Notifiable incident

Incident ID	5166
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	03/12/2017 06:13 PM (WST)
Notification date	03/12/2017 09:42 PM (WST)
NOPSEMA response date	04/12/2017 07:19 AM (WST)
Received by	[redacted]
Nearest state	WA
Initial category type *(based on notification)*	Dangerous Occurrence
Initial category *(based on notification)*	Unplanned event - implement emergency response plan
3 Day report received	13/12/2017
Final report received	13/12/2017
All required data received	13/12/2017
Final category type *(based on final report)*	Dangerous Occurrence
Final category *(based on final report)*	Unplanned event - implement emergency response plan
Brief description	OHS-UPE-Activation of manual call point
Location	Process deck
Subtype/s	Emergency response, Muster, Alarm
Summary *(at notification)*	Operator advised that the activation of a manual call point on module M09 initiated a GA and Muster. All crew mustered and the ERT was deployed to investigate. It appears that the push button was not latched in and it is suspected that the switch is faulty. All crew stood down and further investigation to be conducted.

Details *(from final report)*	Operator advised that the activation of a manual call point on module M09 initiated a GA and Muster. All crew mustered and the ERT was deployed to investigate. It appears that the push button was not latched in and it is suspected that the switch is faulty. All crew stood down and further investigation to be conducted. At 18:13 on 3 December 2017 the facility experienced an unplanned GPA resulting in a POB muster. All FPSO POB mustered and accounted for at 18:23. The initiator was a confirmed alarm from Manual Activation Call point S831DMC004B (MAC) on module M09 ERT assembled and investigated the MAC point location and found the MAC point push button was not latched in, therefore it had not been manually activated. The area was also surveyed for any events; there had been heavy rain in the area prior to the alarm from Manual Activation Call point S831DMC004B (MAC) All FPSO POB mustered and accounted for at 18:23. Facility returned to normal status 18:25. After investigating the S-831-DMC-004-B manual call point (Module M09), it was found that there was no sign of water or damage inside the enclosure. There was a small amount of corrosion found inside the terminal strip but nothing to cause a disruption to the normal operation of the instrument loop. Cleaned terminal strip and applied electrical grease to lid to provide a better seal to not allow the water ingress with heavy rain. The loop back to the HIMA system and the ICSS was tested by pressing in the button, and resetting with the key. Also, a short circuit and open circuit test was performed and all actions were as per design of HIMA and CCR. No faults were found in the MAC or circuit. This was carried out under notification number 10003484. A new manual call point has been ordered and will be installed under work order 2100002388.
Immediate cause/s	Activation of switch.
Root cause/s	None Identified
Root cause description	After investigating the S-831-DMC-004-B manual call point (Module M09), it was found that there was no sign of water or damage inside the enclosure. There was a small amount of corrosion found inside the terminal strip but nothing to cause a disruption to the normal operation of the instrument loop. Cleaned terminal strip and applied electrical grease to lid to provide a better seal to not allow the water ingress with heavy rain. The loop back to the HIMA system and the ICSS was tested by pressing in the button, and resetting with the key. Also, a short circuit and open circuit test was performed and all actions were as per design of HIMA and CCR. No faults were found in the MAC or circuit. This was carried out under notification number 10003484. A new manual call point has been ordered and will be installed under work order 2100002388.

Duty inspector recommendation	
Date	04/12/2017
Duty inspector	[redacted]
Recommendation	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Major investigation decision	
Date	04/12/2017
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	05/12/2017
Inspector	[redacted]
Risk gap	None
Type of standard	N/A
Initial strategy	Inclusion in annual stats/data analysis

Recommended follow up strategy	
Recommended strategy	Inclusion in annual report stats / data analysis
Supporting considerations	The reported incident is a false alarm from faulty MAC point as reported . The facility has been muster before due to false alarm. [redacted] Final investigation report indicates S-831-DMC-004-B manual call point (Module M09), it was found that there was no sign of water or damage inside the enclosure. There was a small amount of corrosion found inside the terminal strip but nothing to cause a disruption to the normal operation of the instrument loop. Cleaned terminal strip and applied electrical grease to lid to provide a better seal to not allow the water ingress with heavy rain. New MAC point unit ordered. Reviewed final report and no further action required [redacted]

Non-major investigation decision	
Date	05/12/2017
RoN	[redacted]
RoN review result	Agree with recommendation
Strategy decision	Inclusion in annual report stats / data analysis
Supporting considerations	

Associated inspection	
Inspection ID	