

Application CP/4003/0 (Version 1)

Chemical Permit

Please provide all relevant data pertaining to the required Chemical Permit.

Licence / Well / Installation Operator Information

Licence / Well / Installation Operator	ADURA OPERATIONS LIMITED
Primary Contact Name	
Primary Contact Position	
Primary Contact Address	THE SILVER FIN BUILDING 455 UNION STREET ABERDEEN AB11 6DB
Primary Contact Telephone Number	
Primary Contact Email Address	

Installation Information

Installation	Jackdaw Wellhead Platform
Earliest Commencement Date	10th September 2026

Site Details

Water Depth (m)	75.9
Mean Residual Current (ms-1)	0.2
Platform Density (Platform km-2)	0.1
Volume of Ambient Water Per Platform (m3)	759000000
Organic Fraction in Sediment	0.04

Hydrocarbon Chemicals and Substitute Hydrocarbon Chemicals ("Oils") Waste Streams

Do any of the proposed operations involve the disposal of waste streams contaminated with hydrocarbon chemicals or substitute hydrocarbon chemicals?	N/A
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Annual Chemical Use

Separate tables should be completed detailing total annual chemical use and discharge (for the host discharging installation plus all the facilities tied-back to the host discharging installation) during the next three calendar years. The first year's entry may relate to a partially completed year, and should be derived from both actual and estimated chemical use and discharge. Subsequent entries should be based on estimated chemical use and discharge. Selections made for the first year can be carried over to the following year by using the copy/paste facility described below. This will pre-populate the next year's table with the selected chemicals and allow manual entry of quantity and risk assessment data.

Year: 2026

Continuous Use/Discharge

DTI ID	Chemical	Expired?	Chemical Function Group	Chemical Label Code	Estimated Use (kg)	Estimated Discharge (kg)	Dosage (mg/l)	App Process Stream	Fraction Discharged (%)	HQ / OCNS	RQ	Charm Algorithm	Discharge Code
28630	PARA12193B, ChampionX (Champion Technologies Ltd)		Wax Inhibitor	PL SUB	71879	0	-	Not Applicable	0	Gold	CNA	CNA	ZEX
27032	SCAL16662A, ChampionX (Champion Technologies Ltd)		Scale Inhibitor		2000	0	-	Not Applicable	0	Gold	CNA	CNA	ZEX
Footnotes													

Batch Use/Discharge

DTI ID	Chemical	Expired?	Chemical Function Group	Chemical Label Code	Estimated Use (kg)	Estimated Discharge (kg)	Dosage (mg/l)	App Process Stream	Fraction Discharged (%)	HQ / OCNS	RQ	Charm Algorithm	Discharge Code	Batch Use (kg)	Batch Dilution Factor
23125	SOBO S GOLD 08, Oil Technics Ltd		Detergent / Cleaning Fluid		1260	1260	35000	Not Applicable	100	Gold	0.597	CWS	BAT	105	0.000426
30445	Sobo S Gold 40, Oil Technics Ltd		Detergent / Cleaning Fluid		600	600	35000	Not Applicable	100	Gold	0.319	CWS	BAT	105	0.000426
5324	Castrol Brayco Micronic SV/3, Castrol Holdings Europe B.V		Hydraulic Fluid	SUB	0	0	-	Not Applicable	0	C	CNA	CNA	ZSS	0	-
23262	MEG (all grades), REDA Energy Ltd		Gas Hydrate Inhibitor	PLO			-	Not Applicable	0	E	CNA	CNA	ZCS	2592	-
23210	METHANOL (all grades), REDA Energy Ltd		Gas Hydrate Inhibitor	PLO			-	Not Applicable	0	E	CNA	CNA	ZEX	41000	-
30145	Castrol Brayco Micronic SV/4, Castrol Holdings Europe B.V		Hydraulic Fluid		1500	0	-	Not Applicable	0	D	CNA	CNA	ZSS	170	-
2044	MONOETHYLENE GLYCOL(1,2 ETHANEDIOL), FIS Chemicals Limited		Other	PLO			-	Not Applicable	100	E	CNA	CNA	BAT	23500	-
Footnotes															

Year: 2027

Continuous Use/Discharge

DTI ID	Chemical	Expired?	Chemical Function Group	Chemical Label Code	Estimated Use (kg)	Estimated Discharge (kg)	Dosage (mg/l)	App Process Stream	Fraction Discharged (%)	HQ / OCNS	RQ	Charm Algorithm	Discharge Code
28630	PARA12193B, ChampionX (Champion Technologies Ltd)		Wax Inhibitor	PL SUB	221600	0	-	Not Applicable	0	Gold	CNA	CNA	ZEX
27032	SCAL16662A, ChampionX (Champion Technologies Ltd)	This Chemical expires on 01/04/2027 but it is implicated in an operation which ends on 31/12/2027	Scale Inhibitor		19000	0	-	Not Applicable	0	Gold	CNA	CNA	ZEX
Footnotes													

Batch Use/Discharge

DTI ID	Chemical	Expired?	Chemical Function Group	Chemical Label Code	Estimated Use (kg)	Estimated Discharge (kg)	Dosage (mg/l)	App Process Stream	Fraction Discharged (%)	HQ / OCNS	RQ	Charm Algorithm	Discharge Code	Batch Use (kg)	Batch Dilution Factor
23125	SOBO S GOLD 08, Oil Technics Ltd		Detergent / Cleaning Fluid		1260	1260	35000	Not Applicable	100	Gold	0.597	CWS	BAT	105	0.000426
30445	Sobo S Gold 40, Oil Technics Ltd		Detergent / Cleaning Fluid		1260	1260	35000	Not Applicable	100	Gold	0.319	CWS	BAT	105	0.000426
5324	Castrol Brayco Micronic SV/3, Castrol Holdings Europe B.V	This Chemical expires on 19/06/2027 but it is implicated in an operation which ends on 31/12/2027	Hydraulic Fluid	SUB	0	0	-	Not Applicable	0	C	CNA	CNA	ZCS	0	-
23262	MEG (all grades), REDA Energy Ltd		Gas Hydrate Inhibitor	PLO			-	Not Applicable	0	E	CNA	CNA	ZSS	2592	-
23210	METHANOL (all grades), REDA Energy Ltd		Gas Hydrate Inhibitor	PLO			-	Not Applicable	0	E	CNA	CNA	ZEX	41000	-
30145	Castrol Brayco Micronic SV/4, Castrol Holdings Europe B.V		Hydraulic Fluid		1500	0	-	Not Applicable	0	D	CNA	CNA	ZSS	170	-
Footnotes															

Year: 2028															
Continuous Use/Discharge															
DTI ID	Chemical	Expired?	Chemical Function Group	Chemical Label Code	Estimated Use (kg)	Estimated Discharge (kg)	Dosage (mg/l)	App Process Stream	Fraction Discharged (%)	HQ / OCNS	RQ	Charm Algorithm	Discharge Code		
28630	PARA12193B, ChampionX (Champion Technologies Ltd)	This Chemical expires on 20/06/2028 but it is implicated in an operation which ends on 31/12/2028	Wax Inhibitor	PL SUB	202800	0	-	Not Applicable	0	Gold	CNA	CNA	ZEX		
27032	SCAL16662A, ChampionX (Champion Technologies Ltd)	This Chemical expires on 01/04/2027 but it is implicated in an operation which ends on 31/12/2028	Scale Inhibitor		73200	0	-	Not Applicable	0	Gold	CNA	CNA	ZEX		
Footnotes															

Batch Use/Discharge															
DTI ID	Chemical	Expired?	Chemical Function Group	Chemical Label Code	Estimated Use (kg)	Estimated Discharge (kg)	Dosage (mg/l)	App Process Stream	Fraction Discharged (%)	HQ / OCNS	RQ	Charm Algorithm	Discharge Code	Batch Use (kg)	Batch Dilution Factor
23125	SOBO S GOLD 08, Oil Technics Ltd		Detergent / Cleaning Fluid		1260	1260	35000	Not Applicable	100	Gold	0.597	CWS	BAT	105	0.000426
30445	Sobo S Gold 40, Oil Technics Ltd	This Chemical expires on 09/01/2028 but it is implicated in an operation which ends on 31/12/2028	Detergent / Cleaning Fluid		1260	1260	35000	Not Applicable	100	Gold	0.319	CWS	BAT	105	0.000426

DTI ID	Chemical	Expired?	Chemical Function Group	Chemical Label Code	Estimated Use (kg)	Estimated Discharge (kg)	Dosage (mg/l)	App Process Stream	Fraction Discharged (%)	HQ / OCNS	RQ	Charm Algorithm	Discharge Code	Batch Use (kg)	Batch Dilution Factor
5324	Castrol Brayco Micronic SV/3, Castrol Holdings Europe B.V	This Chemical expires on 18/06/2027 but it is implicated in an operation which ends on 31/12/2028	Hydraulic Fluid	SUB	0	0	-	Not Applicable	0	C	CNA	CNA	ZCS	0	-
23262	MEG (all grades), REDA Energy Ltd		Gas Hydrate Inhibitor	PLO			-	Not Applicable	0	E	CNA	CNA	ZSS	2592	-
23210	METHANOL (all grades), REDA Energy Ltd		Gas Hydrate Inhibitor	PLO			-	Not Applicable	0	E	CNA	CNA	ZEX	41000	-
30145	Castrol Brayco Micronic SV/4, Castrol Holdings Europe B.V		Hydraulic Fluid		1500	0	-	Not Applicable	0	D	CNA	CNA	ZSS	170	-
Footnotes															

Risk Assessment

Applications for chemical permits and permit variations must be supported by a chemical risk assessment that can be uploaded in this section as a separate file (preferred) or included in the Environmental Impact Assessment. Where the risk assessment is not based on the generation of Risk Quotient (RQ) values using the CHARM model, the name(s) of the selected model(s), including version number(s), must be provided in the following text box, and a brief description of the model(s), the parameters used to run the model(s) and supporting information justifying the use of the selected model(s) must be provided in the chemical risk assessment, or in a separate uploaded file or files.

Text Input	A new CRA has been provided as this is a new chemical permit application.
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Chemical Summary

Year: 2026					
DTI ID	Chemical	Chemical Function Group	Chemical Label Code	Aggregate Use (kg)	Aggregate Discharge (kg)
5324	Castrol Brayco Micronic SV/3, Castrol Holdings Europe B.V	Hydraulic Fluid	SUB	0	0
30145	Castrol Brayco Micronic SV/4, Castrol Holdings Europe B.V	Hydraulic Fluid		1500	0
23262	MEG (all grades), REDA Energy Ltd	Gas Hydrate Inhibitor	PLO		
23210	METHANOL (all grades), REDA Energy Ltd	Gas Hydrate Inhibitor	PLO		
2044	MONOETHYLENE GLYCOL(1,2 ETHANEDIOL), FIS Chemicals Limited	Other	PLO		

Year: 2026					
DTI ID	Chemical	Chemical Function Group	Chemical Label Code	Aggregate Use (kg)	Aggregate Discharge (kg)
28630	PARA12193B, ChampionX (Champion Technologies Ltd)	Wax Inhibitor	PL SUB	71879	0
27032	SCAL16662A, ChampionX (Champion Technologies Ltd)	Scale Inhibitor		2000	0
23125	SOBO S GOLD 08, Oil Technics Ltd	Detergent / Cleaning Fluid		1260	1260
30445	Sobo S Gold 40, Oil Technics Ltd	Detergent / Cleaning Fluid		600	600

Year: 2027					
DTI ID	Chemical	Chemical Function Group	Chemical Label Code	Aggregate Use (kg)	Aggregate Discharge (kg)
5324	Castrol Brayco Micronic SV/3, Castrol Holdings Europe B.V	Hydraulic Fluid	SUB	0	0
30145	Castrol Brayco Micronic SV/4, Castrol Holdings Europe B.V	Hydraulic Fluid		1500	0
23262	MEG (all grades), REDA Energy Ltd	Gas Hydrate Inhibitor	PLO		
23210	METHANOL (all grades), REDA Energy Ltd	Gas Hydrate Inhibitor	PLO		
28630	PARA12193B, ChampionX (Champion Technologies Ltd)	Wax Inhibitor	PL SUB	221600	0
27032	SCAL16662A, ChampionX (Champion Technologies Ltd)	Scale Inhibitor		19000	0
23125	SOBO S GOLD 08, Oil Technics Ltd	Detergent / Cleaning Fluid		1260	1260
30445	Sobo S Gold 40, Oil Technics Ltd	Detergent / Cleaning Fluid		1260	1260

Year: 2028					
DTI ID	Chemical	Chemical Function Group	Chemical Label Code	Aggregate Use (kg)	Aggregate Discharge (kg)
5324	Castrol Brayco Micronic SV/3, Castrol Holdings Europe B.V	Hydraulic Fluid	SUB	0	0
30145	Castrol Brayco Micronic SV/4, Castrol Holdings Europe B.V	Hydraulic Fluid		1500	0
23262	MEG (all grades), REDA Energy Ltd	Gas Hydrate Inhibitor	PLO		
23210	METHANOL (all grades), REDA Energy Ltd	Gas Hydrate Inhibitor	PLO		
28630	PARA12193B, ChampionX (Champion Technologies Ltd)	Wax Inhibitor	PL SUB	202800	0
27032	SCAL16662A, ChampionX (Champion Technologies Ltd)	Scale Inhibitor		73200	0
23125	SOBO S GOLD 08, Oil Technics Ltd	Detergent / Cleaning Fluid		1260	1260
30445	Sobo S Gold 40, Oil Technics Ltd	Detergent / Cleaning Fluid		1260	1260

SAT Reference CP/4003/0 (Version 1)
Approval Type Chemical Permit

MAT Reference PRA/357
MAT Type Production/Storage
Operations

Status Submitted
Date Submitted 13th July 2026
16:01:36

Host Jackdaw Wellhead
Discharging/Other Platform
Installation JACKDAW
Field

Operator ADURA OPERATIONS
LIMITED

Folder Ref 01.01.01.01-6902U



SAT Change History

There have been 0 change(s) to this SAT.

MAT - PRA/357

Operation Information

Licence / Well / Installation Operator

Operator Type	Production Licence Operator (Traditional)
Is the licence operator or licensee different from the applicant	No

Previous Environmental Statement, PON15, Decommissioning Programme or MAT

Have the proposed operations been the subject of an Environmental Statement, a previous PON15, Decommissioning Programme or MAT?	Yes
What was the DECC project number?	D/4260/2021

Environmental Management System

Are the proposed operations covered by an Environmental Management System (EMS) approved by the Department?	Yes
Please indicate the date of the last certification or verification	1st December 2025

Oil Pollution Emergency Plan

Are the proposed operations covered by an Oil Pollution Emergency Plan (OPEP)?	Yes
Please provide the Department's OPEP reference number	250049
Has the OPEP, and any relevant bridging documents, been approved by the Department?	Yes
Please indicate when the OPEP and any relevant bridging documents were approved	7th July 2026

OPOL Membership

Does the licence operator or a relevant licensee have OPOL membership?	Yes
Is the licence operator or licensee different from the applicant	false
Please indicate when the licence operator or licensee joined OPOL	1st December 2025
Do the licensees have alternative or additional pollution indemnity arrangements to OPOL membership?	No

Environmental Considerations

Details on how the environmental sensitivities, marine planning policies and any licence conditions and obligations have been addressed, and details of any third party consultations undertaken, must be included in the EIA. Details of relevant marine planning policies can be found at <http://mis.marinemanagement.org.uk/index2.htm>. Failure to provide full details may result in the application being returned or being delayed.

Protected Conservation Sites

Are there any protected conservation sites (e.g. SPA, SAC, SCI, SSSI, RAMSAR, MCZ or MPA) within 40km of the operation's location?		Yes
Name And Type of Site	Designating Features	Distance From Operations (km)
Fulmar MCZ	A. islandica and features broad scale habitats of subtidal sand, mud and mixed sediment	31
Gytfel for makrell PVA	Mackerel Spawning grounds	11
Sources	- https://jncc.gov.uk/our-work/about-marine-protected-areas/ - Other: Please enter a description of the source(s) and any relevant scale/index in the box provided	

Spawning Locations

Does the location and timing of the operations coincide with any fish or shellfish spawning or nursery areas?		Yes										
Species Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Anglerfish	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ
Blue whiting	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ
Cod	SNJ	S*NJ	S*NJ	SNJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ
Haddock	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ
European Hake	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ
Herring	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ
Lemon sole	N	N	N	SN	SN	SN	SN	SN	SN	N	N	N
Ling	N	N	N	N	N	N	N	N	N	N	N	N
Mackerel	NJ	NJ	NJ	NJ	S*NJ	S*NJ	S*NJ	SNJ	NJ	NJ	NJ	NJ
Norway pout	SNJ	S*NJ	S*NJ	SNJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ
Plaice	S*NJ	S*NJ	SNJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ
Sandeels	SN	SN	N	N	N	N	N	N	N	N	SN	SN
Spurdog	N	N	N	N	N	N	N	N	N	N	N	N
Whiting	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ
Sources	- Other: Please enter a description of the source(s) and any relevant scale/index in the box provided - Fisheries Sensitivity Maps in British Waters, Coull, Johnstone and Rogers, UKOOA (1998)											

Marine Mammal Sensitivities

Does the location and timing of the operations coincide with any marine mammal sensitivities e.g. high densities or seal pupping?		Yes											
Species Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Atlantic White-sided dolphin							2		2				
Harbour porpoise						3	2	3	3				
Minke whale					3	3	2	3					
White-beaked dolphin					3	2	3	3	3	3	3		
Sources	- Reid et al, (2003). Atlas of cetacean distribution in north-west European waters. Joint Nature Conservancy Committee.												

Seabird Sensitivity

Are there times of the year when seabirds in the vicinity of the proposed development are more sensitive than at other times of the year?		Yes											
Quadrant/Block		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Quadrant	23	5	5	5*	N	5*	5	5	5	3	3*	N	5*
Block	26												
Suffix													
Quadrant	23	5	5	5*	N	5*	5	5	5	5	5*	N	5*
Block	27												
Suffix													
Quadrant	30	5*	5	5*	N	5*	5	5	5	5*	N	N	N
Block	01												
Suffix													
Quadrant	30	5	5	5*	N	5*	5	5	5	5*	N	N	5*
Block	02												
Suffix													
Quadrant	30	5	5	5*	N	4*	4	5	5	5*	N	N	5*
Block	03												
Suffix													
Quadrant	30	5*	5	5*	N	5*	5	5	5	5*	N	N	N
Block	06												
Suffix													
Quadrant	30	5	5	5*	N	5*	5	5	5	5*	N	N	5*
Block	07												
Suffix													
		5	5	5*	N	1*	1	5	5	5*	N	N	5*

Quadrant/Block		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Quadrant	30												
Block	08												
Suffix													
Sources	- Seabird Oil Sensitivity Index (SOSI), Webb et al, (2016)												

Licence Conditions, Recommendations or Model Clauses

Are there any licence conditions, recommendations or model clauses relevant to the impact assessment of the proposed operations?	No
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Areas Licenced to a Third Party

If operations extend into an area or areas licenced to a third party, have you obtained the permission of the relevant third party?	N/A
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Crown Estates

If operations extend into an area or areas leased to a third party by The Crown Estates, have you consulted the relevant third party?	N/A
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Relevant Consultees

Have you discussed the operations with any relevant consultees, e.g. JNCC, Cefas, Marine Scotland or the Ministry of Defence?	Yes
Please indicate which consultees were consulted, and when the discussions took place	JNCC - 17/03/2023

Fishermen's Representative Bodies

Have you discussed the operations with any relevant fishermen's representative bodies, e.g. NFFO, SFF, ANIFPO?	No
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Marine Planning

Does the operation fall within area covered by an adopted marine plan?	Yes
Please confirm the relevant marine plan area	SCOTTISH_MP
Please list the marine plan policies and/or objectives that are relevant to the proposed operations	GEN 1 – General Planning and Principle, GEN 4 – Co-existence, GEN5 – Climate Change, GEN 9 – Natural Heritage, GEN 12 – Water Quality and Resource, GEN 13 – Noise, GEN 14 – Air Quality, GEN 21 – Cumulative Impacts.
Are the proposed operations in accordance with the relevant marine plan policies and/or objectives	Yes

Project Information

Production / Storage Licence Number

Production / Storage Licence number	P98
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Production/Installation

Name or identifier of production / host discharging Installation	Jackdaw Wellhead Platform
Installation Type	PSS - Platform - Small Steel
Field	JACKDAW

Block Reference

Quadrant	30
Block	02
Suffix	

Location

Datum	WGS84
Coordinates	56 54 01.37 North 02 22 45.45 East
Nearest Coastline Distance (km)	275
Which Coastline	Scotland
Nearest Median Line Distance (km)	5
Which Median Line	UK/Norway

Subsidiary Fields Tied-Back to the Production / Host Installation

No information has been provided for any subsidiary fields.

Water Depth

Water depth (metres)	75.9
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High Pressure/High Temperature

Are any of the fields served by the production/host discharging installation high pressure (HP) and/or high temperature (HT)?	Yes	
Please indicate whether the field is high pressure (HP), high temperature (HT) or both	High Pressure	✓
	High Temperature	✓

Hydrocarbons Being Processed

Please indicate which hydrocarbons are processed on the production/host discharging installation

Oil	
Gas	✓
Condensate	✓

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HostJackdaw Wellhead
Discharging/OtherPlatform
InstallationJACKDAW
Field

Operator ADURA OPERATIONS
LIMITED

Folder Ref 01.01.01.01-6902U



N/A	
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Gas Storage

Please indicate the type of storage activity

Gas	
Carbon Dioxide	
N/A	✓