Jadestone Energy

Ongoing Consultation for Montara Field Operations and Future Activities

Jadestone Energy (Jadestone) is the operator of the Montara Field in the Timor Sea.

Three Environment Plans (EPs) for the Montara Field have recently been assessed by, or are scheduled for assessment by, the National Offshore Petroleum Safety and Environmental Management Authority (NOPSEMA):

- ***Montara Operations EP, accepted by NOPSEMA on 11 June 2024.***
- ***Sea Eagle-1 & Tahbilk-1 Vessel-Based Activity (VBA) EP, submitted for assessment on 10 October 2025.***
- ***Montara 1, 2 and 3 Wellhead Removal EP, scheduled for submission by 31 December 2025.***

During the preparation of these EPs, Jadestone identified you as a Relevant Person for the Sea Eagle-1 & Tahbilk-1 VBA EP, or as a newly identified Relevant Person for the Montara Field following our annual review.

This consultation package provides an update on current and planned activities in the Montara Field. While you may have been consulted previously, we welcome this further opportunity for you to provide comment.

Who is Jadestone Energy?

Jadestone is a leading oil and gas company in the Asia Pacific region, focused on production and near-term development assets. The company is listed on the Alternative Investment Market of the London Stock Exchange (AIM:JSE). Contact details for Jadestone's Australian Operations are provided at the end of this document.

What is an Environment Plan?

The purpose of an Environment Plan (EP) is to identify the proposed petroleum activity's impacts on and risks to the environment. The EP also sets measures to reduce identified environmental impacts, potential risks due to the activity, and describe how and to what level of performance those measures will be implemented throughout the activity, including in the unlikely event of a significant unplanned event, e.g., hydrocarbon spill.

Jadestone has revised and re-submitted the accepted Sea Eagle-1 and Tahbilk-1 Vessel Based Activity (VBA) EP due to a change in the spill scenario and are developing the Montara 1,2,3 wellheads removal EP in accordance with legislation (administered by NOPSEMA). The EPs will not be accepted by NOPSEMA until they are satisfied they meet the requirements of the legislation.

Jadestone continually updates the Montara Operations EP, including consultation outcomes, as part of its ongoing consultation commitments.

Current Regulatory Approvals

Montara Operations EP

This EP was accepted on 11 June 2024 and covers all ongoing operations activities in the Montara Operations field. The full EP can be viewed on the NOPSEMA website (detailed below under *How do I find out more?*).

Although consultation is complete for this activity, Jadestone welcome comments at any time on the accepted EP and its operations.

Sea Eagle-1 and Tahbilk-1 Vessel Based Activity Environment Plan

This EP was originally accepted in 2021. Jadestone has since revised and resubmitted the EP as the worst-case spill scenario has been revised to a much smaller spill (refer Figure 3), and consultation with Relevant Persons on that revised scenario has been included.

The EP describes two suspended wellheads in the Montara field which have a passive remote monitoring system installed. The system works through a buoyed communication module held in place by a hydrocarbon sensitive release mechanism. If a leak from the well is detected, the system releases a buoyant module which reaches the sea surface and connects to a satellite network, triggering an alert to Jadestone and, initiating a response.

At this stage, there is no plan for the decommissioning of the Sea Eagle-1 and Tahbilk-1 wells as Jadestone currently anticipates their contribution to future operations. Therefore, this EP describes the ongoing vessel-based monitoring and maintenance of the wellheads and monitoring system to allow for future re-use of the infrastructure.

Jadestone's current expectation is that, by April 2027, a decision will be made to either advance the two wells toward development or proceed with decommissioning, and in either case the required approval applications will have commenced.

Montara 1,2,3 Wellhead Removal EP

This EP will be submitted in December 2025 and describes the removal of three wellheads that are no longer in use. The removals are planned to take place at any time during the five- year life cycle of the EP.

Location

The Montara development is in the Timor Sea, approximately 690 km west of Darwin (Figure 1). The permit areas AC/L7 and AC/L8 are in Commonwealth waters. The water depth at the Montara field is ~72–90 metres. Location details are in Figure 1, including key features in the area. The distance to Australian Marine Parks (AMPs) is indicated in Table 1.

Table 1: Distance to AMPs

Regional Feature	Minimum distance from field
Ashmore AMP	131 km
Cartier AMP	90 km
Kimberley AMP	108 km

The Montara field has been producing since 2010, with the required restricted zone in place. A Petroleum Safety Zone (PSZ) extends 500 m around the following Montara infrastructure:

- FPSO submerged turret production
- Wellhead platform (WHP)
- Swallow 1 subsea wellhead and Swift manifold (combined)
- Swift North 1 subsea wellhead
- Swift 2 subsea wellhead

- Skua 10 and Skua 11 subsea wellhead (combined)
- Sea Eagle-1 and Tahbilk-1 suspended wellheads
- Montara-1, 2, 3 plugged and abandoned wells

Pursuant to Section 616 of the *Offshore Petroleum and Greenhouse Gas Storage Act 2006* (OPGGS Act) all vessels, other than those under the control of Jadestone or authorised by Jadestone, are prohibited from entering or being present in the PSZ.

A cautionary zone of 2.5 nautical mile (NM) radius is maintained around the WHP, FPSO and subsea structure including the pipelines. The information has been noted on Admiralty Charts covering the region (#AUS 314), and although vessels are requested to avoid navigating, anchoring and fishing within the cautionary zone, it is not an exclusion zone.

All current activities are contained within the PSZ, although vessel activities and offtakes may occur outside of the defined PSZ, but within the cautionary zone.

All planned activities such as wellhead removal, will be contained within the defined Operational Area in permit areas AC/L7 and AC/L8.

In the unlikely event of a significant unplanned event, e.g., hydrocarbon spill, the values in the Environment that May be Affected (EMBA) (habitats and locations), having been identified in the EP, will be prioritised for prompt protection activities.

Why are you being engaged?

Jadestone has identified that you or your organisation is a 'relevant person' under the Offshore Petroleum and Greenhouse Gas (Environment) Regulations 2023 because of your functions, activities, or interests within the EMBA for Montara Operations or Sea Eagle-1 and Tahbilk-1 activities. This is defined as the area that might be affected by planned events that will occur within a defined operational area or unplanned events that could extend beyond the defined operational area e.g., in the low likelihood of an unplanned hydrocarbon spill.

The NOPSEMA website includes a video about EMBAs and how they are determined.

http://www.nopsema.gov.au/news-and-resources/presentations-and-videos

Figure 2 shows the Montara Operations EMBA. The worst-case scenario considered is a loss of hydrocarbons from a cargo tank due to third party collision.

Figure 3 shows the smaller Sea Eagle-1 and Tahbilk-1 VBA EMBA representing a loss of diesel from a vessel collision. A full wellbore blowout is not considered credible on these wells as they are suspended.

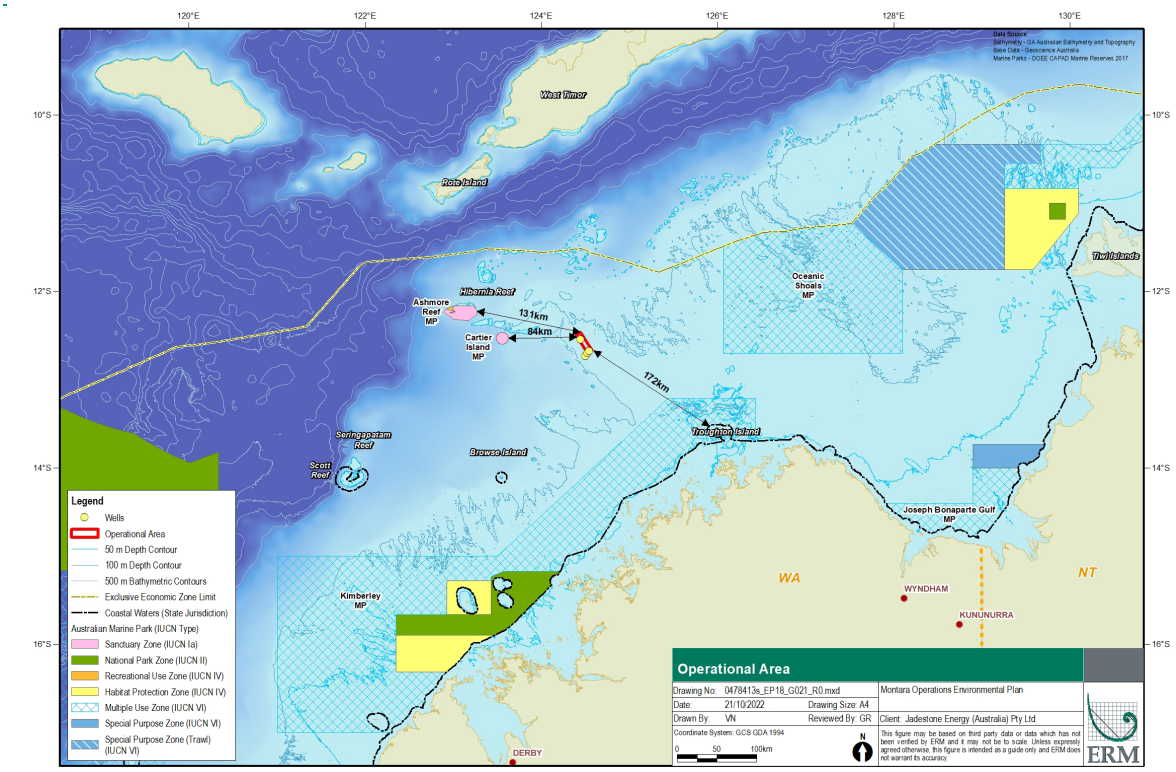

FIGURE 1: LOCATION OF THE MONTARA FIELD

What do we do with information provided?

In line with the Commonwealth Offshore Petroleum and Greenhouse Gas Storage (Environment) Regulations 2023, correspondence between Jadestone and you or your organisation must be provided to NOPSEMA. All comments are compiled into a report and are published in the publicly available EP, with names and contact details redacted.

There is, however, the opportunity for you to request that your correspondence not be published. That is, whilst the correspondence is still required to be provided to NOPSEMA, it will be provided in a separate report that is for NOPSEMA only and is not published.

Please notify Jadestone of any correspondence that we receive from you or your organisation that you wish to be confidential. That correspondence will be provided to NOPSEMA in a separate report and not published on NOPSEMA's website.

All comments received by Jadestone will be carefully assessed to understand the potential impacts of the activity upon you or your organisation as a relevant person, that is your functions, activities, or interests. Jadestone's assessment will be provided to you and documented in the EP.

How do I find out more?

Further information on Jadestone's Montara field is available on our website:

https://www.jadestone-energy.com/operations/australia-montara-project/

The Montara Operations EP has been published, minus any confidential material, on NOPSEMA's website.

https://info.nopsema.gov.au/environment_plans/619/show_public

The revised Sea Eagle-1 and Tahbilk-1 VBA EP is available on NOPSEMA's website.

https://info.nopsema.gov.au/environment_plans/729/show_public

Following submission of the Montara 1,2,3 Wellhead Removal EP it will be available on NOPSEMA's website.

NOPSEMA has also published a brochure on consultation requirements for consultation and how to effectively participate in the process. This is available here:

https://www.nopsema.gov.au/sites/default/files/documents/Consultation

What does Jadestone want to know?

Jadestone is committed to ongoing dialogue with all its stakeholders and welcomes your or your organisation's comments at any time.

Please let us know if you:

- have any comments on the activity and the potential impacts on you or your organisation's interests.
- require any further information.
- have any preference on how we contact you in the future.
- need anything further from us to assist you with comments you might wish to make.

You can also help us make an informed decision about your requirement for ongoing consultation by letting us know if you do not wish to receive further updates for activities associated with the Montara Field.

What Happens next?

Jadestone will make reasonable efforts to consult with all parties that have been identified as a potential Relevant Persons.

Please be aware that it is a requirement of NOPSEMA that Jadestone documents no responses to this Invitation for Consultation, and consequently, if no response is received, Jadestone may attempt to make contact with you or your organisation several times to seek a response.

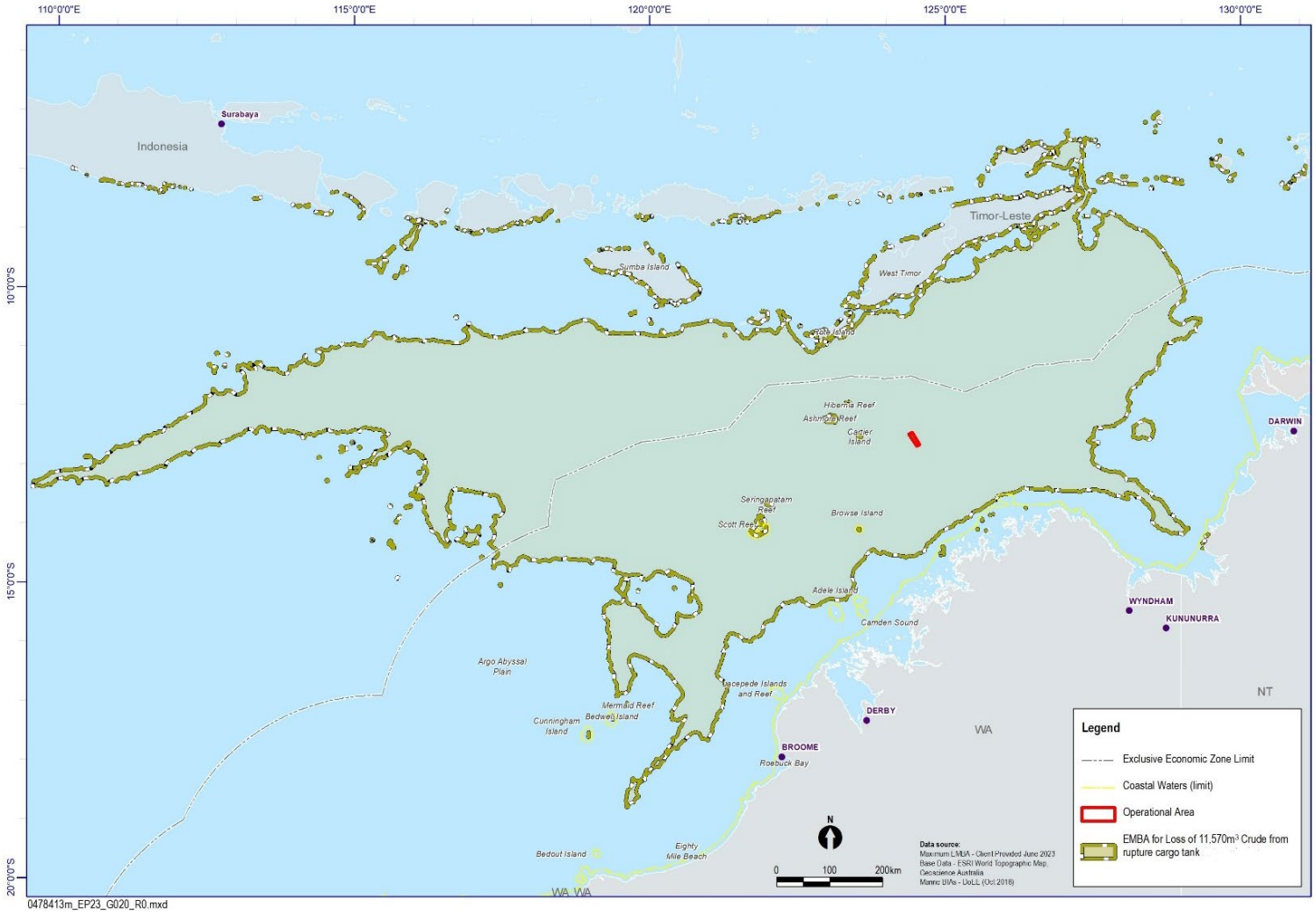

FIGURE 2: **MONTARA EMBA IN THE EVENT OF A LOSS OF HYDROCARBONS INCLUDING A LOSS OF HYDROCARBONS FROM A VESSEL CARGO TANK THAT IS REPRESENTATIVE OF THE CREDIBLE SCENARIO DURING OPERATIONS**

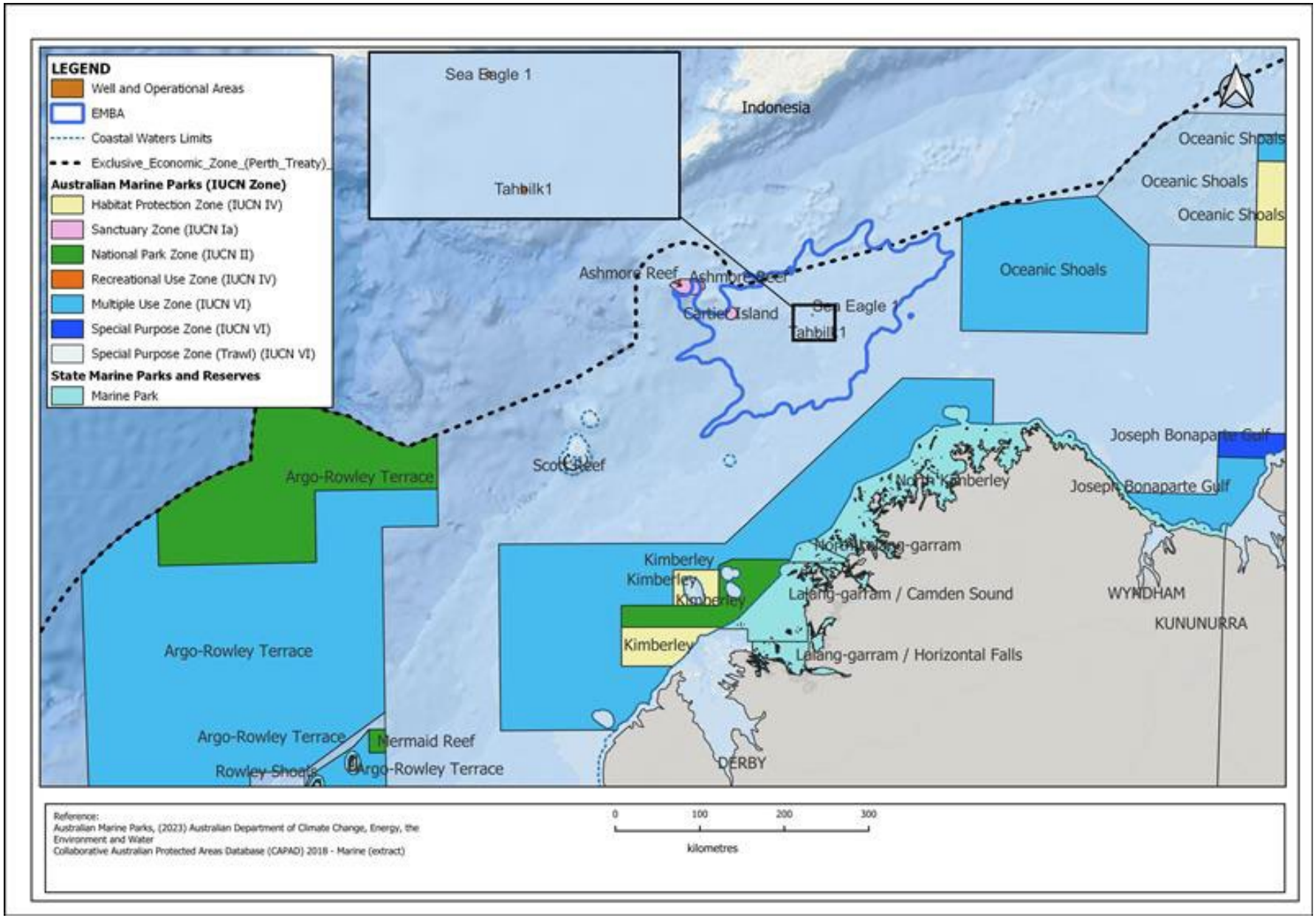

FIGURE 3: SEA EAGLE AND TAHBILK EMBA IN THE EVENT OF A LOSS OF HYDROCARBONS FROM A VESSEL COLLISION SCENARIO

Potential Risks and Management

A summary of potential risks to relevant persons who may have functions, activities or interests within the Montara Operations EMBA or the Sea Eagle-1 and Tahbilk-1 EMBA, that are common to all planned activities, is provided below. For each risk the associated management measures are summarised in Table 1.

TABLE 1: POTENTIAL RISKS AND MITIGATION/MANAGEMENT MEASURES COMMON TO OPERATIONS, VESSEL BASED ACTIVITIES AND WELLHEAD REMOVAL

Potential Risks	Mitigation and /or Management Measures
Light Emissions	- Potential impacts from lighting are assessed as occurring within 20 km of a vessel or facility based on the National Light Pollution Guidelines for Wildlife (Commonwealth of Australia 2019) - Facility and vessel navigation lights are compliant with the Navigation Act 2012.
Noise Emissions	- Vessels and helicopters comply with relevant parts of Environment Protection and Biodiversity Conservation (EPBC) Regulation (2000) Part 8 - Vessels and machinery are maintained in accordance with Flag State certification requirements. - All engines, compressors and machinery on the WHP and FPSO are maintained via a maintenance management system
Atmospheric Emissions	- Flag State Certificate and/or IAPP certifies measures are in place to manage air emissions. - All engines, compressors and machinery on the WHP and FPSO are maintained via a maintenance management system
Liquid (operational) discharges	- Emissions and discharges of liquid waste to sea are in accordance with legislative requirements, the impact and risk assessment process indicates that discharges will not result in significant effects to marine fauna. - Waste Management Plan
Interaction with other users	- A pre-existing 500 m restricted zone is in place around the infrastructure and will remain in place for the duration of operations under the proposed EPs. No fishing vessels are to enter this zone. - Marine notifications will be made to relevant stakeholders, describing the location of the activity and a 500 m petroleum safety zone is present to prevent the risk of collisions and marked on charts. - Commercial fishers are permitted to enter the wider 2.5 NM cautionary zone and fish, transit or anchor for the duration of operations under the proposed EP, but not the 500m exclusion zone, as long as it is safe to do so. - Consultation is undertaken with all relevant persons. - Plans are in place for any future decommissioning including inspection and maintenance of all infrastructure. - Implementation of the Montara Bird Management Plan to ensure that birds are managed and monitored on the FPSO and WHP to prevent health and safety issues with personnel and prevent harm to birds
Physical Footprint	- Plans are in place for any future decommissioning including inspection and maintenance of all infrastructure. - Surveys of seabed undertaken prior to integrity, maintenance or repair work - Seabed disturbance limited to planned activities and defined locations

In addition to the risks outlined in Table 1, the risk of produced water discharge is specific to the Montara Operations EP activities (Table 2).

TABLE 2: POTENTIAL RISKS AND MITIGATION/MANAGEMENT MEASURES ASSOCIATED ONLY WITH MONTARA OPERATIONS EP

Potential Risks	Mitigation and /or Management Measures
Produced water discharges	- Beyond temporary perturbation to water quality, no environmental impacts due to the discharge of produced water are expected. - Produced water discharges are monitored and recorded with adaptive management processes in place if significant changes are identified

Additional risks that are associated with events that are not expected to occur during normal activities are outlined in Table 3.

TABLE 3: POTENTIAL RISKS AND MITIGATION/MANAGEMENT MEASURES ASSOCIATED ONLY WITH UNPLANNED EVENTS

Potential Risks	Mitigation and /or Management Measures
Introduced Marine Species (IMS)	- IMS Management will meet legal requirements and reduce risks to As Low as Reasonably Practicable (ALARP) and Acceptable levels. - Vessels will be required to adhere to ballast water management, quarantine and biofouling requirements if required
Interaction with fauna	- Vessels operating within the restricted zone must not exceed a speed of five (5) knots. - Induction includes information on speed limits and requirements for interacting with marine fauna
Unplanned discharges	- No release of non-hazardous / hazardous solid wastes or non-hydrocarbon hazardous liquids to the marine environment - Limitations of flaring volumes - Integrity and maintenance requirements maintained - Dropped object prevention - Waste management plan implemented, and details included in induction materials - Competent and trained personnel are inducted and have appropriate qualifications - Spill kits available and incident response plans in place
Vessel/MODU collision	- Marine notifications will be made to relevant stakeholders, describing the location of the activity and a 500 m petroleum safety zone is present to prevent the risk of collisions - Vessels operating within the restricted zone must not exceed a speed of five (5) knots - Navigation lights installed and checked
Hydrocarbon release	- NOPSEMA accepted Oil Pollution Emergency Plan (OPEP) and well operations management plan (WOMP) - Procedures in place on WHP and FPSO to prevent hydrocarbon release to sea during operations - Maintenance and integrity checks and inspections - Appropriate vessel/facility spill response plans, equipment and materials will be in place and maintained - Appropriate refuelling procedures and equipment will be used to prevent spills to the marine environment

Providing Feedback

If you would like to comment on the proposed activities outlined in this fact sheet or would like additional information, please contact Jadestone.

Email: consult@jadestone-energy.com **Phone: 08 9486 6600**

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