



IN SERVICE, NO ISSUES
IN SERVICE, FAULTS



OUT OF SERVICE
UNDER PRESERVATION

Prelude Subsea System Dashboard

For more detail, contact: Dwayne Smith
Current as at: 05/07/2020

PRODUCTION SYSTEM		DISTRIBUTION SYSTEM	COMMENTARY	IDENTIFIED
TOPSIDE	<div><div><div>RCVs [not in scope]</div><div>ASD</div></div><div><div>PSDV_s</div><div>VGMS</div></div><div><div>ESDV_s</div></div></div>	<div><div>SPCU</div><div>MCS</div><div>HPU</div><div>UTILITY SWIVEL</div><div>MEG</div><div>CI</div></div>	<ul style="list-style-type: none">PHPU LP5 Regulator function deteriorating WO 61840503P1 and P7 MEG supply leaks topside WO 61877511, 61885121P5 MEG Flow Meter failed. Repair scheduled Aug 2021. WO 61773697.P5 MEG MOV weeping due to valve body corrosion. WO 61806433.VGMS nil readings. Troubleshooting ongoing.Riser 8 polymer coupon access fitting damaged since installation. NCR raised. Planned for replacement during turnaround.VGMS GRVs to be removed to allow monitoring of riser annulus. Planned for Q4 2021. WO 60899023-6.Flowline spans exceeding allowable lengths at buckle trigger locations. Engineering for remediation underway targeting 2022 execution. WO 61850106-14P4 LVDT error. Sensor fault. Well flowing with mitigations. FM c/o in Q3 2021.	<div>May 2021</div> <div>June 2021</div> <div>Mar 2021</div> <div>Mar 2021</div> <div>June 2021</div> <div>Dec 2018</div> <div>Jul 2019</div> <div>Sep 2019</div> <div>Jan 2021</div>
	<div><div>RISER 8</div><div>RISER 7</div><div>RISER 6</div><div>RISER 5</div></div>	<div><div>POWER / COMMS</div><div>HYDRAULIC</div><div>MEG</div><div>CHEMICAL</div></div>		
RISER/UMBILICAL				
SUBSEA	<div><div>RBM</div><div>FL 4</div><div>FL 3</div><div>MPMM P5</div><div>P4</div><div>PMW</div><div>MPMM P6</div><div>P7</div><div>MPMM P3</div><div>PME</div><div>FL 2</div><div>FL 1</div><div>MPMM P8</div><div>P1</div><div>MPMM</div></div>	<div><div>UTAs</div><div>EFLS</div><div>SFLS</div><div>ESFL</div></div>		
		CAPITAL SPARES	<ul style="list-style-type: none">FM 1 (formerly fitted to P6) with new MPMM choke. Repair completed December 2020. Staged at DOSB.FM 2 fabrication complete. In transit to DOSB. Ready for install Q3 2021.ISM completed on 2 SCMs in May 2021. SCM 408 internal fault under investigation with TFMC	
		<div><div>SCM</div><div>408</div><div>418</div><div>420</div><div>FM</div><div>1</div><div>2</div></div>		

Acronyms

ASD	Acoustic Sand Detector
ESDV	Emergency Shutdown Valve
PSDV	Process Shutdown Valve
VGMS	Vent Gas Monitoring System
RBM	Riser Base Manifold
FL	Flowline
PMW	Production Manifold West
PME	Production Manifold East
MPMM	Multi-Port Multi-Metal
SPCU	Subsea Power and Communication Unit
HPU	Hydraulic Power Unit
MCS	Master Control System
CI	Chemical Injection
MEG	Mono Ethylene Glycol
UTA	Umbilical Termination Assembly

SCM	Subsea Communication Module
FM	Flow Module
RCV	Riser Choke Valve
FCRBV	Fail Close Riser Base Valve
DHG	Down Hole Gauge
MOV	Motor Operated Valve
GRV	Gas Relief Valve
WO	Work Order
NWO	Network Order
TWI	Temporary Work Instruction
ASL	Annulus Service Line
TEM	Topside Electronic Module
TPU	Topside Power Unit
LOT	Leak-off Test
FCV	Flow Control Valve