

Enbridge Line 6B release

Marshall, Michigan, July 25, 2010

DCA10MP007

Information Request 333 Line 6B console SCADA alarms and pipeline operator commands – July 26, 2010

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

JULY 26TH 2010



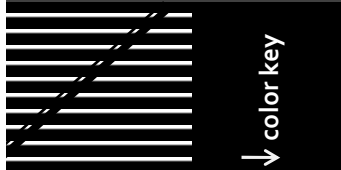
=	lpm: resumed normal
=	Console5
=	s4
=	s6
=	s7



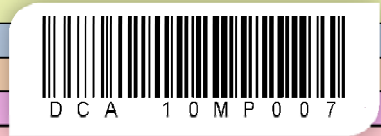
Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
1	7/26/2010	12:10:12 AM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
2	7/26/2010	12:16:01 AM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
3	7/26/2010	12:22:57 AM	S7	OPR S7 L6 M.P. 533.21 Section Valve 533.21-6-V Communication Failure alarm CLEARED
4	7/26/2010	12:24:48 AM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
5	7/26/2010	12:25:16 AM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
6	7/26/2010	12:25:16 AM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
7	7/26/2010	12:25:16 AM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
8	7/26/2010	12:25:16 AM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
9	7/26/2010	12:25:16 AM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
10	7/26/2010	12:44:58 AM	S4	OPR S4 L6 Griffith Injection Valve 6-SSV-3(75) is in Travel OPEN
11	7/26/2010	12:46:37 AM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
12	7/26/2010	12:47:39 AM	S4	OPR S4 L6 Griffith Injection Valve 6-SSV-3(75) is OPEN
13	7/26/2010	12:50:21 AM	S7	OPR S7 L6 M.P. 533.21 Section Valve 533.21-6-V Communication Failure alarm CLEARED
14	7/26/2010	1:00:40 AM		console5: line 6 Stockbridge: open valve 650.64-6-V
15	7/26/2010	1:00:43 AM	S4	OPR S4 L6 Marysville Delivery Valve 152-DELV-1 is in Travel OPEN
16	7/26/2010	1:00:47 AM	S4	OPR S4 L6 Stockbridge Block Valve 650.64-6-V is in Travel OPEN
17	7/26/2010	1:00:52 AM	S4	OPR S4 L6 Stockbridge Low Suction Pressure alarm CLEARED
18	7/26/2010	1:00:52 AM	S4	OPR S4 L6 Stockbridge Low Suction Pressure alarm CLEARED
19	7/26/2010	1:01:00 AM	S4	OPR S4 L6 Stockbridge Suction pressure transmitter disparity alarm CLEARED
20	7/26/2010	1:01:00 AM	S4	OPR S4 L6 Stockbridge Suction pressure transmitter disparity alarm CLEARED
21	7/26/2010	1:01:13 AM	S4	OPR S4 L6 Mendon Discharge pressure transmitter disparity alarm CLEARED
22	7/26/2010	1:01:13 AM	S4	OPR S4 L6 Mendon Discharge pressure transmitter disparity alarm CLEARED
23	7/26/2010	1:02:51 AM	S7	OPR S7 L6 M.P. 532.74 Section Valve 532.74-6-V Communication Failure alarm CLEARED
24	7/26/2010	1:03:03 AM	S4	OPR S4 L6 Marysville Delivery Valve 152-DELV-1 is OPEN
25	7/26/2010	1:03:04 AM		console5: line 6: drive line to commout limits from Mendon to Marshall
26	7/26/2010	1:03:04 AM		console5: line 6: drive line to commout limits from Mendon to Marshall
27	7/26/2010	1:03:08 AM	S2	OPR S2 L6 Marshall Commout Limits Enabled
28	7/26/2010	1:03:08 AM	S2	OPR S2 L6 Marshall Commout Limits Enabled
29	7/26/2010	1:03:12 AM	S2	OPR S2 L6 Mendon Commout Limits Enabled
30	7/26/2010	1:03:12 AM	S2	OPR S2 L6 Mendon Commout Limits Enabled
31	7/26/2010	1:03:12 AM	S4	OPR S4 L6 Stockbridge Block Valve 650.64-6-V is OPEN
32	7/26/2010	1:03:38 AM		console5: line 6 Stockbridge: drive suction setpoint to 100
33	7/26/2010	1:04:40 AM	S4	OPR S4 L6 Griffith Low Suction Pressure alarm CLEARED
34	7/26/2010	1:04:40 AM	S4	OPR S4 L6 Griffith Low Suction Pressure alarm CLEARED
35	7/26/2010	1:04:47 AM		console5: line 6 Griffith: start unit U-2
36	7/26/2010	1:04:55 AM	S4	OPR S4 L6 Griffith Unit U-2 is in sequence ON
37	7/26/2010	1:05:29 AM		console5: line 6 La Porte: drive discharge setpoint to 298
38	7/26/2010	1:05:38 AM	S4	OPR S4 L6 La Porte Low Suction Pressure alarm CLEARED
39	7/26/2010	1:06:02 AM	S2	DRV S2 L6 West Sarnia LPM: Resumed normal operating condition
40	7/26/2010	1:06:32 AM		console5: line 6 Mendon: drive suction setpoint to 75
41	7/26/2010	1:06:38 AM		console5: line 6 La Porte: drive suction setpoint to 75
42	7/26/2010	1:06:54 AM		console5: line 6 La Porte: start unit U-1
43	7/26/2010	1:07:00 AM	S4	OPR S4 L6 La Porte Unit U-1 is in sequence ON
44	7/26/2010	1:07:11 AM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
45	7/26/2010	1:07:11 AM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
46	7/26/2010	1:07:50 AM	S2	OPR S2 L6 Griffith Unit U-2 is ON

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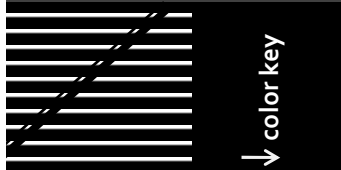
==	lpm: resumed normal
==	Console5
==	s4
==	s6
==	s7



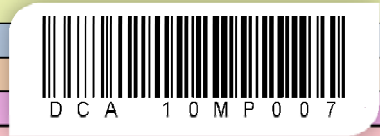
Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
47	7/26/2010	1:07:52 AM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
48	7/26/2010	1:07:52 AM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
49	7/26/2010	1:07:54 AM	S2	DRV S2 L6 West Sarnia LPM0: Holding > SRW by 3 psi. Discharge < Inforce line is safe
50	7/26/2010	1:07:54 AM		system : line 6 Howell: drive discharge setpoint to 143
51	7/26/2010	1:07:54 AM	S6	DRV S6 L6 West Sarnia LPM*: Drove Disc SetPt from 144 to Inforce 143 psi at Howell
52	7/26/2010	1:07:54 AM	S6	DRV S6 L6 West Sarnia LPM*: Drove Disc SetPt from 144 to Inforce 143 psi at Howell
53	7/26/2010	1:08:34 AM	S2	DRV S2 L6 West Sarnia LPM: Resumed normal operating condition
54	7/26/2010	1:08:46 AM		console5: line 6 La Porte: drive discharge setpoint to 348
55	7/26/2010	1:09:02 AM		console5: line 6 La Porte: drive suction setpoint to 60
56	7/26/2010	1:09:08 AM		console5: line 6 Griffith: drive discharge setpoint to 391
57	7/26/2010	1:09:24 AM		console5: line 6 La Porte: drive discharge setpoint to 398
58	7/26/2010	1:09:33 AM		console5: line 6 Griffith: drive discharge setpoint to 441
59	7/26/2010	1:09:34 AM	S2	OPR S2 L6 La Porte Unit U-1 is ON
60	7/26/2010	1:10:07 AM		console5: line 6 Griffith: start unit U-3
61	7/26/2010	1:10:10 AM	S4	OPR S4 L6 Griffith Unit U-3 is in sequence ON
62	7/26/2010	1:11:15 AM		console5: line 6 La Porte: drive discharge setpoint to 448
63	7/26/2010	1:11:51 AM		console5: line 6 Mendon: start unit U-4
64	7/26/2010	1:11:53 AM	S4	OPR S4 L6 Mendon Unit U-4 is in sequence ON
65	7/26/2010	1:12:11 AM	S6	5..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR OCCURRED
66	7/26/2010	1:12:14 AM		console5: line 6 Howell: drive discharge setpoint to 373
67	7/26/2010	1:13:04 AM		console5: line 6 Mendon: drive suction setpoint to 60
68	7/26/2010	1:13:21 AM	S2	OPR S2 L6 Griffith Unit U-3 is ON
69	7/26/2010	1:13:47 AM	S7	OPR S7 L6 M.P. 533.21 Section Valve 533.21-6-V Communication Failure alarm CLEARED
70	7/26/2010	1:13:52 AM		console5: line 6 Griffith: drive discharge setpoint to 471
71	7/26/2010	1:14:36 AM		console5: line 6 La Porte: drive discharge setpoint to 508
72	7/26/2010	1:14:47 AM		console5: line 6 La Porte: drive discharge setpoint to 498
73	7/26/2010	1:14:52 AM		console5: line 6 Griffith: drive discharge setpoint to 491
74	7/26/2010	1:14:53 AM	S2	OPR S2 L6 Mendon Unit U-4 is ON
75	7/26/2010	1:16:01 AM		console5: line 6 La Porte: drive discharge setpoint to 548
76	7/26/2010	1:16:44 AM	S6	0..MBS S6 Line 6 Alarms 20 Minute ALARM in section GT->MR OCCURRED
77	7/26/2010	1:17:06 AM		console5: line 6 Griffith: drive discharge setpoint to 511
78	7/26/2010	1:20:15 AM	S2	DRV S2 L6 Marshall LPM: Resumed normal operating condition
79	7/26/2010	1:22:11 AM	S6	5..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR Exceeded 10 minute limit
80	7/26/2010	1:24:35 AM		console5: line 6 Mendon: start unit U-1
81	7/26/2010	1:24:43 AM	S4	OPR S4 L6 Mendon Unit U-1 is in sequence ON
82	7/26/2010	1:25:20 AM	S2	DRV S2 L6 West Sarnia LPM0: Holding > SRW by 2 psi. Discharge < Inforce line is safe
83	7/26/2010	1:25:20 AM		system : line 6 Howell: drive discharge setpoint to 144
84	7/26/2010	1:25:20 AM	S6	DRV S6 L6 West Sarnia LPM*: Drove Disc SetPt from 373 to Inforce 144 psi at Howell
85	7/26/2010	1:25:20 AM	S6	DRV S6 L6 West Sarnia LPM*: Drove Disc SetPt from 373 to Inforce 144 psi at Howell
86	7/26/2010	1:25:30 AM		console5: line 6 Mendon: stop unit U-4
87	7/26/2010	1:25:38 AM	S4	OPR S4 L6 Mendon Unit U-4 is in sequence OFF
88	7/26/2010	1:25:44 AM	S4	OPR S4 L6 Mendon Low Suction Pressure
89	7/26/2010	1:25:49 AM	S4	OPR S4 L6 Mendon Low Suction Pressure alarm CLEARED
90	7/26/2010	1:25:49 AM	S4	OPR S4 L6 Mendon Low Suction Pressure alarm CLEARED
91	7/26/2010	1:26:10 AM		console5: line 6 Griffith: drive discharge setpoint to 411
92	7/26/2010	1:26:14 AM		console5: line 6 Mendon: stop unit U-1

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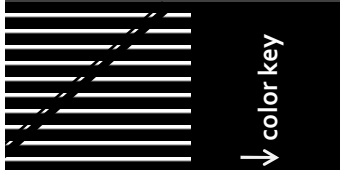
==	lpm: resumed normal
==	Console5
==	s4
==	s6
==	s7



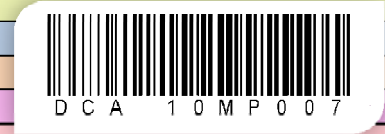
Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
93	7/26/2010	1:26:30 AM		console5: line 6 La Porte: drive discharge setpoint to 478
94	7/26/2010	1:26:32 AM		console5: line 6 Griffith: stop unit U-3
95	7/26/2010	1:26:35 AM	S4	OPR S4 L6 Griffith Unit U-3 is in sequence OFF
96	7/26/2010	1:26:35 AM	S2	DRV S2 L6 West Sarnia LPM: Resumed normal operating condition
97	7/26/2010	1:26:44 AM	S6	0..MBS S6 Line 6 Alarms 20 Minute ALARM in section GT->MR Exceeded 10 minute limit
98	7/26/2010	1:26:54 AM	S6	9..MBS S6 Line 6 Alarms 20 Minute ALARM in section MR->RW OCCURRED
99	7/26/2010	1:26:54 AM	S6	9..MBS S6 Line 6 Alarms 5 Minute ALARM in section MR->RW OCCURRED
100	7/26/2010	1:26:59 AM	S2	OPR S2 L6 Mendon Unit U-1 is now OFF (Hot Unit)
101	7/26/2010	1:26:59 AM	S4	OPR S4 L6 Mendon Unit U-1 is now OFF (Hot Unit)
102	7/26/2010	1:27:04 AM		console5: line 6 Mendon: start unit U-1
103	7/26/2010	1:27:12 AM	S4	OPR S4 L6 Mendon Unit U-1 is in sequence ON
104	7/26/2010	1:27:13 AM		console5: line 6 Mendon: drive suction setpoint to 75
105	7/26/2010	1:28:34 AM	S2	OPR S2 L6 Mendon Unit U-4 is now OFF (Hot Unit)
106	7/26/2010	1:28:51 AM		console5: line 6 Mendon: drive suction setpoint to 60
107	7/26/2010	1:29:06 AM		console5: line 6 La Porte: drive discharge setpoint to 548
108	7/26/2010	1:29:26 AM	S2	DRV S2 L6 West Sarnia LPM0: Holding > SRW by 3 psi. Discharge < Inforce line is safe
109	7/26/2010	1:29:26 AM		system : line 6 Howell: drive discharge setpoint to 143
110	7/26/2010	1:29:26 AM	S6	DRV S6 L6 West Sarnia LPM*: Drove Disc SetPt from 144 to Inforce 143 psi at Howell
111	7/26/2010	1:29:26 AM	S6	DRV S6 L6 West Sarnia LPM*: Drove Disc SetPt from 144 to Inforce 143 psi at Howell
112	7/26/2010	1:29:43 AM	S2	DRV S2 L6 West Sarnia LPM: Resumed normal operating condition
113	7/26/2010	1:29:46 AM	S2	DRV S2 L6 West Sarnia LPM0: Holding > SRW by 4 psi. Discharge < Inforce line is safe
114	7/26/2010	1:29:46 AM		system : line 6 Howell: drive discharge setpoint to 142
115	7/26/2010	1:29:46 AM	S6	DRV S6 L6 West Sarnia LPM*: Drove Disc SetPt from 143 to Inforce 142 psi at Howell
116	7/26/2010	1:29:46 AM	S6	DRV S6 L6 West Sarnia LPM*: Drove Disc SetPt from 143 to Inforce 142 psi at Howell
117	7/26/2010	1:29:46 AM	S2	OPR S2 L6 Griffith Unit U-3 is now OFF (Hot Unit)
118	7/26/2010	1:29:51 AM	S2	DRV S2 L6 West Sarnia LPM: Resumed normal operating condition
119	7/26/2010	1:30:09 AM	S2	OPR S2 L6 Mendon Unit U-1 is ON
120	7/26/2010	1:30:50 AM		console5: line 6 Griffith: start unit U-3
121	7/26/2010	1:30:58 AM		console5: line 6 Griffith: drive discharge setpoint to 471
122	7/26/2010	1:31:00 AM	S4	OPR S4 L6 Griffith Unit U-3 is in sequence ON
123	7/26/2010	1:31:20 AM		console5: line 6 Mendon: drive suction setpoint to 50
124	7/26/2010	1:31:28 AM	S6	9..MBS S6 Line 6 Alarms 2 Hour ALARM in section GT->MR OCCURRED
125	7/26/2010	1:34:02 AM	S2	OPR S2 L6 Griffith Unit U-3 is ON
126	7/26/2010	1:34:08 AM	S7	OPR S7 L6 M.P. 532.74 Section Valve 532.74-6-V Communication Failure alarm CLEARED
127	7/26/2010	1:36:53 AM		console5: line 6 Griffith: drive discharge setpoint to 511
128	7/26/2010	1:36:54 AM	S6	9..MBS S6 Line 6 Alarms 20 Minute ALARM in section MR->RW Exceeded 10 minute limit
129	7/26/2010	1:36:54 AM	S6	9..MBS S6 Line 6 Alarms 5 Minute ALARM in section MR->RW Exceeded 10 minute limit
130	7/26/2010	1:41:28 AM	S6	9..MBS S6 Line 6 Alarms 2 Hour ALARM in section GT->MR Exceeded 10 minute limit
131	7/26/2010	1:41:36 AM	S2	DRV S2 L6 West Sarnia LPM0: Holding > SRW by 6 psi. Discharge < Inforce line is safe
132	7/26/2010	1:41:36 AM		system : line 6 Howell: drive discharge setpoint to 141
133	7/26/2010	1:41:36 AM	S6	DRV S6 L6 West Sarnia LPM*: Drove Disc SetPt from 142 to Inforce 141 psi at Howell
134	7/26/2010	1:41:36 AM	S6	DRV S6 L6 West Sarnia LPM*: Drove Disc SetPt from 142 to Inforce 141 psi at Howell
135	7/26/2010	1:41:44 AM	S2	DRV S2 L6 West Sarnia LPM: Resumed normal operating condition
136	7/26/2010	1:42:18 AM		console5: line 6 Mendon: drive suction setpoint to 45
137	7/26/2010	1:47:07 AM	S6	3..MBS S6 Line 6 Alarms 2 Hour ALARM in section MR->RW OCCURRED
138	7/26/2010	1:57:07 AM	S6	3..MBS S6 Line 6 Alarms 2 Hour ALARM in section MR->RW Exceeded 10 minute limit

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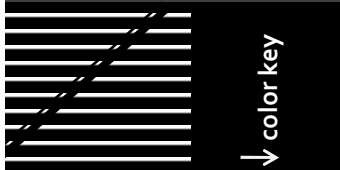
≡	lpm: resumed normal
≡	Console5
≡	s4
≡	s6
≡	s7



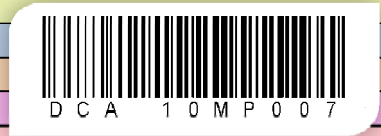
Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
139	7/26/2010	1:58:34 AM	S2	OPR S2 L6 Mendon Unit U-4 is no longer Hot
140	7/26/2010	2:00:20 AM		console5: line 6 Griffith: stop unit U-3
141	7/26/2010	2:00:23 AM	S4	OPR S4 L6 Griffith Unit U-3 is in sequence OFF
142	7/26/2010	2:00:48 AM		console5: line 6 Griffith: stop unit U-2
143	7/26/2010	2:00:56 AM	S4	OPR S4 L6 Griffith Unit U-2 is in sequence OFF
144	7/26/2010	2:02:02 AM		console5: line 6 La Porte: stop unit U-1
145	7/26/2010	2:02:05 AM	S4	OPR S4 L6 La Porte Unit U-1 is in sequence OFF
146	7/26/2010	2:02:58 AM		console5: line 6 Mendon: stop unit U-1
147	7/26/2010	2:03:01 AM	S4	OPR S4 L6 Mendon Unit U-1 is in sequence OFF
148	7/26/2010	2:03:16 AM		system : line 6: stop line from Griffith to Mendon
149	7/26/2010	2:03:16 AM		system : line 6: stop line from Griffith to Mendon
150	7/26/2010	2:03:33 AM	S2	OPR S2 L6 Griffith Unit U-3 is now OFF (Hot Unit)
151	7/26/2010	2:03:33 AM		console5: line 6 Stockbridge: close valve 650.64-6-V
152	7/26/2010	2:03:40 AM	S4	OPR S4 L6 Stockbridge Block Valve 650.64-6-V is in Travel CLOSED
153	7/26/2010	2:03:48 AM	S2	OPR S2 L6 Griffith Unit U-2 is now OFF (Hot Unit)
154	7/26/2010	2:04:23 AM	S6	DRV S6 L6 Marshall LPM?: Invalid pressure(s) - LPM may not be able to detect overpressure
155	7/26/2010	2:04:24 AM	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
156	7/26/2010	2:04:24 AM	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
157	7/26/2010	2:04:24 AM		system : line 6: stop line from Griffith to Mendon
158	7/26/2010	2:04:24 AM		system : line 6: stop line from Griffith to Mendon
159	7/26/2010	2:04:43 AM	S2	DRV S2 L6 Marshall LPM: Resumed normal operating condition
160	7/26/2010	2:04:47 AM	S2	OPR S2 L6 La Porte Unit U-1 is now OFF (Hot Unit)
161	7/26/2010	2:04:53 AM	S6	DRV S6 L6 Marshall LPM?: Invalid pressure(s) - LPM may not be able to detect overpressure
162	7/26/2010	2:05:51 AM	S4	OPR S4 L6 Mendon Discharge pressure transmitter disparity alarm
163	7/26/2010	2:05:51 AM	S4	OPR S4 L6 Mendon Discharge pressure transmitter disparity alarm
164	7/26/2010	2:05:59 AM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
165	7/26/2010	2:05:59 AM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
166	7/26/2010	2:06:06 AM	S4	OPR S4 L6 Stockbridge Block Valve 650.64-6-V is CLOSED
167	7/26/2010	2:06:07 AM	S2	OPR S2 L6 Mendon Unit U-1 is now OFF (Hot Unit)
168	7/26/2010	2:06:15 AM		system : line 6: stop line from Griffith to Mendon
169	7/26/2010	2:06:15 AM	S7	OPR S7 L6 M.P. 576.93 STOPPING LINE from Griffith to Mendon - Sect Valve 576.93-6-V Closed
170	7/26/2010	2:06:15 AM		system : line 6: stop line from Griffith to Mendon
171	7/26/2010	2:06:15 AM	S7	OPR S7 L6 M.P. 576.93 STOPPING LINE from Griffith to Mendon - Sect Valve 576.93-6-V Closed
172	7/26/2010	2:06:52 AM	S4	OPR S4 L6 Marysville Delivery Valve 152-DELV-1 is in Travel CLOSED
173	7/26/2010	2:07:07 AM	S4	OPR S4 L6 Stockbridge Suction pressure transmitter disparity alarm
174	7/26/2010	2:07:07 AM	S4	OPR S4 L6 Stockbridge Suction pressure transmitter disparity alarm
175	7/26/2010	2:07:08 AM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
176	7/26/2010	2:07:08 AM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
177	7/26/2010	2:07:35 AM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
178	7/26/2010	2:08:18 AM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
179	7/26/2010	2:08:18 AM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
180	7/26/2010	2:08:18 AM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
181	7/26/2010	2:08:18 AM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED

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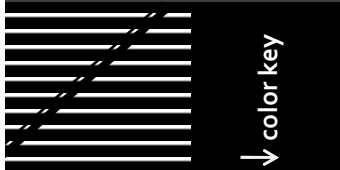
==	lpm: resumed normal
==	Console5
==	s4
==	s6
==	s7



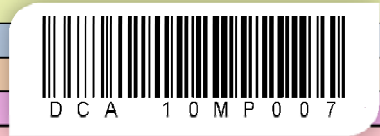
Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
182	7/26/2010	2:08:18 AM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
183	7/26/2010	2:08:51 AM	S6	2..MBS S6 Line 6 Alarms 5 Minute ALARM in section MR->RW CLEARED
184	7/26/2010	2:08:54 AM	S6	5..MBS S6 Line 6 Alarms 5 Minute ALARM in section MR->RW CLEARED
185	7/26/2010	2:09:12 AM	S4	OPR S4 L6 Marysville Delivery Valve 152-DELV-1 is CLOSED
186	7/26/2010	2:10:50 AM	S6	6..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR CLEARED
187	7/26/2010	2:10:55 AM	S6	0..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR CLEARED
188	7/26/2010	2:11:10 AM	S4	OPR S4 L6 Stockbridge Low Suction Pressure
189	7/26/2010	2:11:23 AM	S7	OPR S7 L6 M.P. 533.21 Section Valve 533.21-6-V Communication Failure alarm CLEARED
190	7/26/2010	2:18:54 AM	S6	5..MBS S6 Line 6 Alarms 5 Minute ALARM in section MR->RW CLEARED
191	7/26/2010	2:19:34 AM	S7	OPR S7 L6 M.P. 533.21 Section Valve 533.21-6-V Communication Failure alarm CLEARED
192	7/26/2010	2:20:55 AM	S6	0..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR CLEARED
193	7/26/2010	2:21:58 AM	S6	3..MBS S6 Line 6 Alarms 20 Minute ALARM in section MR->RW CLEARED
194	7/26/2010	2:22:03 AM	S6	8..MBS S6 Line 6 Alarms 20 Minute ALARM in section MR->RW CLEARED
195	7/26/2010	2:22:15 AM	S7	OPR S7 L6 M.P. 532.74 Section Valve 532.74-6-V Communication Failure alarm CLEARED
196	7/26/2010	2:26:57 AM	S6	9..MBS S6 Line 6 Alarms 20 Minute ALARM in section GT->MR CLEARED
197	7/26/2010	2:27:05 AM	S6	5..MBS S6 Line 6 Alarms 20 Minute ALARM in section GT->MR CLEARED
198	7/26/2010	2:31:50 AM	S7	OPR S7 L6 M.P. 533.21 Section Valve 533.21-6-V Communication Failure alarm CLEARED
199	7/26/2010	2:32:03 AM	S6	8..MBS S6 Line 6 Alarms 20 Minute ALARM in section MR->RW CLEARED
200	7/26/2010	2:33:33 AM	S2	OPR S2 L6 Griffith Unit U-3 is no longer Hot
201	7/26/2010	2:33:48 AM	S2	OPR S2 L6 Griffith Unit U-2 is no longer Hot
202	7/26/2010	2:34:47 AM	S2	OPR S2 L6 La Porte Unit U-1 is no longer Hot
203	7/26/2010	2:36:07 AM	S2	OPR S2 L6 Mendon Unit U-1 is no longer Hot
204	7/26/2010	2:37:05 AM	S6	5..MBS S6 Line 6 Alarms 20 Minute ALARM in section GT->MR CLEARED
205	7/26/2010	2:49:49 AM	S4	OPR S4 L6 Griffith Low Suction Pressure
206	7/26/2010	2:50:30 AM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
207	7/26/2010	2:50:55 AM	S7	OPR S7 L6 M.P. 532.74 Section Valve 532.74-6-V Communication Failure alarm CLEARED
208	7/26/2010	2:51:21 AM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
209	7/26/2010	2:51:21 AM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
210	7/26/2010	2:51:21 AM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
211	7/26/2010	2:51:21 AM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
212	7/26/2010	2:51:21 AM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
213	7/26/2010	3:46:55 AM	S6	5..MBS S6 Line 6 Alarms 2 Hour ALARM in section MR->RW CLEARED
214	7/26/2010	3:47:17 AM	S6	7..MBS S6 Line 6 Alarms 2 Hour ALARM in section MR->RW CLEARED
215	7/26/2010	3:57:17 AM	S6	7..MBS S6 Line 6 Alarms 2 Hour ALARM in section MR->RW CLEARED
216	7/26/2010	4:02:10 AM	S6	0..MBS S6 Line 6 Alarms 2 Hour ALARM in section GT->MR CLEARED
217	7/26/2010	4:02:37 AM	S6	0..MBS S6 Line 6 Alarms 2 Hour ALARM in section GT->MR CLEARED
218	7/26/2010	4:08:55 AM	S4	OPR S4 L6 Marysville Delivery Valve 152-DELV-1 is in Travel OPEN
219	7/26/2010	4:09:15 AM		console5: line 6 Stockbridge: open valve 650.64-6-V
220	7/26/2010	4:09:25 AM	S4	OPR S4 L6 Stockbridge Block Valve 650.64-6-V is in Travel OPEN
221	7/26/2010	4:09:29 AM	S4	OPR S4 L6 Stockbridge Low Suction Pressure alarm CLEARED
222	7/26/2010	4:09:29 AM	S4	OPR S4 L6 Stockbridge Low Suction Pressure alarm CLEARED
223	7/26/2010	4:09:29 AM	S4	OPR S4 L6 Stockbridge Suction pressure transmitter disparity alarm CLEARED
224	7/26/2010	4:09:29 AM	S4	OPR S4 L6 Stockbridge Suction pressure transmitter disparity alarm CLEARED
225	7/26/2010	4:09:55 AM	S4	OPR S4 L6 Mendon Discharge pressure transmitter disparity alarm CLEARED
226	7/26/2010	4:09:55 AM	S4	OPR S4 L6 Mendon Discharge pressure transmitter disparity alarm CLEARED
227	7/26/2010	4:11:16 AM	S4	OPR S4 L6 Marysville Delivery Valve 152-DELV-1 is OPEN

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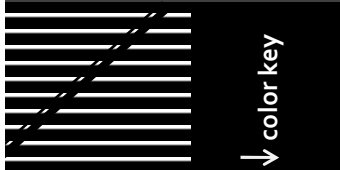
=	lpm: resumed normal
=	Console5
=	s4
=	s6
=	s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
228	7/26/2010	4:11:18 AM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
229	7/26/2010	4:11:18 AM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm CLEARED
230	7/26/2010	4:11:46 AM	S4	OPR S4 L6 Stockbridge Block Valve 650.64-6-V is OPEN
231	7/26/2010	4:12:12 AM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
232	7/26/2010	4:12:12 AM	S4	OPR S4 L6 Niles Discharge pressure transmitter disparity alarm
233	7/26/2010	4:12:31 AM		console5: line 6 La Porte: drive suction setpoint to 75
234	7/26/2010	4:12:37 AM		console5: line 6 Mendon: drive suction setpoint to 75
235	7/26/2010	4:12:37 AM	S6	0..MBS S6 Line 6 Alarms 2 Hour ALARM in section GT->MR CLEARED
236	7/26/2010	4:12:49 AM		console5: line 6 Griffith: drive discharge setpoint to 341
237	7/26/2010	4:13:09 AM		console5: line 6 La Porte: drive discharge setpoint to 398
238	7/26/2010	4:20:22 AM	S4	OPR S4 L6 Griffith Low Suction Pressure alarm CLEARED
239	7/26/2010	4:20:22 AM	S4	OPR S4 L6 Griffith Low Suction Pressure alarm CLEARED
240	7/26/2010	4:20:28 AM		console5: line 6 Griffith: start unit U-2
241	7/26/2010	4:20:34 AM	S4	OPR S4 L6 Griffith Unit U-2 is in sequence ON
242	7/26/2010	4:21:46 AM		console5: line 6 Griffith: drive discharge setpoint to 391
243	7/26/2010	4:22:02 AM		console5: line 6 Griffith: drive discharge setpoint to 441
244	7/26/2010	4:22:38 AM		console5: line 6 La Porte: start unit U-1
245	7/26/2010	4:22:41 AM	S4	OPR S4 L6 La Porte Unit U-1 is in sequence ON
246	7/26/2010	4:22:51 AM		console5: line 6 La Porte: drive discharge setpoint to 498
247	7/26/2010	4:23:27 AM	S2	OPR S2 L6 Griffith Unit U-2 is ON
248	7/26/2010	4:23:43 AM		console5: line 6 Griffith: start unit U-3
249	7/26/2010	4:23:49 AM	S4	OPR S4 L6 Griffith Unit U-3 is in sequence ON
250	7/26/2010	4:24:25 AM		console5: line 6 Griffith: drive discharge setpoint to 481
251	7/26/2010	4:25:22 AM	S2	OPR S2 L6 La Porte Unit U-1 is ON
252	7/26/2010	4:26:57 AM	S2	OPR S2 L6 Griffith Unit U-3 is ON
253	7/26/2010	4:28:54 AM		console5: line 6 Griffith: drive discharge setpoint to 501
254	7/26/2010	4:32:30 AM		console5: line 6 Mendon: start unit U-4
255	7/26/2010	4:32:36 AM	S4	OPR S4 L6 Mendon Unit U-4 is in sequence ON
256	7/26/2010	4:32:38 AM		console5: line 6 Mendon: drive suction setpoint to 90
257	7/26/2010	4:32:58 AM		console5: line 6 La Porte: drive discharge setpoint to 548
258	7/26/2010	4:33:59 AM		console5: line 6 Mendon: drive suction setpoint to 80
259	7/26/2010	4:34:02 AM		console5: line 6 Griffith: drive discharge setpoint to 521
260	7/26/2010	4:34:08 AM		console5: line 6 La Porte: drive discharge setpoint to 568
261	7/26/2010	4:35:13 AM	S2	DRV S2 L6 Marshall LPM: Resumed normal operating condition
262	7/26/2010	4:35:36 AM	S2	OPR S2 L6 Mendon Unit U-4 is ON
263	7/26/2010	4:35:53 AM	S6	8..MBS S6 Line 6 Alarms 5 Minute ALARM in section MR->RW OCCURRED
264	7/26/2010	4:36:53 AM	S6	8..MBS S6 Line 6 Alarms 20 Minute ALARM in section MR->RW OCCURRED
265	7/26/2010	4:37:22 AM	S2	OPR S2 L6 Stockbridge Man On Site
266	7/26/2010	4:37:48 AM		console5: line 6 Marshall: drive suction setpoint to 60
267	7/26/2010	4:37:53 AM	S6	0..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR OCCURRED
268	7/26/2010	4:40:20 AM		console5: line 6 Mendon: drive suction setpoint to 50
269	7/26/2010	4:42:04 AM	S6	9..MBS S6 Line 6 Alarms 20 Minute ALARM in section GT->MR OCCURRED
270	7/26/2010	4:42:37 AM		console5: line 6 Mendon: drive suction setpoint to 70
271	7/26/2010	4:42:43 AM		console5: line 6 Mendon: drive discharge setpoint to 273
272	7/26/2010	4:42:49 AM		console5: line 6 Mendon: start unit U-1
273	7/26/2010	4:42:57 AM	S4	OPR S4 L6 Mendon Unit U-1 is in sequence ON

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==	lpm: resumed normal
==	Console5
==	S4
==	S6
==	S7



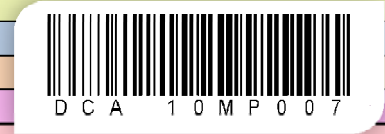
Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
274	7/26/2010	4:43:22 AM		console5: line 6 Mendon: drive discharge setpoint to 293
275	7/26/2010	4:43:35 AM		console5: line 6 Mendon: stop unit U-4
276	7/26/2010	4:43:37 AM		console5: line 6 Mendon: stop unit U-4
277	7/26/2010	4:43:40 AM	S4	OPR S4 L6 Mendon Unit U-4 is in sequence OFF
278	7/26/2010	4:43:50 AM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
279	7/26/2010	4:43:56 AM		console5: line 6 Mendon: drive discharge setpoint to 264
280	7/26/2010	4:44:08 AM		console5: line 6 Mendon: drive discharge setpoint to 274
281	7/26/2010	4:44:18 AM		console5: line 6 Mendon: drive suction setpoint to 60
282	7/26/2010	4:45:30 AM		console5: line 6 Mendon: drive suction setpoint to 50
283	7/26/2010	4:45:50 AM		console5: line 6 Mendon: drive suction setpoint to 45
284	7/26/2010	4:45:53 AM	S6	8..MBS S6 Line 6 Alarms 5 Minute ALARM in section MR->RW Exceeded 10 minute limit
285	7/26/2010	4:45:54 AM		console5: line 6 Mendon: drive discharge setpoint to 284
286	7/26/2010	4:45:57 AM	S2	OPR S2 L6 Mendon Unit U-1 is ON
287	7/26/2010	4:46:16 AM		console5: line 6 Mendon: drive discharge setpoint to 294
288	7/26/2010	4:46:42 AM	S2	OPR S2 L6 Mendon Unit U-4 is now OFF (Hot Unit)
289	7/26/2010	4:46:53 AM	S6	8..MBS S6 Line 6 Alarms 20 Minute ALARM in section MR->RW Exceeded 10 minute limit
290	7/26/2010	4:47:45 AM		console5: line 6 La Porte: drive discharge setpoint to 548
291	7/26/2010	4:47:53 AM	S6	0..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR Exceeded 10 minute limit
292	7/26/2010	4:48:05 AM		console5: line 6: La Porte to La Porte: drive suction setpoint to pressure -20 psi
293	7/26/2010	4:48:24 AM		console5: line 6 La Porte: start unit U-4
294	7/26/2010	4:48:31 AM		console5: line 6 La Porte: drive suction setpoint to 205
295	7/26/2010	4:48:48 AM		console5: line 6 La Porte: start unit U-4
296	7/26/2010	4:49:16 AM	S2	OPR S2 L6 Marshall Man On Site
297	7/26/2010	4:49:18 AM		console5: line 6 Griffith: drive discharge setpoint to 531
298	7/26/2010	4:49:28 AM		console5: line 6: La Porte to La Porte: drive suction setpoint to pressure -20 psi
299	7/26/2010	4:49:39 AM		console5: line 6 Mendon: drive suction setpoint to 40
300	7/26/2010	4:50:46 AM		console5: line 6 Griffith: stop unit U-3
301	7/26/2010	4:50:54 AM	S4	OPR S4 L6 Griffith Unit U-3 is in sequence OFF
302	7/26/2010	4:51:04 AM		console5: line 6 Griffith: stop unit U-2
303	7/26/2010	4:51:07 AM	S4	OPR S4 L6 Griffith Unit U-2 is in sequence OFF
304	7/26/2010	4:51:54 AM		console5: line 6 La Porte: stop unit U-1
305	7/26/2010	4:51:55 AM	S4	OPR S4 L6 La Porte Unit U-1 is in sequence OFF
306	7/26/2010	4:52:04 AM	S6	9..MBS S6 Line 6 Alarms 20 Minute ALARM in section GT->MR Exceeded 10 minute limit
307	7/26/2010	4:52:25 AM		console5: line 6 Mendon: stop unit U-1
308	7/26/2010	4:52:30 AM	S4	OPR S4 L6 Mendon Unit U-1 is in sequence OFF
309	7/26/2010	4:52:38 AM		system : line 6: stop line from Griffith to Mendon
310	7/26/2010	4:52:38 AM		system : line 6: stop line from Griffith to Mendon
311	7/26/2010	4:52:57 AM		console5: line 6 Stockbridge: close valve 650.64-6-V
312	7/26/2010	4:53:06 AM	S4	OPR S4 L6 Stockbridge Block Valve 650.64-6-V is in Travel CLOSED
313	7/26/2010	4:53:49 AM	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
314	7/26/2010	4:53:49 AM	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
315	7/26/2010	4:53:49 AM		system : line 6: stop line from Griffith to Mendon
316	7/26/2010	4:53:49 AM		system : line 6: stop line from Griffith to Mendon
317	7/26/2010	4:53:57 AM	S2	OPR S2 L6 Griffith Unit U-3 is now OFF (Hot Unit)
318	7/26/2010	4:54:05 AM	S2	OPR S2 L6 Griffith Unit U-2 is now OFF (Hot Unit)
319	7/26/2010	4:54:35 AM	S2	OPR S2 L6 La Porte Unit U-1 is now OFF (Hot Unit)

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



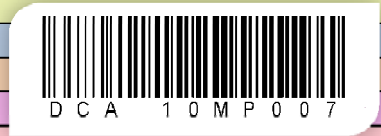
Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
320	7/26/2010	4:55:10 AM	S4	OPR S4 L6 Mendon Discharge pressure transmitter disparity alarm
321	7/26/2010	4:55:10 AM	S4	OPR S4 L6 Mendon Discharge pressure transmitter disparity alarm
322	7/26/2010	4:55:28 AM	S4	OPR S4 L6 Stockbridge Block Valve 650.64-6-V is CLOSED
323	7/26/2010	4:55:30 AM	S2	OPR S2 L6 Mendon Unit U-1 is now OFF (Hot Unit)
324	7/26/2010	4:55:34 AM	S7	OPR S7 L6 M.P. 576.93 STOPPING LINE from Griffith to Mendon - Sect Valve 576.93-6-V Closed
325	7/26/2010	4:55:34 AM	S7	OPR S7 L6 M.P. 576.93 STOPPING LINE from Griffith to Mendon - Sect Valve 576.93-6-V Closed
326	7/26/2010	4:55:34 AM		system : line 6: stop line from Griffith to Mendon
327	7/26/2010	4:55:34 AM		system : line 6: stop line from Griffith to Mendon
328	7/26/2010	4:55:36 AM	S6	DRV S6 L6 Marshall LPM?: Invalid pressure(s) - LPM may not be able to detect overpressure
329	7/26/2010	4:55:37 AM	S4	OPR S4 L6 Marysville Delivery Valve 152-DELV-1 is in Travel CLOSED
330	7/26/2010	4:57:28 AM	S4	OPR S4 L6 Stockbridge Suction pressure transmitter disparity alarm
331	7/26/2010	4:57:28 AM	S4	OPR S4 L6 Stockbridge Suction pressure transmitter disparity alarm
332	7/26/2010	4:57:57 AM	S4	OPR S4 L6 Marysville Delivery Valve 152-DELV-1 is CLOSED
333	7/26/2010	4:58:50 AM	S6	5..MBS S6 Line 6 Alarms 5 Minute ALARM in section MR->RW CLEARED
334	7/26/2010	4:58:53 AM	S6	1..MBS S6 Line 6 Alarms 5 Minute ALARM in section MR->RW CLEARED
335	7/26/2010	4:59:51 AM	S4	OPR S4 L6 Stockbridge Low Suction Pressure
336	7/26/2010	5:00:50 AM	S6	0..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR CLEARED
337	7/26/2010	5:00:51 AM	S6	9..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR CLEARED
338	7/26/2010	5:01:52 AM	S6	3..MBS S6 Line 6 Alarms 2 Hour ALARM in section GT->MR OCCURRED
339	7/26/2010	5:01:52 AM	S6	3..MBS S6 Line 6 Alarms 2 Hour ALARM in section MR->RW OCCURRED
340	7/26/2010	5:08:53 AM	S6	1..MBS S6 Line 6 Alarms 5 Minute ALARM in section MR->RW CLEARED
341	7/26/2010	5:10:51 AM	S6	9..MBS S6 Line 6 Alarms 5 Minute ALARM in section GT->MR CLEARED
342	7/26/2010	5:11:52 AM	S6	3..MBS S6 Line 6 Alarms 2 Hour ALARM in section GT->MR Exceeded 10 minute limit
343	7/26/2010	5:11:52 AM	S6	3..MBS S6 Line 6 Alarms 2 Hour ALARM in section MR->RW Exceeded 10 minute limit
344	7/26/2010	5:11:53 AM	S6	2..MBS S6 Line 6 Alarms 20 Minute ALARM in section MR->RW CLEARED
345	7/26/2010	5:12:02 AM	S6	9..MBS S6 Line 6 Alarms 20 Minute ALARM in section MR->RW CLEARED
346	7/26/2010	5:16:42 AM	S2	OPR S2 L6 Mendon Unit U-4 is no longer Hot
347	7/26/2010	5:16:53 AM	S6	6..MBS S6 Line 6 Alarms 20 Minute ALARM in section GT->MR CLEARED
348	7/26/2010	5:16:57 AM	S6	7..MBS S6 Line 6 Alarms 20 Minute ALARM in section GT->MR CLEARED
349	7/26/2010	5:22:00 AM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
350	7/26/2010	5:22:02 AM	S6	9..MBS S6 Line 6 Alarms 20 Minute ALARM in section MR->RW CLEARED
351	7/26/2010	5:23:03 AM	S7	OPR S7 L6 M.P. 533.21 Section Valve 533.21-6-V Communication Failure alarm CLEARED
352	7/26/2010	5:23:57 AM	S2	OPR S2 L6 Griffith Unit U-3 is no longer Hot
353	7/26/2010	5:24:05 AM	S2	OPR S2 L6 Griffith Unit U-2 is no longer Hot
354	7/26/2010	5:24:35 AM	S2	OPR S2 L6 La Porte Unit U-1 is no longer Hot
355	7/26/2010	5:25:30 AM	S2	OPR S2 L6 Mendon Unit U-1 is no longer Hot
356	7/26/2010	5:26:07 AM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
357	7/26/2010	5:26:12 AM	S2	OPR S2 L6 La Porte Man On Site
358	7/26/2010	5:26:57 AM	S6	7..MBS S6 Line 6 Alarms 20 Minute ALARM in section GT->MR CLEARED
359	7/26/2010	5:27:01 AM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
360	7/26/2010	5:27:01 AM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
361	7/26/2010	5:27:01 AM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
362	7/26/2010	5:27:01 AM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
363	7/26/2010	5:27:01 AM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
364	7/26/2010	5:30:15 AM	S7	OPR S7 L6 M.P. 533.21 Section Valve 533.21-6-V Communication Failure alarm CLEARED
365	7/26/2010	5:36:13 AM	S7	OPR S7 L6 M.P. 532.74 Section Valve 532.74-6-V Communication Failure alarm CLEARED

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

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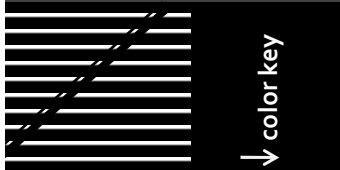
==	lpm: resumed normal
==	Console5
==	s4
==	s6
==	s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
366	7/26/2010	5:36:46 AM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
367	7/26/2010	5:37:13 AM		console5: line 6: La Porte to La Porte: drive suction setpoint to pressure -20 psi
368	7/26/2010	5:43:48 AM	S2	OPR S2 L6 Niles Man On Site
369	7/26/2010	5:43:48 AM	S2	OPR S2 L6 Niles Man On Site
370	7/26/2010	5:55:49 AM	S7	OPR S7 L6 M.P. 533.21 Section Valve 533.21-6-V Communication Failure alarm CLEARED
371	7/26/2010	5:57:58 AM	S2	OPR S2 L6 Cambridge Man On Site alarm CLEARED
372	7/26/2010	6:05:29 AM	S4	OPR S4 L6 Niles Remote Site PLC 2 Failure detected. Data has been frozen for 1m 20s.
373	7/26/2010	6:08:04 AM	S7	OPR S7 L6 M.P. 533.21 Section Valve 533.21-6-V Communication Failure alarm CLEARED
374	7/26/2010	6:16:44 AM	S2	OPR S2 L6 Dundee Man On Site alarm CLEARED
375	7/26/2010	6:27:48 AM	S4	OPR S4 L6 Griffith Low Suction Pressure
376	7/26/2010	6:47:12 AM	S6	5..MBS S6 Line 6 Alarms 2 Hour ALARM in section GT->MR CLEARED
377	7/26/2010	6:47:12 AM	S6	5..MBS S6 Line 6 Alarms 2 Hour ALARM in section MR->RW CLEARED
378	7/26/2010	6:47:24 AM	S6	9..MBS S6 Line 6 Alarms 2 Hour ALARM in section GT->MR CLEARED
379	7/26/2010	6:47:25 AM	S6	4..MBS S6 Line 6 Alarms 2 Hour ALARM in section MR->RW CLEARED
380	7/26/2010	6:57:24 AM	S6	9..MBS S6 Line 6 Alarms 2 Hour ALARM in section GT->MR CLEARED
381	7/26/2010	6:57:25 AM	S6	4..MBS S6 Line 6 Alarms 2 Hour ALARM in section MR->RW CLEARED
382	7/26/2010	7:05:33 AM	S2	OPR S2 L6 Niles Man On Site alarm CLEARED
383	7/26/2010	7:05:33 AM	S2	OPR S2 L6 Niles Man On Site alarm CLEARED
384	7/26/2010	7:57:24 AM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
385	7/26/2010	7:58:04 AM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
386	7/26/2010	7:58:04 AM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
387	7/26/2010	7:58:04 AM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
388	7/26/2010	7:58:04 AM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
389	7/26/2010	7:58:04 AM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
390	7/26/2010	8:04:18 AM		console5: Set Warning: Line 6 Griffith station density 6A is above 935
391	7/26/2010	8:06:44 AM	S4	OPR S4 L6 Niles Low Suction Pressure
392	7/26/2010	8:06:44 AM	S4	OPR S4 L6 Niles Low Suction Pressure
393	7/26/2010	8:15:17 AM		console5: line 6: Marshall: isolate station
394	7/26/2010	8:15:17 AM		console5: line 6: Marshall: isolate station
395	7/26/2010	8:15:25 AM	S4	OPR S4 L6 Marshall Discharge Valve 6-SDV-1 is in Travel CLOSED
396	7/26/2010	8:15:25 AM	S4	OPR S4 L6 Marshall Suction Valve 6-SSV-1 is in Travel CLOSED
397	7/26/2010	8:15:44 AM		system : line 6: stop line from Griffith to Mendon
398	7/26/2010	8:15:44 AM		system : line 6: stop line from Griffith to Mendon
399	7/26/2010	8:15:49 AM		system : line 6: stop line from Griffith to Marshall
400	7/26/2010	8:15:49 AM		system : line 6: stop line from Griffith to Marshall
401	7/26/2010	8:15:58 AM		system : line 6: stop line from Griffith to Marshall
402	7/26/2010	8:15:58 AM		system : line 6: stop line from Griffith to Marshall
403	7/26/2010	8:17:02 AM	S7	OPR S7 L6 M.P. 607.66 STOPPING LINE from Griffith to Marshall - Sect Valve 607.66-6-V over 60 seconds in Travel
404	7/26/2010	8:17:02 AM	S7	OPR S7 L6 M.P. 607.66 STOPPING LINE from Griffith to Marshall - Sect Valve 607.66-6-V over 60 seconds in Travel
405	7/26/2010	8:17:02 AM		system : line 6: stop line from Griffith to Marshall
406	7/26/2010	8:17:02 AM		system : line 6: stop line from Griffith to Marshall
407	7/26/2010	8:17:05 AM	S7	OPR S7 L6 M.P. 599.43 STOPPING LINE from Griffith to Mendon - Sect Valve 599.43-6-V over 60 seconds in Travel
408	7/26/2010	8:17:05 AM	S7	OPR S7 L6 M.P. 599.43 STOPPING LINE from Griffith to Mendon - Sect Valve 599.43-6-V over 60 seconds in Travel
409	7/26/2010	8:17:05 AM		system : line 6: stop line from Griffith to Mendon
410	7/26/2010	8:17:05 AM		system : line 6: stop line from Griffith to Mendon
411	7/26/2010	8:17:21 AM	S7	OPR S7 L6 M.P. 610.61 STOPPING LINE from Griffith to Marshall - Sect Valve 610.61-6-V over 60 seconds in Travel

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

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



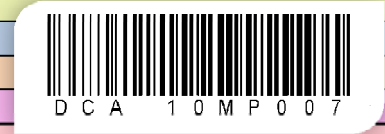
Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
412	7/26/2010	8:17:21 AM	S7	OPR S7 L6 M.P. 610.61 STOPPING LINE from Griffith to Marshall - Sect Valve 610.61-6-V over 60 seconds in Travel
413	7/26/2010	8:17:21 AM		system : line 6: stop line from Griffith to Marshall
414	7/26/2010	8:17:21 AM		system : line 6: stop line from Griffith to Marshall
415	7/26/2010	8:18:07 AM	S4	OPR S4 L6 Marshall Suction Valve 6-SSV-1 is CLOSED
416	7/26/2010	8:18:21 AM	S7	OPR S7 L6 M.P. 607.66 STOPPING LINE from Griffith to Marshall - Sect Valve 607.66-6-V Closed
417	7/26/2010	8:18:21 AM	S7	OPR S7 L6 M.P. 607.66 STOPPING LINE from Griffith to Marshall - Sect Valve 607.66-6-V Closed
418	7/26/2010	8:18:21 AM		system : line 6: stop line from Griffith to Marshall
419	7/26/2010	8:18:21 AM		system : line 6: stop line from Griffith to Marshall
420	7/26/2010	8:18:22 AM	S4	OPR S4 L6 Marshall Discharge Valve 6-SDV-1 is CLOSED
421	7/26/2010	8:18:22 AM	S4	OPR S4 L6 Marshall Station Isolated
422	7/26/2010	8:18:22 AM	S4	OPR S4 L6 Marshall Station Isolated
423	7/26/2010	8:18:51 AM	S7	OPR S7 L6 M.P. 610.61 STOPPING LINE from Griffith to Marshall - Sect Valve 610.61-6-V Closed
424	7/26/2010	8:18:51 AM	S7	OPR S7 L6 M.P. 610.61 STOPPING LINE from Griffith to Marshall - Sect Valve 610.61-6-V Closed
425	7/26/2010	8:18:51 AM		system : line 6: stop line from Griffith to Marshall
426	7/26/2010	8:18:51 AM		system : line 6: stop line from Griffith to Marshall
427	7/26/2010	8:18:57 AM	S7	OPR S7 L6 M.P. 599.43 STOPPING LINE from Griffith to Mendon - Sect Valve 599.43-6-V Closed
428	7/26/2010	8:18:57 AM	S7	OPR S7 L6 M.P. 599.43 STOPPING LINE from Griffith to Mendon - Sect Valve 599.43-6-V Closed
429	7/26/2010	8:18:57 AM		system : line 6: stop line from Griffith to Mendon
430	7/26/2010	8:18:57 AM		system : line 6: stop line from Griffith to Mendon
431	7/26/2010	8:26:20 AM		system : line 6: stop line from Griffith to Marshall
432	7/26/2010	8:26:20 AM		system : line 6: stop line from Griffith to Marshall
433	7/26/2010	8:27:43 AM	S7	OPR S7 L6 M.P. 620.66 STOPPING LINE from Griffith to Marshall - Sect Valve 620.66-6-V over 60 seconds in Travel
434	7/26/2010	8:27:43 AM	S7	OPR S7 L6 M.P. 620.66 STOPPING LINE from Griffith to Marshall - Sect Valve 620.66-6-V over 60 seconds in Travel
435	7/26/2010	8:27:43 AM		system : line 6: stop line from Griffith to Marshall
436	7/26/2010	8:27:43 AM		system : line 6: stop line from Griffith to Marshall
437	7/26/2010	8:28:48 AM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
438	7/26/2010	8:29:07 AM	S7	OPR S7 L6 M.P. 620.66 STOPPING LINE from Griffith to Marshall - Sect Valve 620.66-6-V Closed
439	7/26/2010	8:29:07 AM	S7	OPR S7 L6 M.P. 620.66 STOPPING LINE from Griffith to Marshall - Sect Valve 620.66-6-V Closed
440	7/26/2010	8:29:07 AM		system : line 6: stop line from Griffith to Marshall
441	7/26/2010	8:29:07 AM		system : line 6: stop line from Griffith to Marshall
442	7/26/2010	8:29:17 AM	S2	OPR S2 L6 Vesper Remote Site PLC Failure alarm CLEARED (PLC 2 network address:DF1:161.141.107.18.12)
443	7/26/2010	8:29:18 AM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
444	7/26/2010	8:29:26 AM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
445	7/26/2010	8:29:26 AM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
446	7/26/2010	8:29:26 AM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
447	7/26/2010	8:29:26 AM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
448	7/26/2010	8:32:13 AM	S2	OPR S2 L6 Marshall Man On Site alarm CLEARED
449	7/26/2010	8:32:13 AM	S2	OPR S2 L6 Marshall Man On Site alarm CLEARED
450	7/26/2010	8:59:16 AM		console5: line 6 Crystal Lake: drive suction setpoint to 63
451	7/26/2010	9:10:40 AM	S2	OPR S2 L6 Stockbridge Man On Site alarm CLEARED
452	7/26/2010	9:10:40 AM	S2	OPR S2 L6 Stockbridge Man On Site alarm CLEARED
453	7/26/2010	9:36:21 AM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
454	7/26/2010	9:37:35 AM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
455	7/26/2010	9:37:35 AM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
456	7/26/2010	9:37:35 AM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
457	7/26/2010	9:37:35 AM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED

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

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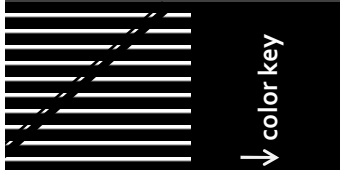
=	lpm: resumed normal
=	Console5
=	s4
=	s6
=	s7



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
458	7/26/2010	9:37:35 AM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
459	7/26/2010	9:56:59 AM	S7	OPR S7 L6 La Porte STATION TROUBLE:PCV Pump NOT running
460	7/26/2010	10:07:04 AM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
461	7/26/2010	10:14:00 AM	S7	OPR S7 L6 La Porte STATION TROUBLE:PCV pump NOT running alarm CLEARED
462	7/26/2010	10:30:32 AM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
463	7/26/2010	10:31:26 AM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
464	7/26/2010	10:31:26 AM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
465	7/26/2010	10:31:26 AM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
466	7/26/2010	10:31:26 AM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
467	7/26/2010	10:31:26 AM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
468	7/26/2010	10:36:18 AM		9.. Operator Set Warning: Line 6 Griffith station density 6A is above 935
469	7/26/2010	10:50:53 AM	S2	OPR S2 L6 Marshall Man On Site
470	7/26/2010	10:51:18 AM	S2	OPR S2 L6 Marshall Man On Site alarm CLEARED
471	7/26/2010	10:51:18 AM	S2	OPR S2 L6 Marshall Man On Site alarm CLEARED
472	7/26/2010	11:05:49 AM		console5: line 6: Stone Lake to Stone Lake: drive suction setpoint to pressure +20 psi
473	7/26/2010	11:09:19 AM		console5: line 6 Delavan: stop unit U-2
474	7/26/2010	11:09:27 AM	S4	OPR S4 L6 Delavan Unit U-2 is in sequence OFF
475	7/26/2010	11:10:06 AM		console5: line 6 Ladysmith: stop unit U-2
476	7/26/2010	11:10:12 AM		console5: line 6 Stone Lake: stop unit U-2
477	7/26/2010	11:10:15 AM	S4	OPR S4 L6 Ladysmith Unit U-2 is in sequence OFF
478	7/26/2010	11:10:18 AM	S4	OPR S4 L6 Stone Lake Unit U-2 is in sequence OFF
479	7/26/2010	11:12:09 AM	S2	OPR S2 L6 Delavan Unit U-2 is now OFF (Hot Unit)
480	7/26/2010	11:12:49 AM		console5: line 6 Crystal Lake: stop unit U-2
481	7/26/2010	11:12:52 AM	S4	OPR S4 L6 Crystal Lake Unit U-2 is in sequence OFF
482	7/26/2010	11:13:01 AM	S2	OPR S2 L6 Ladysmith Unit U-2 is now OFF (Hot Unit)
483	7/26/2010	11:13:03 AM	S2	OPR S2 L6 Stone Lake Unit U-2 is now OFF (Hot Unit)
484	7/26/2010	11:15:43 AM	S2	OPR S2 L6 Crystal Lake Unit U-2 is now OFF (Hot Unit)
485	7/26/2010	11:18:04 AM		console5: line 6 Minong: stop unit U-3 start unit U-2 delay 47 seconds
486	7/26/2010	11:34:51 AM	S4	OPR S4 L6 Stockbridge Suction pressure transmitter disparity alarm CLEARED
487	7/26/2010	11:34:51 AM	S4	OPR S4 L6 Stockbridge Suction pressure transmitter disparity alarm CLEARED
488	7/26/2010	11:42:09 AM	S2	OPR S2 L6 Delavan Unit U-2 is no longer Hot
489	7/26/2010	11:43:01 AM	S2	OPR S2 L6 Ladysmith Unit U-2 is no longer Hot
490	7/26/2010	11:43:03 AM	S2	OPR S2 L6 Stone Lake Unit U-2 is no longer Hot
491	7/26/2010	11:45:43 AM	S2	OPR S2 L6 Crystal Lake Unit U-2 is no longer Hot
492	7/26/2010	12:11:10 PM	S2	OPR S2 L6 Marshall Man On Site
493	7/26/2010	12:11:35 PM	S2	OPR S2 L6 Marshall Man On Site alarm CLEARED
494	7/26/2010	12:11:35 PM	S2	OPR S2 L6 Marshall Man On Site alarm CLEARED
495	7/26/2010	12:14:05 PM	S2	OPR S2 L6 Marshall Man On Site
496	7/26/2010	12:37:26 PM	S2	OPR S2 L6 Lockport Man On Site alarm CLEARED
497	7/26/2010	12:45:07 PM	S2	OPR S2 L6 Owen Man On Site alarm CLEARED
498	7/26/2010	12:46:51 PM	S2	OPR S2 L6 Marshall Man On Site alarm CLEARED
499	7/26/2010	12:46:51 PM	S2	OPR S2 L6 Marshall Man On Site alarm CLEARED
500	7/26/2010	12:47:22 PM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
501	7/26/2010	12:48:12 PM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
502	7/26/2010	12:48:12 PM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
503	7/26/2010	12:48:12 PM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED

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

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



Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
504	7/26/2010	12:48:12 PM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
505	7/26/2010	12:48:12 PM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
506	7/26/2010	12:58:30 PM	S2	OPR S2 L6 Delavan Man On Site
507	7/26/2010	1:09:37 PM	S2	OPR S2 L6 Delavan Man On Site alarm CLEARED
508	7/26/2010	1:23:47 PM	S2	OPR S2 L6 La Porte Man On Site alarm CLEARED
509	7/26/2010	1:29:09 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
510	7/26/2010	1:33:19 PM	S2	OPR S2 L6 Sheldon Man On Site alarm CLEARED
511	7/26/2010	2:56:50 PM	S4	OPR S4 L6 Mokena Discharge pressure transmitter disparity alarm
512	7/26/2010	2:56:55 PM	S4	OPR S4 L6 Mokena Discharge pressure transmitter disparity alarm CLEARED
513	7/26/2010	3:13:16 PM		console5: line 6 Lockport: stop unit U-3 start unit U-1 delay 63 seconds
514	7/26/2010	3:24:28 PM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
515	7/26/2010	3:24:55 PM		console5: line 6: Stone Lake to Stone Lake: drive suction setpoint to pressure -20 psi
516	7/26/2010	3:25:57 PM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
517	7/26/2010	3:25:57 PM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
518	7/26/2010	3:25:57 PM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
519	7/26/2010	3:25:57 PM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
520	7/26/2010	3:25:57 PM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
521	7/26/2010	3:26:14 PM		console5: line 6 Delavan: drive suction setpoint to 50
522	7/26/2010	4:33:18 PM		console5: line 6 La Porte: drive suction setpoint to 61
523	7/26/2010	4:38:53 PM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
524	7/26/2010	4:39:43 PM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
525	7/26/2010	4:39:43 PM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
526	7/26/2010	4:39:43 PM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
527	7/26/2010	4:39:43 PM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
528	7/26/2010	4:39:43 PM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
529	7/26/2010	5:29:11 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
530	7/26/2010	5:41:16 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
531	7/26/2010	5:56:09 PM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
532	7/26/2010	5:57:01 PM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
533	7/26/2010	5:57:01 PM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
534	7/26/2010	5:57:01 PM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
535	7/26/2010	5:57:01 PM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
536	7/26/2010	5:57:06 PM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
537	7/26/2010	6:30:04 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
538	7/26/2010	6:30:24 PM	S4	OPR S4 L6 Griffith Injection Valve 6-SSV-3(75) is in Travel CLOSED
539	7/26/2010	6:33:04 PM	S4	OPR S4 L6 Griffith Injection Valve 6-SSV-3(75) is CLOSED
540	7/26/2010	6:46:46 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
541	7/26/2010	7:04:10 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
542	7/26/2010	7:23:39 PM	S4	OPR S4 L6 Mokena No transmitter available for line pressure monitoring
543	7/26/2010	7:24:19 PM	S7	OPR S7 L6 M.P. 438.39 Sectionalizing Valve 438.39-6-V Failure alarm CLEARED
544	7/26/2010	7:24:19 PM	S7	OPR S7 L6 Mokena Bypass Valve 438.39-6-BV Failure alarm CLEARED
545	7/26/2010	7:24:19 PM	S7	OPR S7 L6 Mokena Discharge Valve 6-SDV-1 Failure alarm CLEARED
546	7/26/2010	7:24:19 PM	S7	OPR S7 L6 Mokena Suction Valve 6-SSV-1 Failure alarm CLEARED
547	7/26/2010	7:24:24 PM	S4	OPR S4 L6 Mokena Transmitter now available for line pressure monitoring
548	7/26/2010	7:29:46 PM		console5: line 6: Ladysmith to Ladysmith: drive suction setpoint to pressure -20 psi
549	7/26/2010	7:29:47 PM		console5: line 6: Stone Lake to Stone Lake: drive suction setpoint to pressure -20 psi

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

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

D C A 1 0 M P 0 0 7

Event #	DATE	TIME (MST)	P	COMMAND / ALARMS
550	7/26/2010	7:29:50 PM		console5: line 6: Stone Lake to Stone Lake: drive discharge setpoint to pressure +50 psi
551	7/26/2010	7:30:42 PM		console5: line 6: Delavan to Delavan: drive discharge setpoint to pressure +50 psi
552	7/26/2010	7:30:43 PM		console5: line 6: Crystal Lake to Crystal Lake: drive discharge setpoint to pressure +50 psi
553	7/26/2010	7:52:30 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
554	7/26/2010	8:08:21 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
555	7/26/2010	8:26:22 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
556	7/26/2010	8:42:22 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
557	7/26/2010	9:02:25 PM		console5: line 6: Ladysmith to Ladysmith: drive suction setpoint to pressure -20 psi
558	7/26/2010	9:49:28 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
559	7/26/2010	10:10:14 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
560	7/26/2010	10:26:50 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
561	7/26/2010	10:42:45 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
562	7/26/2010	10:56:36 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
563	7/26/2010	11:19:46 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
564	7/26/2010	11:43:50 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
565	7/26/2010	11:59:59 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED
566	7/26/2010	11:59:59 PM	S7	OPR S7 L6 M.P. 735.58 Section Valve 735.58-6-V Communication Failure alarm CLEARED