

Notifiable incident

Notification ID [NTF11744](#)

Duty holder Woodside Energy Ltd
Facility/Activity Vincent
Nearest state WA
Incident OHS-DSCE: 1 x locking arm on turret free drop unit failed pressure test in routine maintenance.

Basic information provided at time of notification

Notification type	Incident
Incident date	31/08/2022 11:20 AM (AWST)
Notification date	31/08/2022 01:27 PM (AWST)
NOPSEMA response date	31/08/2022 02:00 PM (AWST)
Received by	[REDACTED]

Summary of information provided

Brief descriptive title	OHS-DSCE: 1 x locking arm on turret free drop unit failed pressure test in routine maintenance.
Incident location	
Subtype/s	
Summary (provided at notification)	During routine maintenance on turret free drop units (buoy drop system), 1 of the 8 locking arms failed a pressure test. Non-conformance to performance standard P23. Can manually release if required, which will not add any time to disconnect. Planning cylinder replacement for repair.

Request permission to disturb the site

Permission given	Not Applicable
Permission given by	
Permission given on	

Initial spill and release amounts

Gas (kg)	
Liquid (L)	
Release type	
More information	

Details of person providing information to NOPSEMA

Full name	[REDACTED]
Job title	[REDACTED]

Initial notification category

Initial category type (based on notification)	Dangerous Occurrence
Initial category (based on notification)	OHS - damage to safety-critical equipment

Running sheet

There are no running sheet entries for this notification

Decision	
Escalate to level 1	Yes
Inspector	[REDACTED]
Escalated on	05/09/2022 06:52

Final notification category	
Final category type <i>(based on final report)</i>	Dangerous Occurrence
Final category <i>(based on final report)</i>	OHS - damage to safety-critical equipment

Immediate causes	
Details	

Initial report	
Due date	03/09/2022
Received date	02/09/2022
Reviewed date	05/09/2022
Reviewed by	[REDACTED]
Additional details provided by duty holder	<p>Brief description of incident - During routine testing of the turret 'free drop' system for the mooring buoy, 1 out of 8 locking arms on the primary system failed a pressure test as required by the PRT. This is a failure of P23 - Mooring Systems</p> <p>Work or activity being undertaken at time of incident Routine testing and maintenance.</p> <p>What are the Internal Investigation Arrangements Internal investigation in accordance with Woodside "Health Safety and Environment Event Reporting, Investigating and Learning Procedure"</p> <p>Action taken to make the work-site safe: Action taken Confirmed with system engineer the the FPSO is able to disconnect in the required time from the mooring buoy. There are 2 independent 'free drop' systems, with the secondary free drop system passing its PRT testing. #8 arm has only lost redundancy. Details of any disturbance of the work site Completion of the routine maintenance tasks.</p> <p>Was an emergency response initiated? No Was anyone killed or injured? No</p> <p>Immediate action taken/intended, if any, to prevent recurrence of incident.</p> <p>Action Complete TI maintenance PRT to ensure no further faults are found Responsible party [REDACTED] Completion date 04-Sep-2022 Actual or Intended Intended</p> <p>Action Confirm with system engineer the the FPSO is able to disconnect in the required time from the mooring buoy. Responsible party [REDACTED] Completion date 01-Sep-2022 Actual or Intended Actual</p>

Final report	
Due date	30/09/2022
Received date	27/09/2022
Reviewed date	03/10/2022
Reviewed by	[REDACTED]
Additional details provided by duty holder	<p>Has the investigation been completed? - Yes</p> <p>Full Report - Describe investigation in detail, including who conducted the investigation and in accordance with what standard/procedure Investigation completed by [REDACTED] in accordance with Woodside "Health Safety and Environment Event Reporting. Conducting Work order 2200634894 - 6 month P23 buoy lock/Free drop system testing it was found that #8 locking arm failed its Free drop unit balance test, failing to meet PS P23. Work order 2100336064 - Overhaul free drop unit main cylinder has been raised for the repair and is planned to be completed by end of October 2022. The outcome and information gathered as part of the repair will be issued to the [REDACTED] for review to determine if a continuous improvement action(s) is required to prevent future failure. [REDACTED] has confirmed the Ngujima-Yin Disconnection system is functioning and is able to disconnect when required.</p> <p>Actions to prevent recurrence of same or similar incident</p> <p>Action - Execute Work order 2100336064 - Overhaul free drop unit main cylinder Responsible party - [REDACTED] Completion date - 31-Oct-2022 Actual or Intended - Intended</p>

Final spill and release amounts	
Gas (kg)	0.00
Liquid (L)	0.00
Release type	
More information	

Root causes	
Code	
Description	<p>Root Causes - Analysis Factor: EQ3-0 Equipment Predictive/Preventative Maintenance Comments - Degraded Seals in Distribution Cylinder</p>

All data received	
Date	30/09/2022

