

Notifiable incident

Incident ID [5203](#)

Duty holder: INPEX Operations Australia Pty Ltd
Facility/Activity: Ichthys Venturer
Facility type: Floating production storage and offloading facility

Incident details	
Division	Occupational Health and Safety
Notification type	Incident
Incident date	30/12/2017 04:20 PM (WST)
Notification date	30/12/2017 05:10 PM (WST)
NOPSEMA response date	30/12/2017 05:20 PM (WST)
Received by	[REDACTED]
Nearest state	WA
Initial category type <i>(based on notification)</i>	Dangerous Occurrence
Initial category <i>(based on notification)</i>	Unplanned event - implement emergency response plan
3 Day report received	02/01/2018
Final report received	02/01/2018
All required data received	02/01/2018
Final category type <i>(based on final report)</i>	Dangerous Occurrence
Final category <i>(based on final report)</i>	Unplanned event - implement emergency response plan
Brief description	OHS-UPE - Manual Call Point spurious alarm on module 6
Location	
Subtype/s	Alarm, Emergency response
Summary <i>(at notification)</i>	The OIM of the Ichthys Venturer reported an unplanned general alarm was sounded at 16:22hrs on 30/12/2017. The alarm was from a Manual Call Point located in Module 6. The alarm was identified as a 'faulty alarm'. A full muster of the facility was implemented and all personnel were accounted. There was no safety or environment consequence, and the facility returned to normal state. Additional information - The facility did not deploy the emergency response team and the potential of a fault on the manual call point loop is being investigated.

Details <i>(from final report)</i>	<p>The OIM of the Ichthys Venturer reported an unplanned general alarm was sounded at 16:22hrs on 30/12/2017. The alarm was from a Manual Call Point located in Module 6. The alarm was identified as a 'faulty alarm'. A full muster of the facility was implemented and all personnel were accounted. There was no safety or environment consequence, and the facility returned to normal state. additional information - The facility did not deploy the emergency response team and the potential of a fault on the manual call point loop is being investigated.</p> <p>Unplanned GA and muster. Fault on Manual Activation Point (MAC S831DMCA00IT). At 16:22hrs WST on 30 December 2017 the general alarm sounded and mustering commenced. . The alarm indication was Manual Activation Point (MAC S831DMCA00IT) being initiated in Module 6 level 3. FPSO Venturer and accommodation support vessel Jascon 25 facilities mustered, all persons were accounted for. No loss of power generation and no impact to the facility / personnel / environment. Personnel mobilised to investigate and found no-one had initiated the MAC point. FPSO Venturer facility returned to normal status at 16:45 WST, followed a short time later by the Jascon 25. An investigation was then commenced into the cause of the event.</p> <p>On investigation, evidence of moisture was found inside S-831-DMC-001-T. The MAC lid was found to be slightly loose and the Ex plug on the top of the unit was found to have the small O-ring showing signs of perishing. Neither the O-ring on the lid or plug have had any silicon grease applied by CTR or supplier.</p> <p>Unplanned GA and Muster. Fault on Manual Activation Point (MAC S-831-DMC-00I-T) At 16:22hrs WST on 30 December 2017 the FPSO General Alarm sounded and mustering commenced. The alarm indication was Manual Activation Point (MAC S-831-DMC-00I-T) being initiated in Module 6 Level 3. FPSO Venturer and ASV Jascon 25 facilities mustered, all persons were accounted for. At no point during this event did the FPSO sustain loss of power generation; there was no impact to the facility, personnel or to the environment. Personnel were mobilised to the MAC activation point to investigate and found no-one had initiated the MAC point. FPSO Venturer facility returned to normal status at 16:45 WST, followed a short time later by the Jascon25. On investigation evidence of moisture was found inside MAC point S-831-DMC-001-T. The MAC lid was found to be slightly loose and the Ex plug on the top of the unit was found to have the small O-ring showing signs of perishing. The MAC point S-831-DMC-001-T was replaced with a new MAC on 31/12/17. ██████████ (Operations HSE Advisor) conducted the investigation in accordance with INPEX Event Reporting & Investigation Procedure.</p>
Immediate cause/s	Faulty alarm - Alarm from Manual Activation Call Point (MAC S-831-DMC-00I-T) on Module 6 Level 3, which initiated the FPSO general alarm.
Root cause/s	ED - TOLERABLE FAILURE
Root cause description	On investigation evidence of moisture was found inside MAC point S-831-DMC-001-T. The MAC lid was found to be slightly loose and the Ex plug on the top of the unit was found to have the small O-ring showing signs of perishing.

Duty inspector recommendation

Date	01/01/2018
Duty inspector	██████████
Recommendation	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Major investigation decision

Date	01/01/2018
Decision	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Non-major investigation review and recommendation

Date	08/01/2018
Inspector	██████████
Risk gap	None
Type of standard	Established
Initial strategy	Inclusion in annual stats/data analysis

Recommended follow up strategy

Recommended strategy	Inclusion in annual report stats / data analysis
Supporting considerations	Final investigation report indicates moisture was found inside MAC point S-831-DMC-001-T. The MAC lid was found to be slightly loose and the Ex plug on the top of the unit was found to have the small O-ring showing signs of perishing. The MAC point S-831-DMC-001-T was replaced with a new MAC on 31/12/17. The facility previously mustered due to false alarm from faulty detectors/ MAC points. [REDACTED]

Non-major investigation decision

Date	08/01/2018
RoN	[REDACTED]
RoN review result	Agree with recommendation
Strategy decision	Inclusion in annual report stats / data analysis
Supporting considerations	

Associated inspection

Inspection ID	
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