

# Notifiable incident

**Incident ID** [5754](#)

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

Incident details	
<b>Division</b>	Occupational Health and Safety
<b>Notification type</b>	Incident
<b>Incident date</b>	03/01/2019 11:05 PM (WST)
<b>Notification date</b>	04/01/2019 06:58 AM (WST)
<b>NOPSEMA response date</b>	04/01/2019 07:14 AM (WST)
<b>Received by</b>	[REDACTED]
<b>Nearest state</b>	WA
<b>Initial category type</b> <i>(based on notification)</i>	Dangerous Occurrence
<b>Initial category</b> <i>(based on notification)</i>	Unplanned event - implement emergency response plan
<b>3 Day report received</b>	06/01/2019
<b>Final report received</b>	06/01/2019
<b>All required data received</b>	06/01/2019
<b>Final category type</b> <i>(based on final report)</i>	Dangerous Occurrence
<b>Final category</b> <i>(based on final report)</i>	Unplanned event - implement emergency response plan
<b>Brief description</b>	OHS-UPE - Manual Activated Call (MAC) Point activated during fire and gas system testing.
<b>Location</b>	
<b>Subtype/s</b>	Alarm, Emergency response, Muster
<b>Summary</b> <i>(at notification)</i>	<p>The OIM reported that a 'General Alarm' of a MAC point activated in the Fire Pump A room. Fire and gas system testing was being conducted at the time. Initial investigations showed that whilst inhibits were being placed, the MAC point activated and the 'General Alarm' initiated. Investigations are being continued within the 'Integrated Control Safety System' to determine the cause. Immediate actions taken was a full muster and the emergency response team deployed to investigate.</p>
<b>Details</b> <i>(from final report)</i>	<p>The OIM reported that a 'General Alarm' of a MAC point activated in the Fire Pump A room. Fire and gas system testing was being conducted at the time. Initial investigations showed that whilst inhibits were being placed, the MAC point activated and the 'General Alarm' initiated. Investigations are being continued within the 'Integrated Control Safety System' to determine the cause. Immediate actions taken was a full muster and the emergency response team deployed to investigate.</p> <p>General Alarm (GA) – Indication of manual alarm call point (MAC) activation in firewater pump room A. Fire and Gas testing was being conducted at the time. Initial investigation shows when S833DMC698A and S833DMC698B were both placed in inhibit condition, MAC activated and GA was initiated.</p> <p>These 2 MAC points are on Firewater Pump A remote Fire and Gas panel. Maintenance Override Switch (MOS) removed from S833DMC698A and S833DMC698B. Investigation commenced into MAC point activation.</p>
<b>Immediate cause/s</b>	MAC point activated - Activation - Logic issue (different from other facilities MAC logic).
<b>Root cause/s</b>	ED - DESIGN - Design specs - design not to specs

<b>Root cause description</b>	<p>The FPSO ICSS Engineer, FPSO Production Team Leader and FPSO HSE Advisor conducted an investigation in accordance with the INPEX Event Reporting &amp; Investigation Procedure. Electrical technicians were conducting MAC button testing in the forward Firewater Pump (FWP) A room.</p> <p>When MAC points S833DMC698A and S833DMC698B in FWP A room were placed in inhibit at the same time the current logic in the HIMA remote panel is to initiate a GA. This logic outcome was unknown to the technicians conducting the testing. Further investigation has highlighted that all 4 FWP rooms are the same.</p> <p>Actions: Review the MOS logic code currently implemented within the FWP Generator Fire &amp; Gas System panels (S790-JP-002-A/B/C/D). Review and determine suitability for compliance to applicable project documentation. If non-compliant and/or logic code is not practical, a management of change (MOC) and software change request (SCR) or software management change notice (SMCN) shall be raised to change logic code.</p>
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#### Duty inspector recommendation

<b>Date</b>	04/01/2019
<b>Duty inspector</b>	[REDACTED]
<b>Recommendation</b>	Do not conduct Major Investigation
<b>Reasoning</b>	Does not meet MI threshold based on information received
<b>Supporting considerations</b>	

#### Major investigation decision

<b>Date</b>	04/01/2019
<b>Decision</b>	Do not conduct Major Investigation
<b>Reasoning</b>	Does not meet MI threshold based on information received
<b>Supporting considerations</b>	

#### Non-major investigation review and recommendation

<b>Date</b>	07/01/2019
<b>Inspector</b>	[REDACTED]
<b>Risk gap</b>	None
<b>Type of standard</b>	Established
<b>Initial strategy</b>	Inclusion in annual stats/data analysis

#### Recommended follow up strategy

<b>Recommended strategy</b>	Inclusion in annual report stats / data analysis
<b>Supporting considerations</b>	No credible significant consequences. No risk gap. Standards - established per SoV.

#### Non-major investigation decision

<b>Date</b>	07/01/2019
<b>RoN</b>	[REDACTED]
<b>RoN review result</b>	Agree with recommendation
<b>Strategy decision</b>	Inclusion in annual report stats / data analysis
<b>Supporting considerations</b>	Agreed.

#### Associated inspection

<b>Inspection ID</b>	
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