

## Recordable Environmental Incident Monthly Report

Document No: N-03000-FM0928 A198750

Date: 04/05/2020

**Due Date:** By the 15<sup>th</sup> day of the following month.

**Send completed form to:** [submissions@nopsema.gov.au](mailto:submissions@nopsema.gov.au) via secure file transfer at <https://securefile.nopsema.gov.au/filedrop/submissions>

**Reference:** Regulation 26B

Please check the following boxes if applicable to this report			Nil Incident Report: <input type="checkbox"/>	Final report for this activity: <input type="checkbox"/>	
Titleholder name:	INPEX Ichthys Pty Ltd (INPEX)	Titleholder business address:	Level 22, 100 St Georges Tce, Perth, WA 6000	Title of environment plan for the activity:	ICHTHYS PROJECT OFFSHORE FACILITY (OPERATION) ENVIRONMENT PLAN
Activity type: (e.g. drilling, seismic, production)	Operation	Month, Year:	December 2020	Facility name and type : (e.g. MODU, Seismic Vessel, FPSO)	Ichthys Explorer (CPF) Ichthys Venturer (FPSO)
Contact person:	██████████	Email:	██████████	Phone:	██████████
Incident date	All material facts and circumstances (including release volumes to environment if applicable)	Performance outcome(s) and/or standard(s) breached	Action taken to avoid or mitigate any adverse environmental impacts of the incident	Corrective action taken, or proposed, to stop, control or remedy this incident	Action taken, or proposed, to prevent a similar incident occurring in future

<p>31 December 2020</p>	<p>The 2020 Annual Flare Target (covering the period from January 1 to 31 December 2020), was set based on assumed availability of emissions reduction technology of 84.34% in line with the 2020 production profile in consideration of planned and unplanned shutdown periods. The end of year flaring target was 130,079 kSm<sup>3</sup>; the actual was 232,932 kSm<sup>3</sup>.</p> <p>When the targets were set INPEX had not operated the flash gas and off-gas systems on a routine basis. INPEX underestimated the periods of time where the flash gas and off-gas systems would be operated effectively.</p> <p>INPEX was able to meet the monthly targets in January and February; however, the other monthly targets for March 2020-December 2020 were not achieved.</p>	<p><b>Environmental performance standard (Table 7-2) Atmospheric Emissions and (Table 7-3) change in light levels from flaring</b></p> <p>After initial start-up, annual flare emissions will be less than or equal to the annual flare targets established in accordance with the Flaring Management Plan.</p>	<p>The FPSO flash gas compression trains were commissioned and run to reduce the volume of flaring.</p>	<p>The flash gas compression trains and off-gas recovery compression reliability was less than forecast. A broad spectrum of faults and vibration issues reduced the uptime of the technology.</p> <p>The Flash Gas Compressor Reliability Improvement Plan has been included as an Operations objective in the 2021 Business Plan.</p>	<p>The 2021 Annual Flare Target has been revised in the 2021 Flaring Management Plan. Forecast annual flaring for 2021 is targeting less flaring compared to the 2020 target and the 2021 target is significantly less than the 2020 actual flaring volume. These targets are aligned to the 2021 Operations objective to reduce greenhouse gas footprint.</p>
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Note 1: As at 28 February 2014, amendments to the Offshore Petroleum and Greenhouse Gas Storage (Environment) Regulations changed from environmental performance objective to environmental performance outcome. If you are reporting against an EP accepted under the old Regulations please report against the environmental performance objective for that activity.

Note 2: This form may be submitted in conjunction with the 'Injuries and Fatalities – Monthly Summary Report' Form available at [www.nopsema.gov.au](http://www.nopsema.gov.au)

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