

### SHUTDOWN AND REPAIR LOG Marine Vapor Control System

DATE	CARGO	TIME AT START OF TRANSFER	TIME AT SHUTDOWN	CAUSE OF SHUTDOWN	ACTION TAKEN	PIC INITIALS
<del>12-19-14</del>	<del>Natural Gasoline</del>	<del>0530</del>	<del>0600</del>	<del>vapor valve failure</del>	<del>shutdown system, restart panel</del>	<del>JB</del>
12-19-14	Natural Gasoline	0530	0600	vapor valve failure	shutdown system, restart panel	JB
01-15-15	Natural Gasoline	1057	1127	Vapor Valve Failure	used Pipe Wrench to open Vapor Valve (Tommy)	AM
02/10/15	Natural Gasoline	0850	1230	vapor Filter plugged	Changed Filter	LP
2-17-15	Natural Gasoline	1900	N/A	buzzer for alarms inop	need to change out buzzer	(RK)
2-17-15	Natural Gasoline	1917	1917	Flow control valve inop	I+E tech on way to fix	(RK)
2-18-15	Natural Gasoline		0130	liquid block valve failure	plugged leak of air in back of panel	(RK)
04-15-15	NATURAL GASOLINE	0125	0850	Burner #2 HiHi Temp FLARE PILOT FAILURE	Entered Flare Stack to inspect clean burner tip/thermocouple	AM
06-05-15	NATURAL GASOLINE	0635	1330	FLARE PILOT FAILURE	Burner Tips messed up. Ran both Flares	AM
06-30-15	Natural Gasoline	1400	1548	1201 Pilot Failure	working on Flare 1301 Shut down Flare 1201	LP
06-30-15	Natural Gasoline	1400	1559	HiHi O2 Shutdown	Flare valve shut	LP
7-18-15	NATURAL GASOLINE	0935	0915	Air 1119A Low Flow	REPLACED SOLENOID SWITCH	AP
7-21-15	NATURAL GASOLINE	1930	2030 1830 am	No Flow 1119A	After multiple shutdowns moved barge to Spst 3	AM
10-16-15	NATURAL GASOLINE	0715	1400	1301 Pilot Failure	I+E Fixed Problem	AP
5-16-16	NATURAL GASOLINE	0410	0545	FLARE 1302 FAILURE / O2 FAILURE	I+E Fixed Problem	JB