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Subject: Application for the decommissioning of the Ravn Field – Resume

This document is a resume of the application from Wintershall Noordzee B.V. (hereafter WINZ) for the decommissioning of the Ravn Field.

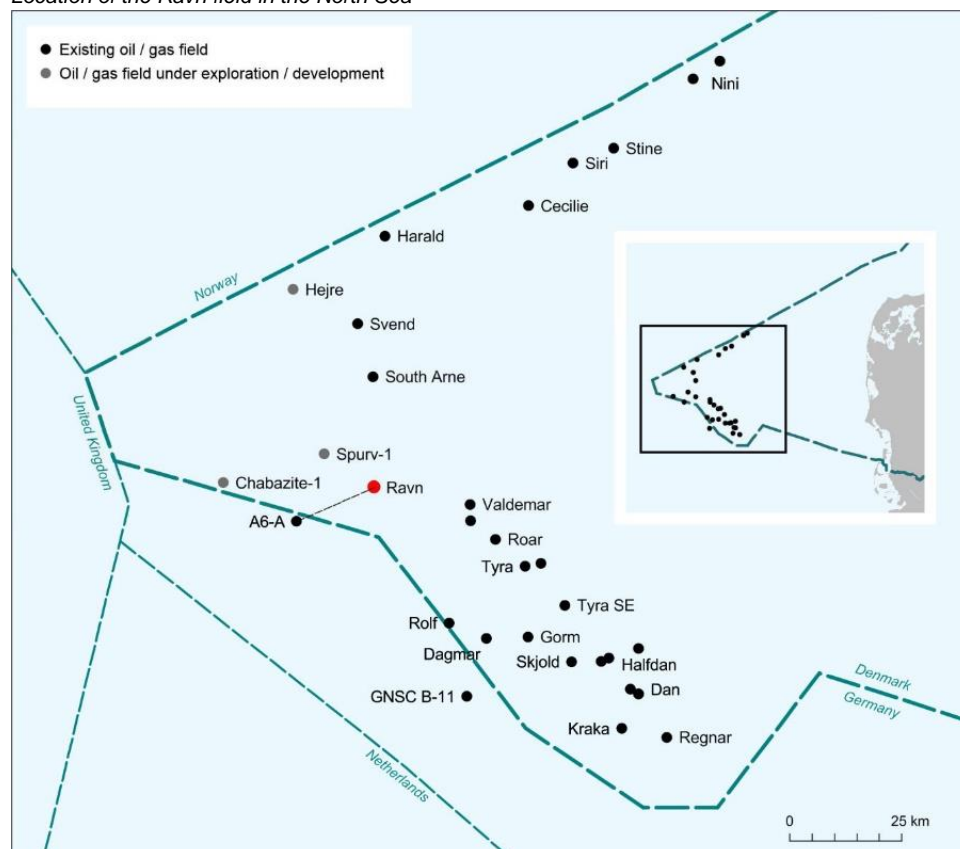
1. Location of the project

WINZ plans to decommission the Ravn Field, which had been producing oil and gas from January 2017 until mid-2020. The Ravn platform is located in the Greater Ravn area in license 5/06, Block 5504, approximately 245 km from the Danish west coast and 11.3 km northeast of the border between Germany and Denmark (see picture below). The platform is located at position 55°52'50.2" N, 4°14'5.4" E (ETRS89). The water depths around the site are consistently between 48 and 50 m LAT.

The Ravn field is developed as an unmanned oil production offshore platform where no processing takes place. The platform on the Danish Shelf has been producing oil and gas to the WINZ A6-A host platform in German waters via an 18 km long 8-inch multi-phase pipeline. Onboard A6-A the gas and oil were processed and transported to the Neptune F3-FB platform through the 118.8 km 4-inch oil export pipeline and 20-inch gas export pipeline. Besides the 8-inch multiphase pipeline, WINZ operates a 18 km long 3-inch gas lift pipeline and an umbilical for power, communication and chemicals between the A6-A and the Ravn platform.

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Location of the Ravn field in the North Sea



2. Legal framework

This document is a summary of the application for approval for the decommissioning of the Ravn Field.

The application has been prepared in accordance with the following Danish legislation:

The Subsoil act (Consolidation act no. 1533 of 16/12/2019)

The EIA act (Consolidation act no. 4 of 03/01/2023)

Order on the administration of international nature conservation areas and the protection of certain species in scientific studies, feasibility studies, exploration and production of hydrocarbons, subsoil storage, pipelines, etc. offshore (Executive Order no. 786 of 14/06/2023).

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3. Applicant, operator and partnership

WINZ is the applicant for the permit as well as the operator of the RAVN Field in partnership with Nordsøfonden (DNSF). WINZ is licence holder for licence 5/06 and 2/16.

As the current operator of the field, WINZ is responsible for the decommissioning of the Ravn Field

The partner interests for both licences is mentioned in the table below.

Partner interests Ravn field

Nordsøfonden	WINZ
36.36%	63.64%

4. Introduction decommissioning project

End 2021 WINZ as license holder together with JV partner DNSF decided not to pursue any (re)development of the (Greater) Ravn area because this turned out to be financially unattractive. After this decision had been taken, the preparational work started to set-up a decommissioning project. The purpose of the decommissioning project is to decommissioning one installation, two pipelines (8-inch and 3-inch), one umbilical and two platform wells. For this work an Environmental Impact Assessment report has been prepared. The scope of work is described in this report and covers the following aspects:

The decommissioning project covers:

- Disconnection of pipelines and umbilical at the ends and removal of the spool piece and umbilical sections that have been cut.
- Removal of topside and jacket
- Decommissioning of pipelines. 4 alternatives included:
 - Leaving in situ
 - Removal of materials above seabed
 - Removal by reversed installation or
 - Removal by cut and lift
- Post decommissioning site surveys
 - The platform will either be sent onshore for dismantling or for temporary storage for reuse.

A detailed description and assessment of the decommissioning activities and their effects on the environment is described in the Environmental Impact Assessment (EIA) for the project.

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5. Timeline

The high level decommissioning planning contains the following activities:

Decommissioning planning

Decommissioning activities Ravn field	Duration of activity	Planned year of execution
P&A of two platform wells with a Rig	60 days	2024
Disconnection of pipelines and umbilical with Diving Support Vessel (incl. spool piece removal)	Approx. 2 days (Excl. Waiting On Weather)	2024
Removal Ravn topside and jacket with a Heavy Lift Vessel	Approx. 1 week (Excl. Waiting On Weather)	2024
Post decommissioning surveys	Approx. 2 days (Excl. Waiting On Weather)	2024

The timeline may be subject to unforeseen changes.

Kind regards,

Wintershall Noordzee B.V.

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