:16 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
101	7/25/2010	7:35:12 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
102	7/25/2010	7:35:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
103	7/25/2010	7:35:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
104	7/25/2010	7:36:16 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
105	7/25/2010	7:36:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
106	7/25/2010	7:36:42 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
107	7/25/2010	7:37:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
108	7/25/2010	7:37:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
109	7/25/2010	7:37:42 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
110	7/25/2010	7:37:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
111	7/25/2010	7:38:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
112	7/25/2010	7:38:46 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
113	7/25/2010	7:38:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
114	7/25/2010	7:39:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
115	7/25/2010	7:39:21 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
116	7/25/2010	7:39:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
117	7/25/2010	7:39:42 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
118	7/25/2010	7:39:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
119	7/25/2010	7:40:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
120	7/25/2010	7:40:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
121	7/25/2010	7:40:46 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
122	7/25/2010	7:41:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
123	7/25/2010	7:41:21 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
124	7/25/2010	7:41:42 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
125	7/25/2010	7:41:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
126	7/25/2010	7:42:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
127	7/25/2010	7:42:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
128	7/25/2010	7:43:01 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
129	7/25/2010	7:43:21 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
130	7/25/2010	7:43:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
131	7/25/2010	7:43:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
132	7/25/2010	7:44:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
133	7/25/2010	7:44:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
134	7/25/2010	7:44:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
135	7/25/2010	7:45:16 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
136	7/25/2010	7:46:21 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
137	7/25/2010	7:46:38 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
138	7/25/2010	7:46:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



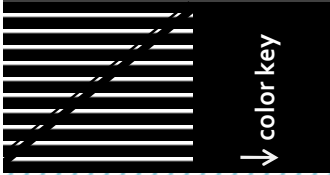
- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
139	7/25/2010	7:47:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
140	7/25/2010	7:47:38 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
141	7/25/2010	7:48:07 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
142	7/25/2010	7:48:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
143	7/25/2010	7:48:46 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
144	7/25/2010	7:49:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
145	7/25/2010	7:49:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
146	7/25/2010	7:49:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
147	7/25/2010	7:50:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
148	7/25/2010	7:50:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
149	7/25/2010	7:50:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
150	7/25/2010	7:50:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
151	7/25/2010	7:51:07 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
152	7/25/2010	7:51:47 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
153	7/25/2010	7:51:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
154	7/25/2010	7:52:07 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
155	7/25/2010	7:52:38 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
156	7/25/2010	7:52:52 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
157	7/25/2010	7:53:02 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
158	7/25/2010	7:53:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
159	7/25/2010	7:53:52 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
160	7/25/2010	7:54:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
161	7/25/2010	7:54:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
162	7/25/2010	7:54:45 AM	S4	OPR S4 L6 West Sarnia Holding Pressure returned to below Shutdown Limit
163	7/25/2010	7:54:45 AM	S7	OPR S7 L6 West Sarnia High Holding condition that Stopped Line returned to normal
164	7/25/2010	7:54:52 AM	S4	OPR S4 L6 West Sarnia Holding (227) Exceeds Shutdown Limit (226)
165	7/25/2010	7:54:52 AM	S6	OPR S6 L6 West Sarnia Rescanning station to confirm High Holding condition
166	7/25/2010	7:54:56 AM	S7	OPR S7 L6 West Sarnia High Holding Confirmed: Stopping Line from Stockbridge to Howell.
167	7/25/2010	7:54:56 AM	S7	OPR S7 L6 West Sarnia High Holding Confirmed: Stopping Line from Stockbridge to Howell.
168	7/25/2010	7:54:56 AM	S7	OPR S7 L6 West Sarnia High Holding Confirmed: Stopping Line from Stockbridge to Howell.
169	7/25/2010	7:54:56 AM		system : line 6: stop line from Stockbridge to Howell
170	7/25/2010	7:54:56 AM		system : line 6: stop line from Stockbridge to Howell
171	7/25/2010	7:55:02 AM	S7	OPR S7 L6 West Sarnia High Holding condition that Stopped Line returned to normal
172	7/25/2010	7:55:03 AM	S4	OPR S4 L6 West Sarnia Holding Pressure returned to below Shutdown Limit
173	7/25/2010	7:55:03 AM	S4	OPR S4 L6 West Sarnia Holding (227) Exceeds Shutdown Limit (226)
174	7/25/2010	7:55:16 AM	S6	OPR S6 L6 West Sarnia Rescanning station to confirm High Holding condition
175	7/25/2010	7:55:16 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
176	7/25/2010	7:55:17 AM	S4	OPR S4 L6 West Sarnia Holding Pressure returned to below Shutdown Limit
177	7/25/2010	7:55:19 AM	S7	OPR S7 L6 West Sarnia Unconfirmed High Holding condition returned to normal
178	7/25/2010	7:55:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
179	7/25/2010	7:55:47 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
180	7/25/2010	7:55:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
181	7/25/2010	7:55:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
182	7/25/2010	7:56:07 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
183	7/25/2010	7:56:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
184	7/25/2010	7:57:02 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
185	7/25/2010	7:57:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
186	7/25/2010	7:57:22 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
187	7/25/2010	7:57:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
188	7/25/2010	7:57:47 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
189	7/25/2010	7:58:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
190	7/25/2010	7:58:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
191	7/25/2010	7:58:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
192	7/25/2010	7:58:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
193	7/25/2010	7:59:22 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
194	7/25/2010	7:59:34 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
195	7/25/2010	7:59:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
196	7/25/2010	8:00:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
197	7/25/2010	8:00:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
198	7/25/2010	8:00:52 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
199	7/25/2010	8:01:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
200	7/25/2010	8:01:34 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
201	7/25/2010	8:01:47 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
202	7/25/2010	8:01:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
203	7/25/2010	8:02:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
204	7/25/2010	8:02:26 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
205	7/25/2010	8:02:47 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
206	7/25/2010	8:03:07 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
207	7/25/2010	8:03:47 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
208	7/25/2010	8:04:07 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
209	7/25/2010	8:04:22 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
210	7/25/2010	8:04:47 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
211	7/25/2010	8:05:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
212	7/25/2010	8:05:22 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
213	7/25/2010	8:05:39 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
214	7/25/2010	8:05:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
215	7/25/2010	8:06:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
216	7/25/2010	8:06:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
217	7/25/2010	8:06:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
218	7/25/2010	8:06:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
219	7/25/2010	8:07:22 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
220	7/25/2010	8:07:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
221	7/25/2010	8:08:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
222	7/25/2010	8:08:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
223	7/25/2010	8:08:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
224	7/25/2010	8:09:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
225	7/25/2010	8:09:39 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
226	7/25/2010	8:09:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
227	7/25/2010	8:10:23 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
228	7/25/2010	8:10:34 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
229	7/25/2010	8:11:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
230	7/25/2010	8:11:15 AM		console5: line 6: Delavan to Delavan: drive suction setpoint to pressure -20 psi
231	7/25/2010	8:11:23 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
232	7/25/2010	8:12:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
233	7/25/2010	8:12:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
234	7/25/2010	8:13:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
235	7/25/2010	8:13:34 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
236	7/25/2010	8:13:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
237	7/25/2010	8:15:18 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
238	7/25/2010	8:15:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
239	7/25/2010	8:15:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
240	7/25/2010	8:16:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
241	7/25/2010	8:16:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
242	7/25/2010	8:16:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
243	7/25/2010	8:17:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
244	7/25/2010	8:17:18 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
245	7/25/2010	8:17:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
246	7/25/2010	8:17:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
247	7/25/2010	8:18:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
248	7/25/2010	8:18:18 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
249	7/25/2010	8:18:39 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
250	7/25/2010	8:18:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
251	7/25/2010	8:19:18 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
252	7/25/2010	8:19:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
253	7/25/2010	8:19:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
254	7/25/2010	8:20:04 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
255	7/25/2010	8:20:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
256	7/25/2010	8:20:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
257	7/25/2010	8:21:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
258	7/25/2010	8:21:26 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
259	7/25/2010	8:22:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
260	7/25/2010	8:22:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
261	7/25/2010	8:22:23 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
262	7/25/2010	8:23:04 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
263	7/25/2010	8:23:27 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
264	7/25/2010	8:23:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
265	7/25/2010	8:23:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
266	7/25/2010	8:24:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
267	7/25/2010	8:24:27 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
268	7/25/2010	8:24:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
269	7/25/2010	8:25:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
270	7/25/2010	8:25:19 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
271	7/25/2010	8:25:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
272	7/25/2010	8:26:12 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
273	7/25/2010	8:26:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



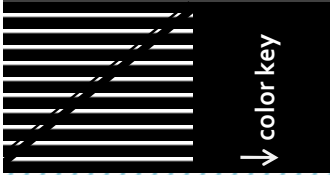
- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
274	7/25/2010	8:26:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
275	7/25/2010	8:26:54 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
276	7/25/2010	8:27:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
277	7/25/2010	8:27:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
278	7/25/2010	8:27:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
279	7/25/2010	8:27:54 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
280	7/25/2010	8:28:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
281	7/25/2010	8:28:19 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
282	7/25/2010	8:28:27 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
283	7/25/2010	8:28:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
284	7/25/2010	8:29:04 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
285	7/25/2010	8:29:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
286	7/25/2010	8:29:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
287	7/25/2010	8:30:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
288	7/25/2010	8:30:54 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
289	7/25/2010	8:31:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
290	7/25/2010	8:31:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
291	7/25/2010	8:31:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
292	7/25/2010	8:32:19 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
293	7/25/2010	8:32:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
294	7/25/2010	8:32:54 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
295	7/25/2010	8:33:19 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
296	7/25/2010	8:34:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
297	7/25/2010	8:34:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
298	7/25/2010	8:35:12 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
299	7/25/2010	8:35:27 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
300	7/25/2010	8:36:08 AM		console5: line 6: Delavan to Delavan: drive suction setpoint to pressure -20 psi
301	7/25/2010	8:36:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
302	7/25/2010	8:36:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
303	7/25/2010	8:36:54 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
304	7/25/2010	8:37:19 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
305	7/25/2010	8:37:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
306	7/25/2010	8:38:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
307	7/25/2010	8:38:19 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
308	7/25/2010	8:38:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
309	7/25/2010	8:39:27 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
310	7/25/2010	8:39:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
311	7/25/2010	8:40:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
312	7/25/2010	8:40:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
313	7/25/2010	8:40:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
314	7/25/2010	8:40:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
315	7/25/2010	8:41:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
316	7/25/2010	8:41:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
317	7/25/2010	8:42:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
318	7/25/2010	8:42:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
319	7/25/2010	8:43:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
320	7/25/2010	8:44:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
321	7/25/2010	8:44:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
322	7/25/2010	8:44:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
323	7/25/2010	8:45:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
324	7/25/2010	8:45:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
325	7/25/2010	8:45:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
326	7/25/2010	8:46:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
327	7/25/2010	8:46:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
328	7/25/2010	8:46:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
329	7/25/2010	8:47:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
330	7/25/2010	8:48:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
331	7/25/2010	8:48:28 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
332	7/25/2010	8:48:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
333	7/25/2010	8:49:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
334	7/25/2010	8:49:28 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
335	7/25/2010	8:49:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
336	7/25/2010	8:49:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
337	7/25/2010	8:50:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
338	7/25/2010	8:50:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
339	7/25/2010	8:50:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
340	7/25/2010	8:51:12 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
341	7/25/2010	8:51:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
342	7/25/2010	8:52:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
343	7/25/2010	8:52:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
344	7/25/2010	8:52:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
345	7/25/2010	8:52:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
346	7/25/2010	8:52:55 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
347	7/25/2010	8:53:28 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
348	7/25/2010	8:53:43 AM		console5: line 6: Delavan to Delavan: drive suction setpoint to pressure -20 psi
349	7/25/2010	8:54:07 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
350	7/25/2010	8:54:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
351	7/25/2010	8:54:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
352	7/25/2010	8:55:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
353	7/25/2010	8:55:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
354	7/25/2010	8:55:52 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
355	7/25/2010	8:56:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
356	7/25/2010	8:56:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
357	7/25/2010	8:57:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
358	7/25/2010	8:57:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
359	7/25/2010	8:57:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
360	7/25/2010	8:58:03 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
361	7/25/2010	8:58:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
362	7/25/2010	8:58:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
363	7/25/2010	8:59:07 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
364	7/25/2010	8:59:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
365	7/25/2010	8:59:25 AM	S4	OPR S4 L6 Howell Low Suction Pressure

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
366	7/25/2010	8:59:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
367	7/25/2010	8:59:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
368	7/25/2010	9:00:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
369	7/25/2010	9:00:34 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
370	7/25/2010	9:00:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
371	7/25/2010	9:01:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
372	7/25/2010	9:01:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
373	7/25/2010	9:02:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
374	7/25/2010	9:02:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
375	7/25/2010	9:02:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
376	7/25/2010	9:02:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
377	7/25/2010	9:03:04 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
378	7/25/2010	9:03:34 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
379	7/25/2010	9:03:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
380	7/25/2010	9:04:12 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
381	7/25/2010	9:04:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
382	7/25/2010	9:04:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
383	7/25/2010	9:04:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
384	7/25/2010	9:05:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
385	7/25/2010	9:05:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
386	7/25/2010	9:05:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
387	7/25/2010	9:06:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
388	7/25/2010	9:06:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
389	7/25/2010	9:06:55 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
390	7/25/2010	9:07:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
391	7/25/2010	9:07:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
392	7/25/2010	9:07:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
393	7/25/2010	9:08:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
394	7/25/2010	9:08:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
395	7/25/2010	9:08:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
396	7/25/2010	9:08:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
397	7/25/2010	9:09:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
398	7/25/2010	9:09:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
399	7/25/2010	9:09:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
400	7/25/2010	9:10:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
401	7/25/2010	9:10:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
402	7/25/2010	9:10:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
403	7/25/2010	9:11:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
404	7/25/2010	9:11:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
405	7/25/2010	9:11:55 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
406	7/25/2010	9:12:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
407	7/25/2010	9:13:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
408	7/25/2010	9:13:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
409	7/25/2010	9:13:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
410	7/25/2010	9:13:55 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
411	7/25/2010	9:14:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010

- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



color key

Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
412	7/25/2010	9:14:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
413	7/25/2010	9:15:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
414	7/25/2010	9:15:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
415	7/25/2010	9:15:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
416	7/25/2010	9:16:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
417	7/25/2010	9:16:52 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
418	7/25/2010	9:17:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
419	7/25/2010	9:17:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
420	7/25/2010	9:17:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
421	7/25/2010	9:18:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
422	7/25/2010	9:18:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
423	7/25/2010	9:18:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
424	7/25/2010	9:19:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
425	7/25/2010	9:19:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
426	7/25/2010	9:20:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
427	7/25/2010	9:20:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
428	7/25/2010	9:20:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
429	7/25/2010	9:21:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
430	7/25/2010	9:21:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
431	7/25/2010	9:21:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
432	7/25/2010	9:22:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
433	7/25/2010	9:22:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
434	7/25/2010	9:22:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
435	7/25/2010	9:22:55 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
436	7/25/2010	9:23:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
437	7/25/2010	9:23:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
438	7/25/2010	9:24:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
439	7/25/2010	9:24:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
440	7/25/2010	9:24:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
441	7/25/2010	9:24:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
442	7/25/2010	9:25:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
443	7/25/2010	9:25:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
444	7/25/2010	9:26:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
445	7/25/2010	9:26:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
446	7/25/2010	9:26:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
447	7/25/2010	9:26:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
448	7/25/2010	9:27:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
449	7/25/2010	9:27:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
450	7/25/2010	9:27:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
451	7/25/2010	9:28:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
452	7/25/2010	9:28:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
453	7/25/2010	9:28:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
454	7/25/2010	9:29:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
455	7/25/2010	9:29:28 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
456	7/25/2010	9:30:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
457	7/25/2010	9:30:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010

- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7

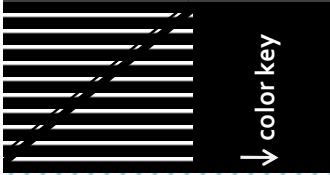


color key

Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
458	7/25/2010	9:30:28 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
459	7/25/2010	9:30:56 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
460	7/25/2010	9:31:16 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
461	7/25/2010	9:31:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
462	7/25/2010	9:32:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
463	7/25/2010	9:32:34 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
464	7/25/2010	9:32:56 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
465	7/25/2010	9:33:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
466	7/25/2010	9:33:36 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
467	7/25/2010	9:33:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
468	7/25/2010	9:33:56 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
469	7/25/2010	9:34:16 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
470	7/25/2010	9:34:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
471	7/25/2010	9:35:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
472	7/25/2010	9:35:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
473	7/25/2010	9:35:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
474	7/25/2010	9:36:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
475	7/25/2010	9:36:16 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
476	7/25/2010	9:36:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
477	7/25/2010	9:36:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
478	7/25/2010	9:37:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
479	7/25/2010	9:37:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
480	7/25/2010	9:38:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
481	7/25/2010	9:38:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
482	7/25/2010	9:38:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
483	7/25/2010	9:38:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
484	7/25/2010	9:39:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
485	7/25/2010	9:39:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
486	7/25/2010	9:39:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
487	7/25/2010	9:40:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
488	7/25/2010	9:40:21 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
489	7/25/2010	9:40:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
490	7/25/2010	9:40:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
491	7/25/2010	9:41:01 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
492	7/25/2010	9:41:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
493	7/25/2010	9:41:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
494	7/25/2010	9:42:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
495	7/25/2010	9:42:21 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
496	7/25/2010	9:42:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
497	7/25/2010	9:43:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
498	7/25/2010	9:43:56 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
499	7/25/2010	9:44:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
500	7/25/2010	9:44:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
501	7/25/2010	9:44:56 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
502	7/25/2010	9:45:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
503	7/25/2010	9:45:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



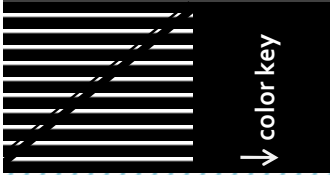
- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
504	7/25/2010	9:46:01 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
505	7/25/2010	9:46:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
506	7/25/2010	9:46:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
507	7/25/2010	9:46:56 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
508	7/25/2010	9:47:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
509	7/25/2010	9:47:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
510	7/25/2010	9:47:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
511	7/25/2010	9:47:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
512	7/25/2010	9:48:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
513	7/25/2010	9:48:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
514	7/25/2010	9:48:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
515	7/25/2010	9:49:22 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
516	7/25/2010	9:49:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
517	7/25/2010	9:49:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
518	7/25/2010	9:50:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
519	7/25/2010	9:50:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
520	7/25/2010	9:50:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
521	7/25/2010	9:51:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
522	7/25/2010	9:51:26 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
523	7/25/2010	9:51:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
524	7/25/2010	9:52:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
525	7/25/2010	9:52:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
526	7/25/2010	9:52:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
527	7/25/2010	9:53:26 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
528	7/25/2010	9:53:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
529	7/25/2010	9:54:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
530	7/25/2010	9:55:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
531	7/25/2010	9:55:22 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
532	7/25/2010	9:55:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
533	7/25/2010	9:56:06 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
534	7/25/2010	9:56:26 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
535	7/25/2010	9:56:46 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
536	7/25/2010	9:56:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
537	7/25/2010	9:57:16 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
538	7/25/2010	9:57:26 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
539	7/25/2010	9:57:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
540	7/25/2010	9:58:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
541	7/25/2010	9:58:26 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
542	7/25/2010	9:58:46 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
543	7/25/2010	9:59:07 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
544	7/25/2010	9:59:16 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
545	7/25/2010	9:59:26 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
546	7/25/2010	9:59:46 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
547	7/25/2010	10:00:11 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
548	7/25/2010	10:00:26 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
549	7/25/2010	10:00:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
550	7/25/2010	10:01:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
551	7/25/2010	10:02:02 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
552	7/25/2010	10:02:22 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
553	7/25/2010	10:02:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
554	7/25/2010	10:03:07 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
555	7/25/2010	10:03:22 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
556	7/25/2010	10:04:02 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
557	7/25/2010	10:04:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
558	7/25/2010	10:04:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
559	7/25/2010	10:05:47 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
560	7/25/2010	10:05:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
561	7/25/2010	10:06:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
562	7/25/2010	10:06:27 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
563	7/25/2010	10:06:42 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
564	7/25/2010	10:07:02 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
565	7/25/2010	10:07:42 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
566	7/25/2010	10:07:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
567	7/25/2010	10:08:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
568	7/25/2010	10:08:47 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
569	7/25/2010	10:09:07 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
570	7/25/2010	10:09:23 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
571	7/25/2010	10:09:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
572	7/25/2010	10:09:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
573	7/25/2010	10:10:07 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
574	7/25/2010	10:10:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
575	7/25/2010	10:10:27 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
576	7/25/2010	10:10:47 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
577	7/25/2010	10:11:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
578	7/25/2010	10:11:27 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
579	7/25/2010	10:11:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
580	7/25/2010	10:11:52 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
581	7/25/2010	10:12:23 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
582	7/25/2010	10:12:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
583	7/25/2010	10:13:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
584	7/25/2010	10:13:27 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
585	7/25/2010	10:13:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
586	7/25/2010	10:14:23 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
587	7/25/2010	10:14:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
588	7/25/2010	10:14:42 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
589	7/25/2010	10:15:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
590	7/25/2010	10:15:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
591	7/25/2010	10:15:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
592	7/25/2010	10:16:23 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
593	7/25/2010	10:16:47 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
594	7/25/2010	10:17:23 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
595	7/25/2010	10:17:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
596	7/25/2010	10:18:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
597	7/25/2010	10:18:28 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
598	7/25/2010	10:18:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
599	7/25/2010	10:19:28 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
600	7/25/2010	10:19:38 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
601	7/25/2010	10:19:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
602	7/25/2010	10:20:18 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
603	7/25/2010	10:20:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
604	7/25/2010	10:20:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
605	7/25/2010	10:20:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
606	7/25/2010	10:21:18 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
607	7/25/2010	10:21:28 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
608	7/25/2010	10:21:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
609	7/25/2010	10:22:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
610	7/25/2010	10:22:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
611	7/25/2010	10:23:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
612	7/25/2010	10:23:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
613	7/25/2010	10:23:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
614	7/25/2010	10:24:04 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
615	7/25/2010	10:24:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
616	7/25/2010	10:24:38 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
617	7/25/2010	10:25:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
618	7/25/2010	10:25:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
619	7/25/2010	10:25:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
620	7/25/2010	10:26:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
621	7/25/2010	10:26:42 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
622	7/25/2010	10:27:04 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
623	7/25/2010	10:27:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
624	7/25/2010	10:27:47 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
625	7/25/2010	10:27:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
626	7/25/2010	10:28:55 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
627	7/25/2010	10:29:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
628	7/25/2010	10:29:27 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
629	7/25/2010	10:29:52 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
630	7/25/2010	10:30:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
631	7/25/2010	10:30:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
632	7/25/2010	10:30:42 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
633	7/25/2010	10:30:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
634	7/25/2010	10:31:12 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
635	7/25/2010	10:31:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
636	7/25/2010	10:31:56 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
637	7/25/2010	10:32:04 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
638	7/25/2010	10:32:12 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
639	7/25/2010	10:32:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
640	7/25/2010	10:33:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
641	7/25/2010	10:33:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
642	7/25/2010	10:33:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
643	7/25/2010	10:34:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
644	7/25/2010	10:34:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
645	7/25/2010	10:35:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
646	7/25/2010	10:35:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
647	7/25/2010	10:35:56 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
648	7/25/2010	10:36:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
649	7/25/2010	10:36:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
650	7/25/2010	10:36:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
651	7/25/2010	10:37:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
652	7/25/2010	10:37:18 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
653	7/25/2010	10:37:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
654	7/25/2010	10:37:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
655	7/25/2010	10:37:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
656	7/25/2010	10:38:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
657	7/25/2010	10:38:43 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
658	7/25/2010	10:39:18 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
659	7/25/2010	10:39:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
660	7/25/2010	10:39:48 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
661	7/25/2010	10:39:56 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
662	7/25/2010	10:40:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
663	7/25/2010	10:40:28 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
664	7/25/2010	10:40:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
665	7/25/2010	10:41:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
666	7/25/2010	10:41:56 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
667	7/25/2010	10:42:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
668	7/25/2010	10:42:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
669	7/25/2010	10:42:51 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
670	7/25/2010	10:43:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
671	7/25/2010	10:43:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
672	7/25/2010	10:43:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
673	7/25/2010	10:43:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
674	7/25/2010	10:44:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
675	7/25/2010	10:44:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
676	7/25/2010	10:44:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
677	7/25/2010	10:45:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
678	7/25/2010	10:45:34 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
679	7/25/2010	10:45:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
680	7/25/2010	10:46:19 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
681	7/25/2010	10:46:34 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
682	7/25/2010	10:46:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
683	7/25/2010	10:46:57 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
684	7/25/2010	10:47:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
685	7/25/2010	10:47:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
686	7/25/2010	10:47:34 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
687	7/25/2010	10:48:19 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
688	7/25/2010	10:48:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
689	7/25/2010	10:49:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
690	7/25/2010	10:49:19 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
691	7/25/2010	10:49:39 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
692	7/25/2010	10:50:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
693	7/25/2010	10:50:34 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
694	7/25/2010	10:50:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
695	7/25/2010	10:51:44 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
696	7/25/2010	10:52:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
697	7/25/2010	10:52:19 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
698	7/25/2010	10:52:54 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
699	7/25/2010	10:53:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
700	7/25/2010	10:53:39 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
701	7/25/2010	10:54:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
702	7/25/2010	10:54:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
703	7/25/2010	10:54:34 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
704	7/25/2010	10:55:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
705	7/25/2010	10:55:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
706	7/25/2010	10:55:39 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
707	7/25/2010	10:56:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
708	7/25/2010	10:56:25 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
709	7/25/2010	10:56:49 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
710	7/25/2010	10:57:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
711	7/25/2010	10:57:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
712	7/25/2010	10:57:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
713	7/25/2010	10:57:55 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
714	7/25/2010	10:58:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
715	7/25/2010	10:58:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
716	7/25/2010	10:59:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
717	7/25/2010	10:59:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
718	7/25/2010	10:59:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
719	7/25/2010	10:59:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
720	7/25/2010	11:00:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
721	7/25/2010	11:00:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
722	7/25/2010	11:00:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
723	7/25/2010	11:00:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
724	7/25/2010	11:01:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
725	7/25/2010	11:01:35 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
726	7/25/2010	11:01:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
727	7/25/2010	11:02:10 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
728	7/25/2010	11:02:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
729	7/25/2010	11:02:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
730	7/25/2010	11:03:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
731	7/25/2010	11:03:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
732	7/25/2010	11:03:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
733	7/25/2010	11:04:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



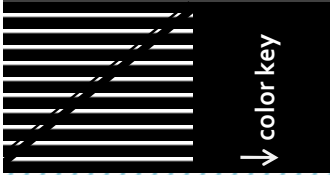
- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
734	7/25/2010	11:04:16 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
735	7/25/2010	11:04:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
736	7/25/2010	11:04:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
737	7/25/2010	11:05:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
738	7/25/2010	11:05:36 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
739	7/25/2010	11:05:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
740	7/25/2010	11:06:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
741	7/25/2010	11:06:23 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
742	7/25/2010	11:06:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
743	7/25/2010	11:06:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
744	7/25/2010	11:07:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
745	7/25/2010	11:07:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
746	7/25/2010	11:07:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
747	7/25/2010	11:08:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
748	7/25/2010	11:09:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
749	7/25/2010	11:09:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
750	7/25/2010	11:09:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
751	7/25/2010	11:09:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
752	7/25/2010	11:10:23 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
753	7/25/2010	11:10:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
754	7/25/2010	11:10:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
755	7/25/2010	11:11:36 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
756	7/25/2010	11:12:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
757	7/25/2010	11:12:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
758	7/25/2010	11:12:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
759	7/25/2010	11:13:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
760	7/25/2010	11:13:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
761	7/25/2010	11:13:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
762	7/25/2010	11:13:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
763	7/25/2010	11:14:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
764	7/25/2010	11:14:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
765	7/25/2010	11:14:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
766	7/25/2010	11:15:16 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
767	7/25/2010	11:15:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
768	7/25/2010	11:16:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
769	7/25/2010	11:16:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
770	7/25/2010	11:16:36 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
771	7/25/2010	11:17:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
772	7/25/2010	11:17:28 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
773	7/25/2010	11:17:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
774	7/25/2010	11:18:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
775	7/25/2010	11:18:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
776	7/25/2010	11:18:36 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
777	7/25/2010	11:18:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
778	7/25/2010	11:19:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
779	7/25/2010	11:19:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
780	7/25/2010	11:20:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
781	7/25/2010	11:20:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
782	7/25/2010	11:21:31 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
783	7/25/2010	11:21:58 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
784	7/25/2010	11:22:13 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
785	7/25/2010	11:22:24 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
786	7/25/2010	11:22:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
787	7/25/2010	11:23:08 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
788	7/25/2010	11:23:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
789	7/25/2010	11:24:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
790	7/25/2010	11:24:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
791	7/25/2010	11:24:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
792	7/25/2010	11:24:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
793	7/25/2010	11:25:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
794	7/25/2010	11:25:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
795	7/25/2010	11:25:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
796	7/25/2010	11:25:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
797	7/25/2010	11:26:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
798	7/25/2010	11:26:53 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
799	7/25/2010	11:27:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
800	7/25/2010	11:27:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
801	7/25/2010	11:27:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
802	7/25/2010	11:27:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
803	7/25/2010	11:28:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
804	7/25/2010	11:28:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
805	7/25/2010	11:28:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
806	7/25/2010	11:28:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
807	7/25/2010	11:29:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
808	7/25/2010	11:29:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
809	7/25/2010	11:29:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
810	7/25/2010	11:29:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
811	7/25/2010	11:30:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
812	7/25/2010	11:30:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
813	7/25/2010	11:31:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
814	7/25/2010	11:31:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
815	7/25/2010	11:31:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
816	7/25/2010	11:31:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
817	7/25/2010	11:32:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
818	7/25/2010	11:32:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
819	7/25/2010	11:33:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
820	7/25/2010	11:33:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
821	7/25/2010	11:33:50 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
822	7/25/2010	11:34:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
823	7/25/2010	11:34:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
824	7/25/2010	11:34:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
825	7/25/2010	11:34:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
826	7/25/2010	11:35:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
827	7/25/2010	11:35:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
828	7/25/2010	11:35:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
829	7/25/2010	11:36:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
830	7/25/2010	11:36:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
831	7/25/2010	11:36:39 AM		console5: line 6 Stone Lake: stop unit U-1
832	7/25/2010	11:36:42 AM	S4	OPR S4 L6 Stone Lake Unit U-1 is in sequence OFF
833	7/25/2010	11:36:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
834	7/25/2010	11:37:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
835	7/25/2010	11:37:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
836	7/25/2010	11:38:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
837	7/25/2010	11:38:22 AM		console5: line 6: Delavan to Delavan: drive suction setpoint to pressure -20 psi
838	7/25/2010	11:38:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
839	7/25/2010	11:38:54 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
840	7/25/2010	11:39:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
841	7/25/2010	11:39:20 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
842	7/25/2010	11:39:28 AM	S2	OPR S2 L6 Stone Lake Unit U-1 is now OFF (Hot Unit)
843	7/25/2010	11:39:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
844	7/25/2010	11:39:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
845	7/25/2010	11:40:21 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
846	7/25/2010	11:40:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
847	7/25/2010	11:41:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
848	7/25/2010	11:41:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
849	7/25/2010	11:41:54 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
850	7/25/2010	11:42:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
851	7/25/2010	11:42:29 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
852	7/25/2010	11:42:45 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
853	7/25/2010	11:43:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
854	7/25/2010	11:43:21 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
855	7/25/2010	11:44:01 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
856	7/25/2010	11:44:21 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
857	7/25/2010	11:44:46 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
858	7/25/2010	11:44:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
859	7/25/2010	11:45:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
860	7/25/2010	11:45:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
861	7/25/2010	11:45:40 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
862	7/25/2010	11:45:54 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
863	7/25/2010	11:46:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
864	7/25/2010	11:46:21 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
865	7/25/2010	11:46:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
866	7/25/2010	11:46:46 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
867	7/25/2010	11:47:37 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
868	7/25/2010	11:47:54 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
869	7/25/2010	11:48:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
870	7/25/2010	11:48:32 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
871	7/25/2010	11:48:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
872	7/25/2010	11:48:54 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
873	7/25/2010	11:49:30 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
874	7/25/2010	11:49:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
875	7/25/2010	11:50:14 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
876	7/25/2010	11:50:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
877	7/25/2010	11:50:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
878	7/25/2010	11:50:59 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
879	7/25/2010	11:51:09 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
880	7/25/2010	11:51:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
881	7/25/2010	11:51:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
882	7/25/2010	11:52:01 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
883	7/25/2010	11:52:17 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
884	7/25/2010	11:52:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
885	7/25/2010	11:52:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
886	7/25/2010	11:53:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
887	7/25/2010	11:53:55 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
888	7/25/2010	11:54:01 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
889	7/25/2010	11:54:18 AM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
890	7/25/2010	11:54:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
891	7/25/2010	11:55:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
892	7/25/2010	11:55:21 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
893	7/25/2010	11:55:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
894	7/25/2010	11:55:46 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
895	7/25/2010	11:56:15 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
896	7/25/2010	11:56:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
897	7/25/2010	11:56:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
898	7/25/2010	11:57:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
899	7/25/2010	11:57:18 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
900	7/25/2010	11:57:55 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
901	7/25/2010	11:58:05 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
902	7/25/2010	11:58:21 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
903	7/25/2010	11:58:33 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
904	7/25/2010	11:58:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
905	7/25/2010	11:59:00 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
906	7/25/2010	11:59:41 AM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
907	7/25/2010	12:00:18 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
908	7/25/2010	12:00:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
909	7/25/2010	12:00:50 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
910	7/25/2010	12:01:30 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
911	7/25/2010	12:01:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
912	7/25/2010	12:01:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
913	7/25/2010	12:02:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
914	7/25/2010	12:02:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
915	7/25/2010	12:02:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
916	7/25/2010	12:03:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
917	7/25/2010	12:03:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



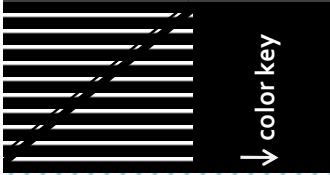
- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
918	7/25/2010	12:03:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
919	7/25/2010	12:03:50 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
920	7/25/2010	12:04:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
921	7/25/2010	12:05:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
922	7/25/2010	12:05:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
923	7/25/2010	12:05:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
924	7/25/2010	12:05:55 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
925	7/25/2010	12:06:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
926	7/25/2010	12:06:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
927	7/25/2010	12:06:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
928	7/25/2010	12:06:55 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
929	7/25/2010	12:07:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
930	7/25/2010	12:08:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
931	7/25/2010	12:08:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
932	7/25/2010	12:09:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
933	7/25/2010	12:09:28 PM	S2	OPR S2 L6 Stone Lake Unit U-1 is no longer Hot
934	7/25/2010	12:09:40 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
935	7/25/2010	12:09:55 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
936	7/25/2010	12:10:11 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
937	7/25/2010	12:10:30 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
938	7/25/2010	12:11:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
939	7/25/2010	12:11:30 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
940	7/25/2010	12:12:00 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
941	7/25/2010	12:12:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
942	7/25/2010	12:12:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
943	7/25/2010	12:12:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
944	7/25/2010	12:13:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
945	7/25/2010	12:13:11 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
946	7/25/2010	12:13:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
947	7/25/2010	12:14:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
948	7/25/2010	12:14:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
949	7/25/2010	12:14:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
950	7/25/2010	12:14:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
951	7/25/2010	12:15:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
952	7/25/2010	12:15:11 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
953	7/25/2010	12:15:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
954	7/25/2010	12:15:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
955	7/25/2010	12:16:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
956	7/25/2010	12:16:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
957	7/25/2010	12:17:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
958	7/25/2010	12:17:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
959	7/25/2010	12:17:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
960	7/25/2010	12:18:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
961	7/25/2010	12:18:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
962	7/25/2010	12:18:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
963	7/25/2010	12:18:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
964	7/25/2010	12:19:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
965	7/25/2010	12:19:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
966	7/25/2010	12:19:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
967	7/25/2010	12:19:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
968	7/25/2010	12:20:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
969	7/25/2010	12:20:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
970	7/25/2010	12:21:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
971	7/25/2010	12:21:11 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
972	7/25/2010	12:21:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
973	7/25/2010	12:21:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
974	7/25/2010	12:21:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
975	7/25/2010	12:22:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
976	7/25/2010	12:22:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
977	7/25/2010	12:22:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
978	7/25/2010	12:22:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
979	7/25/2010	12:23:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
980	7/25/2010	12:23:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
981	7/25/2010	12:23:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
982	7/25/2010	12:23:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
983	7/25/2010	12:24:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
984	7/25/2010	12:24:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
985	7/25/2010	12:25:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
986	7/25/2010	12:25:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
987	7/25/2010	12:25:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
988	7/25/2010	12:25:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
989	7/25/2010	12:26:11 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
990	7/25/2010	12:26:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
991	7/25/2010	12:26:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
992	7/25/2010	12:26:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
993	7/25/2010	12:27:27 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
994	7/25/2010	12:28:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
995	7/25/2010	12:28:27 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
996	7/25/2010	12:28:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
997	7/25/2010	12:28:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
998	7/25/2010	12:29:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
999	7/25/2010	12:29:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1000	7/25/2010	12:30:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1001	7/25/2010	12:30:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1002	7/25/2010	12:30:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1003	7/25/2010	12:31:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1004	7/25/2010	12:31:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1005	7/25/2010	12:31:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1006	7/25/2010	12:32:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1007	7/25/2010	12:32:27 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1008	7/25/2010	12:32:40 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1009	7/25/2010	12:32:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1010	7/25/2010	12:33:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1011	7/25/2010	12:33:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1012	7/25/2010	12:34:12 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1013	7/25/2010	12:34:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1014	7/25/2010	12:35:12 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1015	7/25/2010	12:35:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1016	7/25/2010	12:36:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1017	7/25/2010	12:36:52 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1018	7/25/2010	12:37:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1019	7/25/2010	12:37:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1020	7/25/2010	12:37:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1021	7/25/2010	12:38:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1022	7/25/2010	12:38:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1023	7/25/2010	12:38:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1024	7/25/2010	12:39:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1025	7/25/2010	12:39:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1026	7/25/2010	12:39:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1027	7/25/2010	12:40:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1028	7/25/2010	12:40:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1029	7/25/2010	12:40:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1030	7/25/2010	12:41:10 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
1031	7/25/2010	12:41:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1032	7/25/2010	12:41:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1033	7/25/2010	12:41:52 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1034	7/25/2010	12:42:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1035	7/25/2010	12:42:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1036	7/25/2010	12:42:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1037	7/25/2010	12:43:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1038	7/25/2010	12:43:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1039	7/25/2010	12:44:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1040	7/25/2010	12:44:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1041	7/25/2010	12:44:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1042	7/25/2010	12:44:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1043	7/25/2010	12:45:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1044	7/25/2010	12:45:13 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1045	7/25/2010	12:45:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1046	7/25/2010	12:45:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1047	7/25/2010	12:46:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1048	7/25/2010	12:46:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1049	7/25/2010	12:46:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1050	7/25/2010	12:47:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1051	7/25/2010	12:47:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1052	7/25/2010	12:48:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1053	7/25/2010	12:48:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1054	7/25/2010	12:48:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1055	7/25/2010	12:49:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010

- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



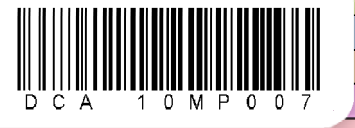
color key

Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1056	7/25/2010	12:49:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1057	7/25/2010	12:49:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1058	7/25/2010	12:50:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1059	7/25/2010	12:50:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1060	7/25/2010	12:50:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1061	7/25/2010	12:50:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1062	7/25/2010	12:51:12 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1063	7/25/2010	12:51:29 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1064	7/25/2010	12:51:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1065	7/25/2010	12:52:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1066	7/25/2010	12:52:29 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1067	7/25/2010	12:52:52 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1068	7/25/2010	12:53:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1069	7/25/2010	12:53:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1070	7/25/2010	12:53:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1071	7/25/2010	12:53:52 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1072	7/25/2010	12:54:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1073	7/25/2010	12:54:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1074	7/25/2010	12:54:52 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1075	7/25/2010	12:55:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1076	7/25/2010	12:55:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1077	7/25/2010	12:55:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1078	7/25/2010	12:56:29 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1079	7/25/2010	12:56:44 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1080	7/25/2010	12:57:00 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1081	7/25/2010	12:57:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1082	7/25/2010	12:57:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1083	7/25/2010	12:58:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1084	7/25/2010	12:58:29 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1085	7/25/2010	12:58:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1086	7/25/2010	12:59:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1087	7/25/2010	12:59:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1088	7/25/2010	1:00:00 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1089	7/25/2010	1:00:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1090	7/25/2010	1:00:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1091	7/25/2010	1:01:00 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1092	7/25/2010	1:01:11 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1093	7/25/2010	1:01:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1094	7/25/2010	1:01:53 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1095	7/25/2010	1:02:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1096	7/25/2010	1:02:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1097	7/25/2010	1:02:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1098	7/25/2010	1:03:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1099	7/25/2010	1:03:20 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1100	7/25/2010	1:03:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1101	7/25/2010	1:03:53 PM		console5: line 6: Delavan to Delavan: drive suction setpoint to pressure -20 psi

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010

- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1102	7/25/2010	1:03:54 PM		console5: line 6: Crystal Lake to Crystal Lake: drive suction setpoint to pressure -20 psi
1103	7/25/2010	1:04:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1104	7/25/2010	1:04:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1105	7/25/2010	1:04:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1106	7/25/2010	1:05:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1107	7/25/2010	1:05:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1108	7/25/2010	1:06:11 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1109	7/25/2010	1:06:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1110	7/25/2010	1:06:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1111	7/25/2010	1:07:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1112	7/25/2010	1:07:29 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1113	7/25/2010	1:08:12 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1114	7/25/2010	1:08:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1115	7/25/2010	1:09:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1116	7/25/2010	1:09:20 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1117	7/25/2010	1:09:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1118	7/25/2010	1:09:53 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1119	7/25/2010	1:10:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1120	7/25/2010	1:10:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1121	7/25/2010	1:10:53 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1122	7/25/2010	1:11:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1123	7/25/2010	1:11:12 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1124	7/25/2010	1:11:29 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1125	7/25/2010	1:11:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1126	7/25/2010	1:12:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1127	7/25/2010	1:12:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1128	7/25/2010	1:12:53 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1129	7/25/2010	1:13:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1130	7/25/2010	1:13:24 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1131	7/25/2010	1:13:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1132	7/25/2010	1:13:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1133	7/25/2010	1:14:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1134	7/25/2010	1:14:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1135	7/25/2010	1:14:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1136	7/25/2010	1:15:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1137	7/25/2010	1:15:24 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1138	7/25/2010	1:15:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1139	7/25/2010	1:15:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1140	7/25/2010	1:16:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1141	7/25/2010	1:16:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1142	7/25/2010	1:16:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1143	7/25/2010	1:17:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1144	7/25/2010	1:17:29 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1145	7/25/2010	1:17:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1146	7/25/2010	1:18:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1147	7/25/2010	1:18:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1148	7/25/2010	1:18:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1149	7/25/2010	1:19:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1150	7/25/2010	1:19:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1151	7/25/2010	1:19:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1152	7/25/2010	1:20:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1153	7/25/2010	1:20:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1154	7/25/2010	1:21:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1155	7/25/2010	1:21:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1156	7/25/2010	1:22:12 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1157	7/25/2010	1:22:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1158	7/25/2010	1:22:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1159	7/25/2010	1:22:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1160	7/25/2010	1:23:12 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1161	7/25/2010	1:23:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1162	7/25/2010	1:23:50 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1163	7/25/2010	1:24:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1164	7/25/2010	1:24:13 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1165	7/25/2010	1:24:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1166	7/25/2010	1:24:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1167	7/25/2010	1:25:13 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1168	7/25/2010	1:25:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1169	7/25/2010	1:26:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1170	7/25/2010	1:26:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1171	7/25/2010	1:27:09 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1172	7/25/2010	1:27:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1173	7/25/2010	1:27:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1174	7/25/2010	1:27:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1175	7/25/2010	1:28:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1176	7/25/2010	1:28:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1177	7/25/2010	1:29:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1178	7/25/2010	1:29:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1179	7/25/2010	1:29:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1180	7/25/2010	1:30:08 PM		console5: line 6: Crystal Lake to Crystal Lake: drive suction setpoint to pressure -20 psi
1181	7/25/2010	1:30:13 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1182	7/25/2010	1:30:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1183	7/25/2010	1:30:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1184	7/25/2010	1:31:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1185	7/25/2010	1:31:50 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1186	7/25/2010	1:32:13 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1187	7/25/2010	1:32:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1188	7/25/2010	1:33:09 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1189	7/25/2010	1:33:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1190	7/25/2010	1:34:09 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1191	7/25/2010	1:35:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1192	7/25/2010	1:35:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1193	7/25/2010	1:35:50 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1194	7/25/2010	1:36:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1195	7/25/2010	1:36:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1196	7/25/2010	1:36:50 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1197	7/25/2010	1:37:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1198	7/25/2010	1:37:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1199	7/25/2010	1:37:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1200	7/25/2010	1:38:09 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1201	7/25/2010	1:38:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1202	7/25/2010	1:38:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1203	7/25/2010	1:38:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1204	7/25/2010	1:39:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1205	7/25/2010	1:39:13 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1206	7/25/2010	1:39:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1207	7/25/2010	1:39:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1208	7/25/2010	1:40:13 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1209	7/25/2010	1:40:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1210	7/25/2010	1:40:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1211	7/25/2010	1:41:13 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1212	7/25/2010	1:41:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1213	7/25/2010	1:41:53 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1214	7/25/2010	1:42:09 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1215	7/25/2010	1:42:29 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1216	7/25/2010	1:42:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1217	7/25/2010	1:42:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1218	7/25/2010	1:43:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1219	7/25/2010	1:43:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1220	7/25/2010	1:43:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1221	7/25/2010	1:43:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1222	7/25/2010	1:44:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1223	7/25/2010	1:44:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1224	7/25/2010	1:44:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1225	7/25/2010	1:45:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1226	7/25/2010	1:45:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1227	7/25/2010	1:46:09 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1228	7/25/2010	1:46:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1229	7/25/2010	1:46:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1230	7/25/2010	1:47:09 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1231	7/25/2010	1:47:29 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1232	7/25/2010	1:47:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1233	7/25/2010	1:48:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1234	7/25/2010	1:48:53 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1235	7/25/2010	1:49:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1236	7/25/2010	1:49:53 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1237	7/25/2010	1:50:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1238	7/25/2010	1:50:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1239	7/25/2010	1:50:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1240	7/25/2010	1:50:54 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1241	7/25/2010	1:50:59 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1242	7/25/2010	1:51:08 PM		console5: line 6: Ladysmith to Ladysmith: drive discharge setpoint to pressure -20 psi
1243	7/25/2010	1:51:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1244	7/25/2010	1:51:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1245	7/25/2010	1:51:50 PM		console5: line 6: Delavan to Delavan: drive suction setpoint to pressure -20 psi
1246	7/25/2010	1:51:53 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1247	7/25/2010	1:52:04 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1248	7/25/2010	1:52:09 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1249	7/25/2010	1:52:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1250	7/25/2010	1:52:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1251	7/25/2010	1:52:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1252	7/25/2010	1:53:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1253	7/25/2010	1:53:34 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1254	7/25/2010	1:53:39 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1255	7/25/2010	1:53:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1256	7/25/2010	1:54:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1257	7/25/2010	1:54:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1258	7/25/2010	1:54:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1259	7/25/2010	1:54:59 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1260	7/25/2010	1:54:59 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1261	7/25/2010	1:55:09 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1262	7/25/2010	1:55:19 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1263	7/25/2010	1:55:24 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1264	7/25/2010	1:55:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1265	7/25/2010	1:55:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1266	7/25/2010	1:55:44 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1267	7/25/2010	1:55:49 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1268	7/25/2010	1:55:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1269	7/25/2010	1:55:59 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1270	7/25/2010	1:56:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1271	7/25/2010	1:56:09 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1272	7/25/2010	1:56:18 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1273	7/25/2010	1:56:19 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1274	7/25/2010	1:56:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1275	7/25/2010	1:56:39 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1276	7/25/2010	1:56:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1277	7/25/2010	1:56:54 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1278	7/25/2010	1:56:59 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1279	7/25/2010	1:56:59 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1280	7/25/2010	1:57:09 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1281	7/25/2010	1:57:29 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1282	7/25/2010	1:57:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1283	7/25/2010	1:57:34 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1284	7/25/2010	1:57:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1285	7/25/2010	1:57:49 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = **lpm: resumed normal**
- = **Console5**
- = **s4**
- = **s6**
- = **s7**



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1286	7/25/2010	1:57:54 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1287	7/25/2010	1:57:59 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1288	7/25/2010	1:58:04 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1289	7/25/2010	1:58:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1290	7/25/2010	1:58:09 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1291	7/25/2010	1:58:14 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1292	7/25/2010	1:58:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1293	7/25/2010	1:58:24 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1294	7/25/2010	1:58:29 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1295	7/25/2010	1:58:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1296	7/25/2010	1:58:39 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1297	7/25/2010	1:58:44 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1298	7/25/2010	1:58:49 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1299	7/25/2010	1:59:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1300	7/25/2010	1:59:04 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1301	7/25/2010	1:59:14 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1302	7/25/2010	1:59:19 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1303	7/25/2010	1:59:24 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1304	7/25/2010	1:59:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1305	7/25/2010	1:59:39 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1306	7/25/2010	1:59:44 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1307	7/25/2010	1:59:49 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1308	7/25/2010	1:59:53 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1309	7/25/2010	1:59:54 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1310	7/25/2010	1:59:54 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1311	7/25/2010	2:00:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1312	7/25/2010	2:00:14 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1313	7/25/2010	2:00:19 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1314	7/25/2010	2:00:24 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1315	7/25/2010	2:00:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1316	7/25/2010	2:00:29 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1317	7/25/2010	2:00:29 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1318	7/25/2010	2:00:34 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1319	7/25/2010	2:00:39 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1320	7/25/2010	2:00:44 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1321	7/25/2010	2:00:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1322	7/25/2010	2:01:19 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1323	7/25/2010	2:01:24 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1324	7/25/2010	2:01:24 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1325	7/25/2010	2:01:29 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1326	7/25/2010	2:01:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1327	7/25/2010	2:01:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1328	7/25/2010	2:02:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1329	7/25/2010	2:02:30 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1330	7/25/2010	2:02:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1331	7/25/2010	2:02:44 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010

- = **lpm: resumed normal**
- = **Console5**
- = **s4**
- = **s6**
- = **s7**

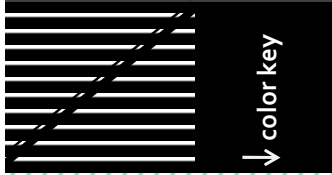


color key

Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1332	7/25/2010	2:02:49 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1333	7/25/2010	2:03:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1334	7/25/2010	2:03:19 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1335	7/25/2010	2:03:24 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1336	7/25/2010	2:03:29 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1337	7/25/2010	2:03:29 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1338	7/25/2010	2:03:30 PM		console5: line 6: Ladysmith to Ladysmith: drive discharge setpoint to pressure +50 psi
1339	7/25/2010	2:03:30 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1340	7/25/2010	2:03:43 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1341	7/25/2010	2:03:47 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1342	7/25/2010	2:03:54 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1343	7/25/2010	2:04:04 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1344	7/25/2010	2:04:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1345	7/25/2010	2:04:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1346	7/25/2010	2:04:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1347	7/25/2010	2:05:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1348	7/25/2010	2:05:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1349	7/25/2010	2:05:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1350	7/25/2010	2:05:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1351	7/25/2010	2:06:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1352	7/25/2010	2:06:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1353	7/25/2010	2:06:29 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1354	7/25/2010	2:06:34 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1355	7/25/2010	2:06:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1356	7/25/2010	2:07:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1357	7/25/2010	2:07:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1358	7/25/2010	2:07:30 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1359	7/25/2010	2:08:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1360	7/25/2010	2:08:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1361	7/25/2010	2:08:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1362	7/25/2010	2:08:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1363	7/25/2010	2:09:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1364	7/25/2010	2:09:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1365	7/25/2010	2:09:44 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1366	7/25/2010	2:09:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1367	7/25/2010	2:09:50 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1368	7/25/2010	2:09:59 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1369	7/25/2010	2:10:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1370	7/25/2010	2:10:19 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1371	7/25/2010	2:10:24 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1372	7/25/2010	2:10:30 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1373	7/25/2010	2:10:30 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1374	7/25/2010	2:10:35 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1375	7/25/2010	2:10:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1376	7/25/2010	2:11:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1377	7/25/2010	2:11:35 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1378	7/25/2010	2:11:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1379	7/25/2010	2:11:39 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1380	7/25/2010	2:11:50 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1381	7/25/2010	2:11:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1382	7/25/2010	2:11:55 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1383	7/25/2010	2:12:10 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1384	7/25/2010	2:12:15 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1385	7/25/2010	2:12:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1386	7/25/2010	2:12:20 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1387	7/25/2010	2:12:24 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1388	7/25/2010	2:12:35 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1389	7/25/2010	2:12:40 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1390	7/25/2010	2:12:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1391	7/25/2010	2:13:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1392	7/25/2010	2:13:20 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1393	7/25/2010	2:13:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1394	7/25/2010	2:13:30 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1395	7/25/2010	2:13:40 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1396	7/25/2010	2:13:44 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1397	7/25/2010	2:13:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1398	7/25/2010	2:13:50 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1399	7/25/2010	2:13:59 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1400	7/25/2010	2:14:00 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1401	7/25/2010	2:14:04 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1402	7/25/2010	2:14:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1403	7/25/2010	2:14:24 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1404	7/25/2010	2:14:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1405	7/25/2010	2:14:35 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1406	7/25/2010	2:14:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1407	7/25/2010	2:14:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1408	7/25/2010	2:14:55 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1409	7/25/2010	2:15:00 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1410	7/25/2010	2:15:10 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1411	7/25/2010	2:15:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1412	7/25/2010	2:15:15 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1413	7/25/2010	2:15:30 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1414	7/25/2010	2:15:30 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1415	7/25/2010	2:15:35 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1416	7/25/2010	2:15:40 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1417	7/25/2010	2:15:45 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1418	7/25/2010	2:15:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1419	7/25/2010	2:15:55 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1420	7/25/2010	2:16:00 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1421	7/25/2010	2:16:05 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1422	7/25/2010	2:16:10 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1423	7/25/2010	2:16:20 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010

- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7

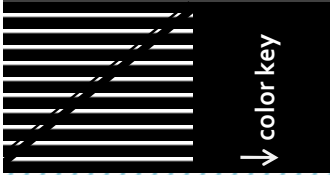


color key

Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1424	7/25/2010	2:16:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1425	7/25/2010	2:16:25 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1426	7/25/2010	2:16:30 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1427	7/25/2010	2:16:35 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1428	7/25/2010	2:16:50 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1429	7/25/2010	2:16:59 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1430	7/25/2010	2:17:10 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1431	7/25/2010	2:17:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1432	7/25/2010	2:17:15 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1433	7/25/2010	2:17:20 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1434	7/25/2010	2:17:30 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1435	7/25/2010	2:17:35 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1436	7/25/2010	2:17:44 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1437	7/25/2010	2:17:50 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1438	7/25/2010	2:17:55 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1439	7/25/2010	2:18:00 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1440	7/25/2010	2:18:05 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1441	7/25/2010	2:18:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1442	7/25/2010	2:18:30 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1443	7/25/2010	2:18:44 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1444	7/25/2010	2:18:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1445	7/25/2010	2:19:00 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1446	7/25/2010	2:19:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1447	7/25/2010	2:19:15 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1448	7/25/2010	2:19:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1449	7/25/2010	2:19:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1450	7/25/2010	2:19:30 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1451	7/25/2010	2:19:40 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1452	7/25/2010	2:19:45 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1453	7/25/2010	2:19:50 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1454	7/25/2010	2:20:00 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1455	7/25/2010	2:20:00 PM	S4	OPR S4 L6 Stockbridge Tank 81 Level ABOVE working max
1456	7/25/2010	2:20:10 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1457	7/25/2010	2:20:15 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1458	7/25/2010	2:20:25 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1459	7/25/2010	2:20:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1460	7/25/2010	2:20:35 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1461	7/25/2010	2:20:44 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1462	7/25/2010	2:20:50 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1463	7/25/2010	2:21:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1464	7/25/2010	2:21:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1465	7/25/2010	2:21:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1466	7/25/2010	2:21:40 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1467	7/25/2010	2:21:45 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1468	7/25/2010	2:21:50 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1469	7/25/2010	2:21:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1470	7/25/2010	2:22:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1471	7/25/2010	2:22:10 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1472	7/25/2010	2:22:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1473	7/25/2010	2:22:35 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1474	7/25/2010	2:22:40 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1475	7/25/2010	2:22:44 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1476	7/25/2010	2:22:50 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1477	7/25/2010	2:22:55 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1478	7/25/2010	2:23:00 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1479	7/25/2010	2:23:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1480	7/25/2010	2:23:05 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1481	7/25/2010	2:23:10 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1482	7/25/2010	2:23:15 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1483	7/25/2010	2:23:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1484	7/25/2010	2:23:30 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1485	7/25/2010	2:23:35 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1486	7/25/2010	2:23:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1487	7/25/2010	2:23:40 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1488	7/25/2010	2:23:55 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1489	7/25/2010	2:23:59 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1490	7/25/2010	2:24:00 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1491	7/25/2010	2:24:05 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1492	7/25/2010	2:24:10 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1493	7/25/2010	2:24:11 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1494	7/25/2010	2:24:18 PM		console5: line 6 Ladysmith: drive discharge setpoint to 546
1495	7/25/2010	2:24:20 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1496	7/25/2010	2:24:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1497	7/25/2010	2:24:28 PM		console5: line 6 Ladysmith: stop unit U-1
1498	7/25/2010	2:24:30 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning
1499	7/25/2010	2:24:35 PM	S4	OPR S4 L6 Ladysmith Unit U-1 is in sequence OFF
1500	7/25/2010	2:24:43 PM	S4	OPR S4 L6 Ladysmith Unit U-1 High Temperature Warning CLEARED
1501	7/25/2010	2:25:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1502	7/25/2010	2:25:24 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1503	7/25/2010	2:25:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1504	7/25/2010	2:26:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1505	7/25/2010	2:26:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1506	7/25/2010	2:26:44 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1507	7/25/2010	2:27:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1508	7/25/2010	2:27:10 PM		console5: line 6 Sheldon: stop unit U-4 start unit U-3 delay 70 seconds
1509	7/25/2010	2:27:15 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1510	7/25/2010	2:27:20 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning
1511	7/25/2010	2:27:25 PM	S2	OPR S2 L6 Ladysmith Unit U-1 is now OFF (Hot Unit)
1512	7/25/2010	2:27:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1513	7/25/2010	2:27:35 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1514	7/25/2010	2:27:47 PM		console5: line 6: Stone Lake to Stone Lake: drive discharge setpoint to pressure +50 psi
1515	7/25/2010	2:28:00 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1516	7/25/2010	2:28:10 PM	S4	OPR S4 L6 Ladysmith Unit U-2 High Temperature Warning CLEARED
1517	7/25/2010	2:28:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1518	7/25/2010	2:28:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1519	7/25/2010	2:28:50 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1520	7/25/2010	2:29:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1521	7/25/2010	2:29:11 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1522	7/25/2010	2:29:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1523	7/25/2010	2:30:00 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1524	7/25/2010	2:30:35 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1525	7/25/2010	2:30:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1526	7/25/2010	2:30:59 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1527	7/25/2010	2:31:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1528	7/25/2010	2:31:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1529	7/25/2010	2:31:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1530	7/25/2010	2:32:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1531	7/25/2010	2:32:20 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1532	7/25/2010	2:32:50 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1533	7/25/2010	2:33:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1534	7/25/2010	2:33:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1535	7/25/2010	2:33:35 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1536	7/25/2010	2:33:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1537	7/25/2010	2:34:00 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1538	7/25/2010	2:34:11 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1539	7/25/2010	2:34:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1540	7/25/2010	2:34:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1541	7/25/2010	2:35:20 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1542	7/25/2010	2:35:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1543	7/25/2010	2:35:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1544	7/25/2010	2:36:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1545	7/25/2010	2:36:35 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1546	7/25/2010	2:37:20 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1547	7/25/2010	2:37:40 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1548	7/25/2010	2:38:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1549	7/25/2010	2:38:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1550	7/25/2010	2:38:55 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1551	7/25/2010	2:39:12 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1552	7/25/2010	2:39:40 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1553	7/25/2010	2:40:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1554	7/25/2010	2:40:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1555	7/25/2010	2:40:40 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1556	7/25/2010	2:41:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1557	7/25/2010	2:41:40 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1558	7/25/2010	2:41:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1559	7/25/2010	2:42:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1560	7/25/2010	2:43:12 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1561	7/25/2010	2:43:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = **lpm: resumed normal**
- = **Console5**
- = **s4**
- = **s6**
- = **s7**



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1562	7/25/2010	2:43:40 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1563	7/25/2010	2:44:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1564	7/25/2010	2:44:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1565	7/25/2010	2:44:55 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1566	7/25/2010	2:45:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1567	7/25/2010	2:45:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1568	7/25/2010	2:45:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1569	7/25/2010	2:46:12 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1570	7/25/2010	2:46:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1571	7/25/2010	2:46:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1572	7/25/2010	2:47:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1573	7/25/2010	2:47:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1574	7/25/2010	2:47:55 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1575	7/25/2010	2:48:12 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1576	7/25/2010	2:48:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1577	7/25/2010	2:49:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1578	7/25/2010	2:49:32 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1579	7/25/2010	2:49:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1580	7/25/2010	2:50:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1581	7/25/2010	2:50:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1582	7/25/2010	2:50:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1583	7/25/2010	2:51:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1584	7/25/2010	2:51:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1585	7/25/2010	2:51:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1586	7/25/2010	2:52:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1587	7/25/2010	2:52:18 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1588	7/25/2010	2:52:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1589	7/25/2010	2:52:27 PM	S2	OPR S2 L6 Niles Man On Site
1590	7/25/2010	2:52:27 PM	S2	OPR S2 L6 Niles Man On Site
1591	7/25/2010	2:52:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1592	7/25/2010	2:53:18 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1593	7/25/2010	2:53:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1594	7/25/2010	2:53:43 PM		console5: line 6: Crystal Lake to Crystal Lake: drive discharge setpoint to pressure +50 psi
1595	7/25/2010	2:53:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1596	7/25/2010	2:54:13 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1597	7/25/2010	2:54:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1598	7/25/2010	2:54:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1599	7/25/2010	2:55:27 PM		console5: line 6 Griffith: stop unit U-3
1600	7/25/2010	2:55:33 PM	S4	OPR S4 L6 Griffith Unit U-3 is in sequence OFF
1601	7/25/2010	2:55:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1602	7/25/2010	2:55:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1603	7/25/2010	2:56:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1604	7/25/2010	2:56:16 PM		console5: line 6 Griffith: stop unit U-2
1605	7/25/2010	2:56:18 PM	S4	OPR S4 L6 Griffith Unit U-2 is in sequence OFF
1606	7/25/2010	2:56:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1607	7/25/2010	2:56:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



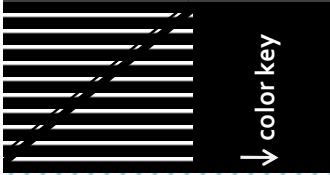
- = **lpm: resumed normal**
- = **Console5**
- = **s4**
- = **s6**
- = **s7**



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1608	7/25/2010	2:56:43 PM		console5: line 6 La Porte: stop unit U-1
1609	7/25/2010	2:56:45 PM	S4	OPR S4 L6 La Porte Unit U-1 is in sequence OFF
1610	7/25/2010	2:56:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1611	7/25/2010	2:57:01 PM		console5: line 6 Stockbridge: drive holding setpoint to 200
1612	7/25/2010	2:57:25 PM	S2	OPR S2 L6 Ladysmith Unit U-1 is no longer Hot
1613	7/25/2010	2:57:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1614	7/25/2010	2:57:33 PM	S4	OPR S4 L6 Griffith Injection Valve 6-SSV-3(75) is in Travel CLOSED
1615	7/25/2010	2:57:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1616	7/25/2010	2:57:38 PM		console5: line 6 Niles: stop unit U-1
1617	7/25/2010	2:57:44 PM	S4	OPR S4 L6 Niles Unit U-1 is in sequence OFF
1618	7/25/2010	2:57:50 PM		console5: line 6: Mendon to Mendon: drive suction setpoint to pressure -5 psi
1619	7/25/2010	2:57:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1620	7/25/2010	2:57:55 PM		console5: line 6: Marshall to Marshall: drive suction setpoint to pressure -5 psi
1621	7/25/2010	2:58:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1622	7/25/2010	2:58:24 PM		console5: line 6 Mendon: stop unit U-1
1623	7/25/2010	2:58:31 PM	S4	OPR S4 L6 Mendon Unit U-1 is in sequence OFF
1624	7/25/2010	2:58:38 PM	S2	OPR S2 L6 Griffith Unit U-3 is now OFF (Hot Unit)
1625	7/25/2010	2:58:42 PM	S6	DRV S6 L6 Marshall LPM?: Invalid pressure(s) - LPM may not be able to detect overpressure
1626	7/25/2010	2:58:42 PM	S4	OPR S4 L6 Marshall Low Suction Pressure
1627	7/25/2010	2:58:42 PM	S4	OPR S4 L6 Marshall Unit U-2 is in sequence OFF
1628	7/25/2010	2:58:47 PM	S2	DRV S2 L6 Marshall LPM: Resumed normal operating condition
1629	7/25/2010	2:58:47 PM	S4	OPR S4 L6 Marshall Low Suction Pressure alarm CLEARED
1630	7/25/2010	2:58:47 PM	S4	OPR S4 L6 Marshall Low Suction Pressure alarm CLEARED
1631	7/25/2010	2:58:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1632	7/25/2010	2:58:55 PM		console5: line 6 Marshall: stop unit U-2
1633	7/25/2010	2:58:57 PM	S4	OPR S4 L6 Marshall Low Suction Pressure
1634	7/25/2010	2:59:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1635	7/25/2010	2:59:05 PM		console5: line 6 Stockbridge: drive holding setpoint to 250
1636	7/25/2010	2:59:17 PM		system : line 6: stop line from Griffith to Mendon
1637	7/25/2010	2:59:17 PM		system : line 6: stop line from Griffith to Mendon
1638	7/25/2010	2:59:18 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1639	7/25/2010	2:59:18 PM	S2	OPR S2 L6 Griffith Unit U-2 is now OFF (Hot Unit)
1640	7/25/2010	2:59:27 PM	S6	DRV S6 L6 Marshall LPM?: Invalid pressure(s) - LPM may not be able to detect overpressure
1641	7/25/2010	2:59:29 PM	S2	OPR S2 L6 La Porte Unit U-1 is now OFF (Hot Unit)
1642	7/25/2010	2:59:32 PM	S2	DRV S2 L6 Marshall LPM: Resumed normal operating condition
1643	7/25/2010	2:59:33 PM	S4	OPR S4 L6 Stockbridge Delivery Valve 650.63-6/17-XV is in Travel CLOSED
1644	7/25/2010	2:59:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1645	7/25/2010	2:59:42 PM	S6	DRV S6 L6 Marshall LPM?: Invalid pressure(s) - LPM may not be able to detect overpressure
1646	7/25/2010	2:59:47 PM	S2	DRV S2 L6 Marshall LPM: Resumed normal operating condition
1647	7/25/2010	3:00:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1648	7/25/2010	3:00:18 PM	S6	DRV S6 L6 Marshall LPM?: Invalid pressure(s) - LPM may not be able to detect overpressure
1649	7/25/2010	3:00:18 PM	S4	OPR S4 L6 Griffith Injection Valve 6-SSV-3(75) is CLOSED
1650	7/25/2010	3:00:29 PM	S7	OPR S7 L6 M.P. 576.93 STOPPING LINE from Griffith to Mendon - Sect Valve 576.93-6-V over 60 seconds in Travel
1651	7/25/2010	3:00:29 PM	S7	OPR S7 L6 M.P. 576.93 STOPPING LINE from Griffith to Mendon - Sect Valve 576.93-6-V over 60 seconds in Travel
1652	7/25/2010	3:00:29 PM		system : line 6: stop line from Griffith to Mendon
1653	7/25/2010	3:00:29 PM		system : line 6: stop line from Griffith to Mendon

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



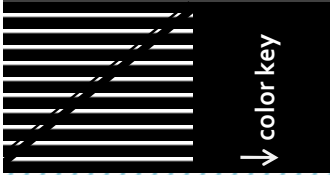
- = **lpm: resumed normal**
- = **Console5**
- = **s4**
- = **s6**
- = **s7**



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1654	7/25/2010	3:00:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1655	7/25/2010	3:00:37 PM	S2	DRV S2 L6 Marshall LPM: Resumed normal operating condition
1656	7/25/2010	3:00:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1657	7/25/2010	3:00:48 PM	S2	OPR S2 L6 Niles Unit U-1 is now OFF (Hot Unit)
1658	7/25/2010	3:01:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1659	7/25/2010	3:01:18 PM	S6	DRV S6 L6 Marshall LPM?: Invalid pressure(s) - LPM may not be able to detect overpressure
1660	7/25/2010	3:01:18 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1661	7/25/2010	3:01:27 PM	S2	DRV S2 L6 Marshall LPM: Resumed normal operating condition
1662	7/25/2010	3:01:31 PM	S2	OPR S2 L6 Mendon Unit U-1 is now OFF (Hot Unit)
1663	7/25/2010	3:01:38 PM	S6	DRV S6 L6 Marshall LPM?: Invalid pressure(s) - LPM may not be able to detect overpressure
1664	7/25/2010	3:01:38 PM	S2	OPR S2 L6 Marshall Unit U-2 is now OFF (Hot Unit)
1665	7/25/2010	3:01:44 PM	S4	OPR S4 L6 Niles Discharge Valve 6-SDV-1 is in Travel CLOSED
1666	7/25/2010	3:01:51 PM	S4	OPR S4 L6 Mendon Discharge pressure transmitter disparity alarm
1667	7/25/2010	3:01:51 PM	S4	OPR S4 L6 Mendon Discharge pressure transmitter disparity alarm
1668	7/25/2010	3:01:54 PM	S4	OPR S4 L6 Niles Suction Valve 6-SSV-1 is in Travel CLOSED
1669	7/25/2010	3:02:02 PM	S2	DRV S2 L6 Marshall LPM: Resumed normal operating condition
1670	7/25/2010	3:02:13 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1671	7/25/2010	3:02:15 PM	S7	OPR S7 L6 M.P. 576.93 STOPPING LINE from Griffith to Mendon - Sect Valve 576.93-6-V Closed
1672	7/25/2010	3:02:15 PM	S7	OPR S7 L6 M.P. 576.93 STOPPING LINE from Griffith to Mendon - Sect Valve 576.93-6-V Closed
1673	7/25/2010	3:02:15 PM		system : line 6: stop line from Griffith to Mendon
1674	7/25/2010	3:02:15 PM		system : line 6: stop line from Griffith to Mendon
1675	7/25/2010	3:02:18 PM	S4	OPR S4 L6 Stockbridge Delivery Valve 650.63-6/17-XV is CLOSED
1676	7/25/2010	3:02:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1677	7/25/2010	3:02:27 PM	S6	DRV S6 L6 Marshall LPM?: Invalid pressure(s) - LPM may not be able to detect overpressure
1678	7/25/2010	3:02:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1679	7/25/2010	3:02:58 PM	S6	7..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR OCCURRED
1680	7/25/2010	3:03:14 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1681	7/25/2010	3:03:14 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1682	7/25/2010	3:03:33 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
1683	7/25/2010	3:03:33 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
1684	7/25/2010	3:03:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1685	7/25/2010	3:03:52 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1686	7/25/2010	3:04:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1687	7/25/2010	3:04:13 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1688	7/25/2010	3:04:13 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1689	7/25/2010	3:04:13 PM	S4	OPR S4 L6 Niles Discharge Valve 6-SDV-1 is CLOSED
1690	7/25/2010	3:04:18 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1691	7/25/2010	3:04:18 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
1692	7/25/2010	3:04:18 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
1693	7/25/2010	3:04:28 PM	S4	OPR S4 L6 Niles Station Isolated
1694	7/25/2010	3:04:28 PM	S4	OPR S4 L6 Niles Station Isolated
1695	7/25/2010	3:04:28 PM	S4	OPR S4 L6 Niles Suction Valve 6-SSV-1 is CLOSED
1696	7/25/2010	3:04:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1697	7/25/2010	3:04:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1698	7/25/2010	3:04:59 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1699	7/25/2010	3:04:59 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1700	7/25/2010	3:05:08 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
1701	7/25/2010	3:05:08 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
1702	7/25/2010	3:05:13 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1703	7/25/2010	3:05:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1704	7/25/2010	3:05:52 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1705	7/25/2010	3:06:13 PM	S2	OPR S2 L6 Niles Man On Site alarm CLEARED
1706	7/25/2010	3:06:13 PM	S2	OPR S2 L6 Niles Man On Site alarm CLEARED
1707	7/25/2010	3:06:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1708	7/25/2010	3:06:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1709	7/25/2010	3:06:50 PM	S6	7..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR CLEARED
1710	7/25/2010	3:06:52 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1711	7/25/2010	3:06:59 PM	S6	4..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR CLEARED
1712	7/25/2010	3:07:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1713	7/25/2010	3:07:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1714	7/25/2010	3:07:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1715	7/25/2010	3:07:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1716	7/25/2010	3:08:08 PM	S7	OPR S7 L6 M.P. 532.74 Section Valve 532.74-6-V Communication Failure alarm CLEARED
1717	7/25/2010	3:08:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1718	7/25/2010	3:08:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1719	7/25/2010	3:08:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1720	7/25/2010	3:09:27 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1721	7/25/2010	3:09:52 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1722	7/25/2010	3:10:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1723	7/25/2010	3:10:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1724	7/25/2010	3:11:04 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1725	7/25/2010	3:11:04 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1726	7/25/2010	3:11:14 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
1727	7/25/2010	3:11:14 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
1728	7/25/2010	3:11:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1729	7/25/2010	3:11:45 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1730	7/25/2010	3:11:45 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1731	7/25/2010	3:11:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1732	7/25/2010	3:12:00 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
1733	7/25/2010	3:12:00 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
1734	7/25/2010	3:12:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1735	7/25/2010	3:12:27 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1736	7/25/2010	3:12:29 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1737	7/25/2010	3:12:29 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1738	7/25/2010	3:12:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1739	7/25/2010	3:12:52 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1740	7/25/2010	3:13:00 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
1741	7/25/2010	3:13:00 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
1742	7/25/2010	3:13:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1743	7/25/2010	3:13:14 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1744	7/25/2010	3:13:14 PM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
1745	7/25/2010	3:13:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1746	7/25/2010	3:13:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1747	7/25/2010	3:13:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1748	7/25/2010	3:14:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1749	7/25/2010	3:14:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1750	7/25/2010	3:14:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1751	7/25/2010	3:14:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1752	7/25/2010	3:15:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1753	7/25/2010	3:15:27 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1754	7/25/2010	3:15:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1755	7/25/2010	3:16:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1756	7/25/2010	3:16:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1757	7/25/2010	3:16:59 PM	S6	4..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR CLEARED
1758	7/25/2010	3:17:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1759	7/25/2010	3:18:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1760	7/25/2010	3:18:17 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1761	7/25/2010	3:18:27 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1762	7/25/2010	3:19:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1763	7/25/2010	3:19:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1764	7/25/2010	3:20:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1765	7/25/2010	3:20:27 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1766	7/25/2010	3:20:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1767	7/25/2010	3:20:53 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1768	7/25/2010	3:21:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1769	7/25/2010	3:21:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1770	7/25/2010	3:21:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1771	7/25/2010	3:21:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1772	7/25/2010	3:22:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1773	7/25/2010	3:22:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1774	7/25/2010	3:22:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1775	7/25/2010	3:22:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1776	7/25/2010	3:22:58 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1777	7/25/2010	3:23:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1778	7/25/2010	3:23:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1779	7/25/2010	3:23:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1780	7/25/2010	3:23:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1781	7/25/2010	3:24:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1782	7/25/2010	3:24:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1783	7/25/2010	3:24:44 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1784	7/25/2010	3:25:18 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1785	7/25/2010	3:25:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1786	7/25/2010	3:26:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1787	7/25/2010	3:26:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1788	7/25/2010	3:27:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1789	7/25/2010	3:27:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1790	7/25/2010	3:27:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1791	7/25/2010	3:28:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1792	7/25/2010	3:28:18 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1793	7/25/2010	3:28:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1794	7/25/2010	3:28:38 PM	S2	OPR S2 L6 Griffith Unit U-3 is no longer Hot
1795	7/25/2010	3:29:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1796	7/25/2010	3:29:18 PM	S2	OPR S2 L6 Griffith Unit U-2 is no longer Hot
1797	7/25/2010	3:29:29 PM	S2	OPR S2 L6 La Porte Unit U-1 is no longer Hot
1798	7/25/2010	3:29:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1799	7/25/2010	3:29:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1800	7/25/2010	3:30:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1801	7/25/2010	3:30:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1802	7/25/2010	3:30:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1803	7/25/2010	3:30:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1804	7/25/2010	3:30:48 PM	S2	OPR S2 L6 Niles Unit U-1 is no longer Hot
1805	7/25/2010	3:31:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1806	7/25/2010	3:31:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1807	7/25/2010	3:31:31 PM	S2	OPR S2 L6 Mendon Unit U-1 is no longer Hot
1808	7/25/2010	3:31:38 PM	S2	OPR S2 L6 Marshall Unit U-2 is no longer Hot
1809	7/25/2010	3:31:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1810	7/25/2010	3:32:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1811	7/25/2010	3:32:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1812	7/25/2010	3:32:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1813	7/25/2010	3:33:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1814	7/25/2010	3:33:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1815	7/25/2010	3:33:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1816	7/25/2010	3:33:59 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1817	7/25/2010	3:34:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1818	7/25/2010	3:34:33 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1819	7/25/2010	3:34:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1820	7/25/2010	3:35:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1821	7/25/2010	3:35:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1822	7/25/2010	3:35:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1823	7/25/2010	3:35:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1824	7/25/2010	3:36:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1825	7/25/2010	3:36:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1826	7/25/2010	3:36:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1827	7/25/2010	3:36:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1828	7/25/2010	3:37:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1829	7/25/2010	3:37:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1830	7/25/2010	3:37:44 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1831	7/25/2010	3:38:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1832	7/25/2010	3:38:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1833	7/25/2010	3:39:03 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1834	7/25/2010	3:39:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1835	7/25/2010	3:39:43 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1836	7/25/2010	3:39:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1837	7/25/2010	3:40:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



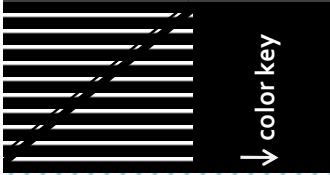
- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1838	7/25/2010	3:40:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1839	7/25/2010	3:41:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1840	7/25/2010	3:41:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1841	7/25/2010	3:41:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1842	7/25/2010	3:41:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1843	7/25/2010	3:42:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1844	7/25/2010	3:42:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1845	7/25/2010	3:42:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1846	7/25/2010	3:43:09 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1847	7/25/2010	3:43:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1848	7/25/2010	3:43:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1849	7/25/2010	3:44:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1850	7/25/2010	3:44:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1851	7/25/2010	3:45:09 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1852	7/25/2010	3:45:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1853	7/25/2010	3:45:59 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1854	7/25/2010	3:46:09 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1855	7/25/2010	3:46:24 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1856	7/25/2010	3:46:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1857	7/25/2010	3:46:55 PM		console5: line 6: Delavan to Delavan: drive discharge setpoint to pressure +20 psi
1858	7/25/2010	3:47:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1859	7/25/2010	3:47:20 PM		console5: line 6 Dundee: stop unit U-4 start unit U-3 delay 68 seconds
1860	7/25/2010	3:47:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1861	7/25/2010	3:47:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1862	7/25/2010	3:48:28 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1863	7/25/2010	3:48:44 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1864	7/25/2010	3:49:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1865	7/25/2010	3:49:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1866	7/25/2010	3:50:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1867	7/25/2010	3:50:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1868	7/25/2010	3:50:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1869	7/25/2010	3:50:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1870	7/25/2010	3:51:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1871	7/25/2010	3:51:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1872	7/25/2010	3:51:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1873	7/25/2010	3:52:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1874	7/25/2010	3:52:48 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1875	7/25/2010	3:53:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1876	7/25/2010	3:53:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1877	7/25/2010	3:53:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1878	7/25/2010	3:53:46 PM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
1879	7/25/2010	3:54:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1880	7/25/2010	3:54:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1881	7/25/2010	3:54:31 PM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
1882	7/25/2010	3:54:31 PM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
1883	7/25/2010	3:54:31 PM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



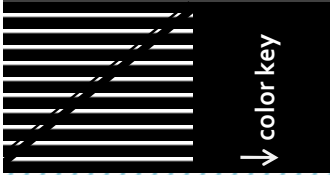
- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1884	7/25/2010	3:54:31 PM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
1885	7/25/2010	3:54:31 PM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
1886	7/25/2010	3:54:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1887	7/25/2010	3:54:59 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1888	7/25/2010	3:55:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1889	7/25/2010	3:55:29 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1890	7/25/2010	3:55:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1891	7/25/2010	3:56:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1892	7/25/2010	3:56:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1893	7/25/2010	3:56:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1894	7/25/2010	3:56:59 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1895	7/25/2010	3:57:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1896	7/25/2010	3:57:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1897	7/25/2010	3:57:40 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1898	7/25/2010	3:58:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1899	7/25/2010	3:58:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1900	7/25/2010	3:58:59 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1901	7/25/2010	3:59:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1902	7/25/2010	3:59:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1903	7/25/2010	3:59:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1904	7/25/2010	4:00:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1905	7/25/2010	4:00:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1906	7/25/2010	4:01:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1907	7/25/2010	4:01:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1908	7/25/2010	4:01:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1909	7/25/2010	4:01:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1910	7/25/2010	4:02:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1911	7/25/2010	4:02:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1912	7/25/2010	4:02:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1913	7/25/2010	4:02:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1914	7/25/2010	4:02:54 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1915	7/25/2010	4:03:01 PM		console5: line 6: Crystal Lake to Crystal Lake: drive suction setpoint to pressure -20 psi
1916	7/25/2010	4:03:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1917	7/25/2010	4:03:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1918	7/25/2010	4:03:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1919	7/25/2010	4:03:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1920	7/25/2010	4:04:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1921	7/25/2010	4:04:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1922	7/25/2010	4:05:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1923	7/25/2010	4:05:22 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1924	7/25/2010	4:06:04 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1925	7/25/2010	4:06:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1926	7/25/2010	4:06:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1927	7/25/2010	4:06:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1928	7/25/2010	4:07:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1929	7/25/2010	4:07:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1930	7/25/2010	4:08:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1931	7/25/2010	4:08:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1932	7/25/2010	4:08:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1933	7/25/2010	4:09:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1934	7/25/2010	4:09:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1935	7/25/2010	4:09:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1936	7/25/2010	4:09:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1937	7/25/2010	4:09:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1938	7/25/2010	4:10:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1939	7/25/2010	4:10:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1940	7/25/2010	4:11:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1941	7/25/2010	4:11:37 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1942	7/25/2010	4:12:14 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1943	7/25/2010	4:12:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1944	7/25/2010	4:12:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1945	7/25/2010	4:12:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1946	7/25/2010	4:12:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1947	7/25/2010	4:13:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1948	7/25/2010	4:13:34 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1949	7/25/2010	4:14:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1950	7/25/2010	4:14:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1951	7/25/2010	4:14:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1952	7/25/2010	4:15:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1953	7/25/2010	4:15:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1954	7/25/2010	4:15:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1955	7/25/2010	4:15:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1956	7/25/2010	4:16:19 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1957	7/25/2010	4:16:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1958	7/25/2010	4:16:50 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1959	7/25/2010	4:17:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1960	7/25/2010	4:17:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1961	7/25/2010	4:17:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1962	7/25/2010	4:17:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1963	7/25/2010	4:18:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1964	7/25/2010	4:18:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1965	7/25/2010	4:18:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1966	7/25/2010	4:19:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1967	7/25/2010	4:19:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1968	7/25/2010	4:19:50 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1969	7/25/2010	4:20:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1970	7/25/2010	4:20:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1971	7/25/2010	4:20:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1972	7/25/2010	4:20:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1973	7/25/2010	4:21:08 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1974	7/25/2010	4:21:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1975	7/25/2010	4:21:44 PM		console5: line 6: Stone Lake to Stone Lake: drive discharge setpoint to pressure +50 psi

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1976	7/25/2010	4:21:46 PM		console5: line 6: Ladysmith to Ladysmith: drive discharge setpoint to pressure +50 psi
1977	7/25/2010	4:21:50 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1978	7/25/2010	4:22:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1979	7/25/2010	4:22:30 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1980	7/25/2010	4:22:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1981	7/25/2010	4:23:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1982	7/25/2010	4:23:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1983	7/25/2010	4:24:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1984	7/25/2010	4:24:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1985	7/25/2010	4:25:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1986	7/25/2010	4:25:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1987	7/25/2010	4:26:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1988	7/25/2010	4:26:27 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1989	7/25/2010	4:26:38 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1990	7/25/2010	4:26:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1991	7/25/2010	4:27:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1992	7/25/2010	4:28:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1993	7/25/2010	4:28:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1994	7/25/2010	4:28:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1995	7/25/2010	4:29:23 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1996	7/25/2010	4:29:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1997	7/25/2010	4:29:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1998	7/25/2010	4:30:27 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
1999	7/25/2010	4:31:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2000	7/25/2010	4:31:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2001	7/25/2010	4:31:42 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2002	7/25/2010	4:32:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2003	7/25/2010	4:32:57 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2004	7/25/2010	4:33:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2005	7/25/2010	4:33:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2006	7/25/2010	4:33:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2007	7/25/2010	4:34:02 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2008	7/25/2010	4:34:50 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2009	7/25/2010	4:35:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2010	7/25/2010	4:35:47 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2011	7/25/2010	4:36:07 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2012	7/25/2010	4:36:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2013	7/25/2010	4:36:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2014	7/25/2010	4:37:00 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2015	7/25/2010	4:38:00 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2016	7/25/2010	4:38:09 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2017	7/25/2010	4:38:15 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2018	7/25/2010	4:38:49 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2019	7/25/2010	4:38:55 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2020	7/25/2010	4:39:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2021	7/25/2010	4:39:29 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
2022	7/25/2010	4:39:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2023	7/25/2010	4:39:55 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2024	7/25/2010	4:40:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2025	7/25/2010	4:40:55 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2026	7/25/2010	4:41:11 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2027	7/25/2010	4:41:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2028	7/25/2010	4:42:00 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2029	7/25/2010	4:42:30 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2030	7/25/2010	4:43:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2031	7/25/2010	4:43:14 PM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
2032	7/25/2010	4:43:25 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2033	7/25/2010	4:43:39 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2034	7/25/2010	4:43:44 PM		console5: line 6: Ladysmith to Ladysmith: drive discharge setpoint to pressure -30 psi
2035	7/25/2010	4:43:48 PM		console5: line 6: Stone Lake to Stone Lake: drive discharge setpoint to pressure -20 psi
2036	7/25/2010	4:43:54 PM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
2037	7/25/2010	4:43:59 PM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
2038	7/25/2010	4:43:59 PM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
2039	7/25/2010	4:43:59 PM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
2040	7/25/2010	4:43:59 PM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
2041	7/25/2010	4:51:53 PM		console5: line 6: Ladysmith to Ladysmith: drive discharge setpoint to pressure +50 psi
2042	7/25/2010	4:55:31 PM	S4	OPR S4 L6 Stockbridge Tank 81above working max CLEARED
2043	7/25/2010	5:00:23 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2044	7/25/2010	5:16:06 PM		console5: line 6: Stone Lake to Stone Lake: drive discharge setpoint to pressure +50 psi
2045	7/25/2010	5:16:50 PM		console5: line 6: Stone Lake to Stone Lake: drive discharge setpoint to pressure +50 psi
2046	7/25/2010	5:21:18 PM		console5: line 6: Ladysmith to Ladysmith: drive discharge setpoint to pressure +50 psi
2047	7/25/2010	5:31:50 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2048	7/25/2010	5:34:18 PM	S4	OPR S4 L6 Griffith Low Suction Pressure
2049	7/25/2010	5:47:02 PM	S4	OPR S4 L6 Mokena Discharge pressure transmitter disparity alarm
2050	7/25/2010	5:48:07 PM	S4	OPR S4 L6 Mokena Discharge pressure transmitter disparity alarm CLEARED
2051	7/25/2010	5:48:25 PM	S4	OPR S4 L6 Mokena Discharge pressure transmitter disparity alarm
2052	7/25/2010	5:49:29 PM	S4	OPR S4 L6 Mokena Discharge pressure transmitter disparity alarm CLEARED
2053	7/25/2010	5:50:02 PM	S4	OPR S4 L6 Mokena Discharge pressure transmitter disparity alarm
2054	7/25/2010	5:50:55 PM	S4	OPR S4 L6 Mokena Discharge pressure transmitter disparity alarm CLEARED
2055	7/25/2010	5:58:40 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2056	7/25/2010	6:12:15 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2057	7/25/2010	6:20:17 PM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
2058	7/25/2010	6:20:46 PM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
2059	7/25/2010	6:20:46 PM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
2060	7/25/2010	6:20:46 PM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
2061	7/25/2010	6:20:46 PM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
2062	7/25/2010	6:20:46 PM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
2063	7/25/2010	6:28:49 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2064	7/25/2010	6:43:11 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2065	7/25/2010	6:47:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2066	7/25/2010	6:47:45 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2067	7/25/2010	6:48:05 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



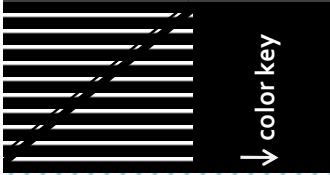
- = lpm: resumed normal
- = Console5
- = s4
- = s6
- = s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
2068	7/25/2010	6:49:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2069	7/25/2010	6:50:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2070	7/25/2010	6:50:10 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2071	7/25/2010	6:50:21 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2072	7/25/2010	6:50:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2073	7/25/2010	6:51:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2074	7/25/2010	6:52:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2075	7/25/2010	6:52:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2076	7/25/2010	6:52:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2077	7/25/2010	6:52:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2078	7/25/2010	6:53:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2079	7/25/2010	6:53:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2080	7/25/2010	6:54:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2081	7/25/2010	6:54:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2082	7/25/2010	6:54:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2083	7/25/2010	6:55:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2084	7/25/2010	6:55:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2085	7/25/2010	6:55:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2086	7/25/2010	6:56:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2087	7/25/2010	6:56:26 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2088	7/25/2010	6:56:36 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2089	7/25/2010	6:56:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2090	7/25/2010	6:57:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2091	7/25/2010	6:57:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2092	7/25/2010	6:58:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2093	7/25/2010	6:58:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2094	7/25/2010	6:58:51 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2095	7/25/2010	6:59:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2096	7/25/2010	6:59:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2097	7/25/2010	7:00:01 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2098	7/25/2010	7:00:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2099	7/25/2010	7:00:46 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2100	7/25/2010	7:01:11 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2101	7/25/2010	7:01:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2102	7/25/2010	7:01:56 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2103	7/25/2010	7:02:16 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2104	7/25/2010	7:02:31 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2105	7/25/2010	7:02:41 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2106	7/25/2010	7:03:06 PM	S2	OPR S2 L6 East Superior VFD Unit Maximum RPM alarm CLEARED
2107	7/25/2010	7:04:27 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2108	7/25/2010	7:11:58 PM		console5: line 6: Crystal Lake to Crystal Lake: drive suction setpoint to pressure -20 psi
2109	7/25/2010	7:21:47 PM		console5: line 6 Ladysmith: drive suction setpoint to 50
2110	7/25/2010	7:44:52 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2111	7/25/2010	8:07:15 PM		console5: line 6 Delavan: drive suction setpoint to 60
2112	7/25/2010	8:12:59 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2113	7/25/2010	8:23:51 PM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring

ENBRIDGE LINE 6B / EDMONTON CONTROL CENTER ALARMS & CCO COMMANDS

JULY 25TH 2010



- = **lpm: resumed normal**
- = **Console5**
- = **s4**
- = **s6**
- = **s7**



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
2114	7/25/2010	8:24:34 PM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
2115	7/25/2010	8:24:34 PM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
2116	7/25/2010	8:24:34 PM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
2117	7/25/2010	8:24:34 PM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
2118	7/25/2010	8:24:39 PM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
2119	7/25/2010	8:31:49 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2120	7/25/2010	8:33:36 PM	S7	OPR S7 L6 M.P. 533.21 Section Valve 533.21-6-V Communication Failure alarm CLEARED
2121	7/25/2010	8:39:24 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2122	7/25/2010	9:01:41 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2123	7/25/2010	9:13:22 PM	S4	OPR S4 L6 La Porte Low Suction Pressure
2124	7/25/2010	9:18:01 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2125	7/25/2010	9:42:28 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2126	7/25/2010	9:45:32 PM		console5: line 6 La Porte: drive suction setpoint to 100
2127	7/25/2010	9:45:37 PM		console5: line 6 Niles: drive suction setpoint to 75
2128	7/25/2010	9:45:43 PM		console5: line 6 Mendon: drive suction setpoint to 100
2129	7/25/2010	9:45:51 PM		console5: line 6 Marshall: drive suction setpoint to 100
2130	7/25/2010	9:46:59 PM		console5: line 6 Griffith: drive discharge setpoint to 341
2131	7/25/2010	9:47:21 PM		console5: line 6 Niles: drive discharge setpoint to 464
2132	7/25/2010	9:47:32 PM		console5: line 6 Marshall: drive discharge setpoint to 423
2133	7/25/2010	9:47:42 PM		console5: line 6 Stockbridge: drive discharge setpoint to 436
2134	7/25/2010	9:51:32 PM		console5: line 6 Howell: drive suction setpoint to 75
2135	7/25/2010	9:59:14 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2136	7/25/2010	10:32:24 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2137	7/25/2010	10:35:18 PM	S7	OPR S7 L6 M.P. 532.74 Section Valve 532.74-6-V Communication Failure alarm CLEARED
2138	7/25/2010	11:01:29 PM	S7	OPR S7 L6 M.P. 533.21 Section Valve 533.21-6-V Communication Failure alarm CLEARED
2139	7/25/2010	11:02:41 PM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
2140	7/25/2010	11:03:27 PM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
2141	7/25/2010	11:03:27 PM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
2142	7/25/2010	11:03:27 PM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
2143	7/25/2010	11:03:27 PM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
2144	7/25/2010	11:03:27 PM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED