

Not reasonably satisfied decision

Ichthys Project Offshore Facility (Operation) Environment Plan

This document provides notification of NOPSEMA’s decision made under regulation 10 of the Offshore Petroleum and Greenhouse Gas Storage (Environment) Regulations 2009 (Environment Regulations) that it is not reasonably satisfied that the environment plan meets the acceptance criteria set out in the regulations, and that the titleholder is provided an opportunity to modify and resubmit the plan.

Submission information

Titleholder¹:	INPEX Ichthys Pty Ltd (INPEX)	
Environment plan:	ICHTHYS PROJECT OFFSHORE FACILITY (OPERATION) ENVIRONMENT PLAN, Revision 0	
Petroleum title(s)/Application number(s):	WA 50 L	
Date submitted to NOPSEMA:	09/02/2016	
Activities type(s)²:	<ul style="list-style-type: none"> Operation of a facility used for the recovery or processing of petroleum 	
Activity overview: <i>As described on the website environment plan.</i>	Petroleum production licence area	WA-50-L
	Basin	Browse
	Gas field	Ichthys Field
	Location	Wholly located within Commonwealth waters, approximately 390 km north of Derby, Western Australia in the North-west Marine Region (NWMR) of the Timor Sea.
	Anticipated hydrocarbon	Gas and condensate
	Interlinked facility	<p>CPF (<i>Ichthys Explorer</i>) which is used to separate the reservoir fluid received from the gathering systems into liquid and gaseous phases and export gas onshore for further processing.</p> <p>FPSO (<i>Ichthys Venturer</i>) which supports hydrocarbon processing systems and utilities by processing liquid hydrocarbons received from the CPF to produce a stabilised hydrocarbon condensate, which is then temporarily stored within the FPSO hull and, periodically, offloaded to shuttle tankers for export to</p>



	market.
	Subsea production system infrastructure (e.g. Christmas trees, manifolds, subsea control systems and umbilicals, risers and flowlines (URF), and the gas export riser base (GERB), which connect the wells to the CPF and FPSO).
Vessels	Platform support vessels, accommodation support vessels, logistical support vessels, heavy-lift vessels, offtake support vessels, and other supply and support vessels required to support the operation and maintenance of the CPF, FPSO and subsea infrastructure, within the operational area.
Activities	<p>Preparing the CPF and FPSO for the introduction of reservoir hydrocarbons, inclusive of testing and commissioning with non-field hydrocarbons.</p> <p>Preparing subsea infrastructure for the introduction of reservoir hydrocarbons, inclusive of testing and commissioning with non-field hydrocarbons.</p> <p>Conveyance of fluids, comprising gas, hydrocarbon condensate, MEG and produced water from the reservoirs by means of the subsea infrastructure to the CPF and FPSO.</p> <p>The FPSO regenerates monoethylene glycol (MEG) used during processing so that it can be recycled back to the subsea production system and wells.</p> <p>Start-up and operation of the CPF and FPSO using reservoir hydrocarbons, including transfer of condensate via an offtake hose to a shuttle tanker; and gas export up to the GEP.</p> <p>IMR activities on the CPF, FPSO and subsea infrastructure, excluding well intervention or well workover activities.</p>
Expected activity commencement	October 2016
Duration	The Ichthys Project has a design life of 40 years. This EP will cover continuous operations, 24 hours per day, for a period of up to 5 years from acceptance of this EP.
Decision:	Not reasonably satisfied
Decision date:	09/03/2016
Resubmission due date³:	08/05/2016
Decision made by:	Representative of NOPSEMA: Environment Manager - Seismic & Production Operations



Basis of decision

NOPSEMA has assessed the environment plan in accordance with its assessment policies and procedures. On completion of assessment, NOPSEMA has decided that it is not reasonably satisfied that the environment plan meets the criteria below as set out in regulation 10A of the Environment Regulations:

- (a) is appropriate for the nature and scale of the activity
- (b) demonstrates that the environmental impacts and risks of the activity will be reduced to as low as reasonably practicable
- (c) demonstrates that the environmental impacts and risks of the activity will be of an acceptable level
- (d) provides for appropriate environmental performance outcomes, environmental performance standards and measurement criteria
- (e) includes an appropriate implementation strategy and monitoring, recording and reporting arrangements
- (h) complies with the Act and regulations.

Titleholder requirements

In accordance with regulation 10, the titleholder is required to modify and resubmit the environment plan. Upon resubmission of the plan, NOPSEMA will continue to assess the submission in accordance with its assessment policies and make a decision under regulation 10. After a titleholder has been provided with reasonable opportunity to modify and resubmit an environment plan, NOPSEMA will make a final decision on whether to accept or refuse to accept the environment plan.

How to get further information

If you have any further questions regarding the activity it is suggested you contact the titleholder's nominated liaison person for the activity.

If you would like to access any further information regarding this decision, or would like to contact NOPSEMA please email environment@nopsema.gov.au.

¹ A titleholder includes an applicant for a petroleum access authority, petroleum special prospecting authority, pipeline licence, greenhouse gas search authority or greenhouse gas special authority under sub-regulation 9(2).

² Activity type as listed in the Offshore Petroleum and Greenhouse Gas Storage (Regulatory Levies) Regulations 2004

³ NOPSEMA sets the proposed timeframe for resubmission; after which NOPSEMA may determine a reasonable opportunity has been given and NOPSEMA may refuse to accept the plan. Titleholders can request an extended timeframe.