

Notifiable incident

Incident ID [5235](#)

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	22/01/2018 04:00 PM (WST)
Notification date	23/01/2018 06:15 AM (WST)
NOPSEMA response date	23/01/2018 07:20 AM (WST)
Received by	[REDACTED]
Nearest state	WA
Initial category type <i>(based on notification)</i>	Dangerous Occurrence
Initial category <i>(based on notification)</i>	Damage to safety-critical equipment
3 Day report received	25/01/2018
Final report received	25/01/2018
All required data received	25/01/2018
Final category type <i>(based on final report)</i>	Dangerous Occurrence
Final category <i>(based on final report)</i>	Damage to safety-critical equipment
Brief description	OHS-DSCE-TEMPSC Battery Failure
Location	Deck
Subtype/s	Lifeboat operations
Summary <i>(at notification)</i>	<p>Operator advised that #3 TEMPSC has failed a performance standard in relation to its engine and propulsion system being available on demand. The battery bank in the boat is not charging and the batteries are flat.</p> <p>The POB on the facility will be limited to 350 until the TEMPSC becomes available again. New batteries are currently being sourced.</p>
Details <i>(from final report)</i>	<p>Operator advised that #3 TEMPSC has failed a performance standard in relation to its engine and propulsion system being available on demand. The battery bank in the boat is not charging and the batteries are flat.</p> <p>The POB on the facility will be limited to 350 until the TEMPSC becomes available again. New batteries are currently being sourced.</p> <p>On inspection of TEMPSC 3 at 1600hrs 21 January 2018, it was found that both the main and reserve starting batteries had low voltage and the battery charger had failed. Therefore TEMPSC3 was out of service and did not comply with the TEMPSC performance standard, section F3.1 TEMPSC Diesel Engine and Propulsion System – The TEMPSC engine shall start on demand. TEMPSC has 70 person capability, therefore reduced the maximum allowable POB on the FPSO Ichthys Venturer during IHUC phase to 350 from 420 by restricting the number of persons crossing the gangway from the Accommodation Support Vessel. Investigation commenced.</p>
Immediate cause/s	Failed battery charger caused batteries to fall in charge and fail.
Root cause/s	ED - EQUIPMENT / PARTS DEFECT - Manufacturing
Root cause description	On investigation of the battery charger it was found to have failed due to over temperature. A new type of battery charger has been ordered to replace.

Duty inspector recommendation	
Date	23/01/2018
Duty inspector	██████████
Recommendation	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Major investigation decision	
Date	23/01/2018
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	22/01/2018
Inspector	██████████
Risk gap	Moderate
Type of standard	Established
Initial strategy	Investigate ASAP

Recommended follow up strategy	
Recommended strategy	Investigate
Supporting considerations	The Ichthys Venturer has 7 TEMPSCs. 6 at the Frd (P& SB) and 1 at the aft. Number 3 TEMPSC is located at star board Frd. INPEX has taken action to reduce POB. The issue with battery conditions, charging capabilities as well as discharge test regime should be followed up. Being that the next planned inspection 1695 is on Ichthys Venturer (next week - cyclone dependent), I recommend that we to follow up the notification as part of the inspection scope. ██████████

Non-major investigation decision	
Date	23/01/2018
RoN	██████████
RoN review result	Agree with recommendation
Strategy decision	Investigate
Supporting considerations	

Associated inspection	
Inspection ID	1695