

# Notifiable incident

**Incident ID** [5495](#)

**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>	18/07/2018 12:15 AM (WST)
<b>Notification date</b>	18/07/2018 01:19 PM (WST)
<b>NOPSEMA response date</b>	18/07/2018 01:25 PM (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>	Other kind needing immediate investigation
<b>3 Day report received</b>	19/07/2018
<b>Final report received</b>	19/07/2018
<b>All required data received</b>	19/07/2018
<b>Final category type</b> <i>(based on final report)</i>	Dangerous Occurrence
<b>Final category</b> <i>(based on final report)</i>	Other kind needing immediate investigation
<b>Brief description</b>	OHS - OKNI Helideck lights off
<b>Location</b>	Accommodation and amenities
<b>Subtype/s</b>	Electrical
<b>Summary</b> <i>(at notification)</i>	<p>During routine maintenance of the helideck system, the electrician found that the helideck wave-off lights were in the OFF position, contrary to the performance standard, which requires the wave-off lights to be able to be automatically activated in the event of an ESD (i.e. ON position). The lights were immediately reset in the ON position.</p> <p>Upon investigation, it was found that the lights were switched to OFF during repairs for a previous event (see Notification 5423, when the DIFF helideck deluge extinguisher system went off).</p>
<b>Details</b> <i>(from final report)</i>	<p>During routine maintenance of the helideck system, the electrician found that the helideck wave-off lights were in the OFF position, contrary to the performance standard. The lights were turned on again, and upon investigation were found to have been turned off during another event.</p>
<b>Immediate cause/s</b>	Human error.
<b>Root cause/s</b>	HPD - HUMAN ENGINEERING - Human-machine interface - labels NI, HPD - MGMT SYS - Stds, policies, admin controls not used - SPAC comm NI
<b>Root cause description</b>	<p>Heli deck lights panel sign posted advising lights must stay on at all times unless a permitted activity is to be undertaken.</p> <p>Line items to be added to the electrical routine maintenance instruction advising of the requirement to ensure the light switches are in the ON position.</p>

Duty inspector recommendation	
Date	18/07/2018
Duty inspector	
Recommendation	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Major investigation decision	
Date	18/07/2018
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	18/07/2018
Inspector	
Risk gap	Substantial
Type of standard	Established
Initial strategy	Investigate within 45 days

Recommended follow up strategy	
Recommended strategy	Investigate within 45 days
Supporting considerations	Consequence - death / disability arising from inadvertently flying an aircraft into a hazardous atmosphere and consequent fire / explosion. Benchmark likelihood - nil / negligible. Potential likelihood - remote (the wave off lights are not the only control in place - there is also HLO confirmation of a safe deck.). risk gap - substantial. Established Standard - CAP 437 (8th ed) clause 4.25 requires "status lights", hard wired to the facility safety system. Previous relevant incident - Notification 5423, when the DIFF helideck deluge extinguisher system went off, apparently due to a faulty switch.

Non-major investigation decision	
Date	18/07/2018
RoN	
RoN review result	Agree with recommendation
Strategy decision	Investigate within 45 days
Supporting considerations	

Associated inspection	
Inspection ID	1780