



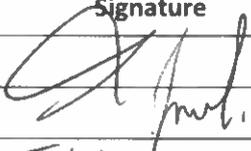
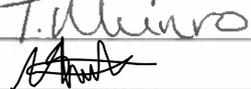
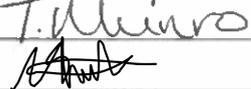
**TARTAN TOPSIDES  
DECOMMISSIONING PROGRAMME**

**FINAL**

**October 2022**

## Document Control

### Approvals

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### Revision Control

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### Distribution List

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OPRED	Offshore Petroleum Regulator for Environment and Decommissioning	1

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## Terms and Abbreviations

Abbreviation	Explanation
°	Degree
%	Percentage
BAT	Best Available Technique
BEP	Best Environmental Practise
c.	Circa (approximately)
CA	Comparative Assessment
DCR	The Offshore Installation and Wells (Design and Construction etc.) Regulations 1996 (SI1996/913)
DP	Decommissioning Programme
E	East
EA	Environmental Appraisal
EDC	Engineering Down & Cleaning
ESAS	European Seabirds at Sea
EUNIS	European Nature Information System
FPAL	First Point Assessment
GL	Gas Lifted (well)
H	Height
HLV	Heavy-Lift Vessel
HSE	Health and Safety Executive
ICES	International Council for Exploration of the Sea
JNCC	Joint Nature Conservation Committee
km	Kilometre
L	Length
m	Metre
m <sup>2</sup>	Metres Squared
m <sup>3</sup>	Cubic Metres
MAT	Master Application Template
mm	Millimetre
MSF	Module Support Frame
N	North
NCMPA	Nature Conservation Marine Protected Area
NFFO	National Federation of Fishermen's Organisations

Abbreviation	Explanation
NORM	Naturally Occurring Radioactive Material
N/A	Not Applicable
OGA	Oil and Gas Authority
OGUK	Oil and Gas UK
OPRED	Offshore Petroleum Regulator for Environment and Decommissioning
OSPAR	from Oslo/Paris, the Convention for the Protection of the Marine Environment of the North East Atlantic
P&A	Plug & Abandonment
PMF	Priority Marine Feature
PON5	Petroleum Operations Notice 5
PWA	Pipeline Works Authority
S29	Section 29
SAC	Special Area of Conservation
SAT	Subsidiary Application Template
SCAP	Supply Chain Action Plan
SEPA	Scottish Environment Protection Agency
SFF	Scottish Fishermen's Federation
SIMOPS	Simultaneous Operations
SLV	Single Lift Vessel
SNH	Scottish National Heritage
ST	Side Tracked
Te/ te	tonnes
TFSW	Trans Frontier Shipment of Waste
TNT	Tartan North Terrace
TS	Tartan Satellite
UK	United Kingdom
UKBAP	United Kingdom Biodiversity Action Plan
UKCS	United Kingdom Continental Shelf
UKHO	United Kingdom Hydrographic Office
WGS84	World Geodetic System 1984
£m	Million Pounds

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## **1 EXECUTIVE SUMMARY**

### **1.1 Decommissioning Programme**

This document contains one Decommissioning Programme (DP) for the Topsides Facilities associated with the Tartan Alpha (A) Platform operated by Repsol Sinopec Resources UK Limited.

It forms part of the overall Tartan Area Decommissioning, which also includes the Tartan Substructure (Jacket), Tartan Subsea (TNT, TS, Petronella & Highlander), Duart and Galley which will be covered by separate Decommissioning Programmes.

A summary of the Tartan Topsides facility to be decommissioned is provided in the Tables in Sections 1.4.1 and 1.4.2.

### **1.2 Requirement for Decommissioning Programme**

#### **Installation:**

In accordance with the Petroleum Act 1998, the Section 29 notice holders of the Tartan Area Field (see Table 1.4) are applying to the Offshore Petroleum Regulator for Environment and Decommissioning (OPRED) to obtain approval for the decommissioning of the Topside detailed in Section 2.3 of this programme. (See also Section 8 – Partner Letter(s) of Support).

In conjunction with public, stakeholder and regulatory consultations, the DP is submitted in compliance with national and international regulations and OPRED guidelines. The offshore decommissioning activities started in 2020 with the Tartan field CoP, and the Tartan Topsides decommissioning project activities are expected to last until 2030 (see Section 6.3).

### **1.3 Introduction**

The Tartan Development Area comprises a number of fields; Figure 1-1; tied back to the Tartan A Platform located in Block 15/16, approximately 140km east of the nearest Scottish coastline and in a water depth of approximately 138m. The fields include Tartan, Highlander, Duart, Petronella and Galley. From the Tartan A platform, the processed oil is exported to the Claymore platform. In addition, a gas export/import pipeline ties into the Frigg Gas Pipeline System. The Tartan Development Area consists of 92 wells; 21 Platform wells and 71 subsea wells; however, this DP relates specifically to Topsides; which consists of 21 wells; Figure 1-2.

The platform comprises a steel jacket substructure, founded on an array of 28 driven steel tubular piles, supporting a module support frame (MSF) on which topsides modular packages are mounted. The platform supports accommodation, process facilities, utilities including power generation, wellheads and drilling facilities.

Tartan A lies in the south-eastern area of the Fladen Ground in the central North Sea within the area covered by the Scottish National Marine Plan. It is c. 25km from the Scanner Pockmark Special Areas of Conservation (SAC's), and c. 35km from the Central Fladen Ground (CFG) Nature Conservation Marine Protected Area (NCMPA).

Following public, stakeholder and regulatory consultation (Section 5 ) this DP will be submitted without derogation and in full compliance with OPRED guidelines. This DP explains the principles of the removal activities. If there is a delay between jacket and topsides removal activities, appropriate navigational aids shall be put in place as per Consent to Locate requirements.

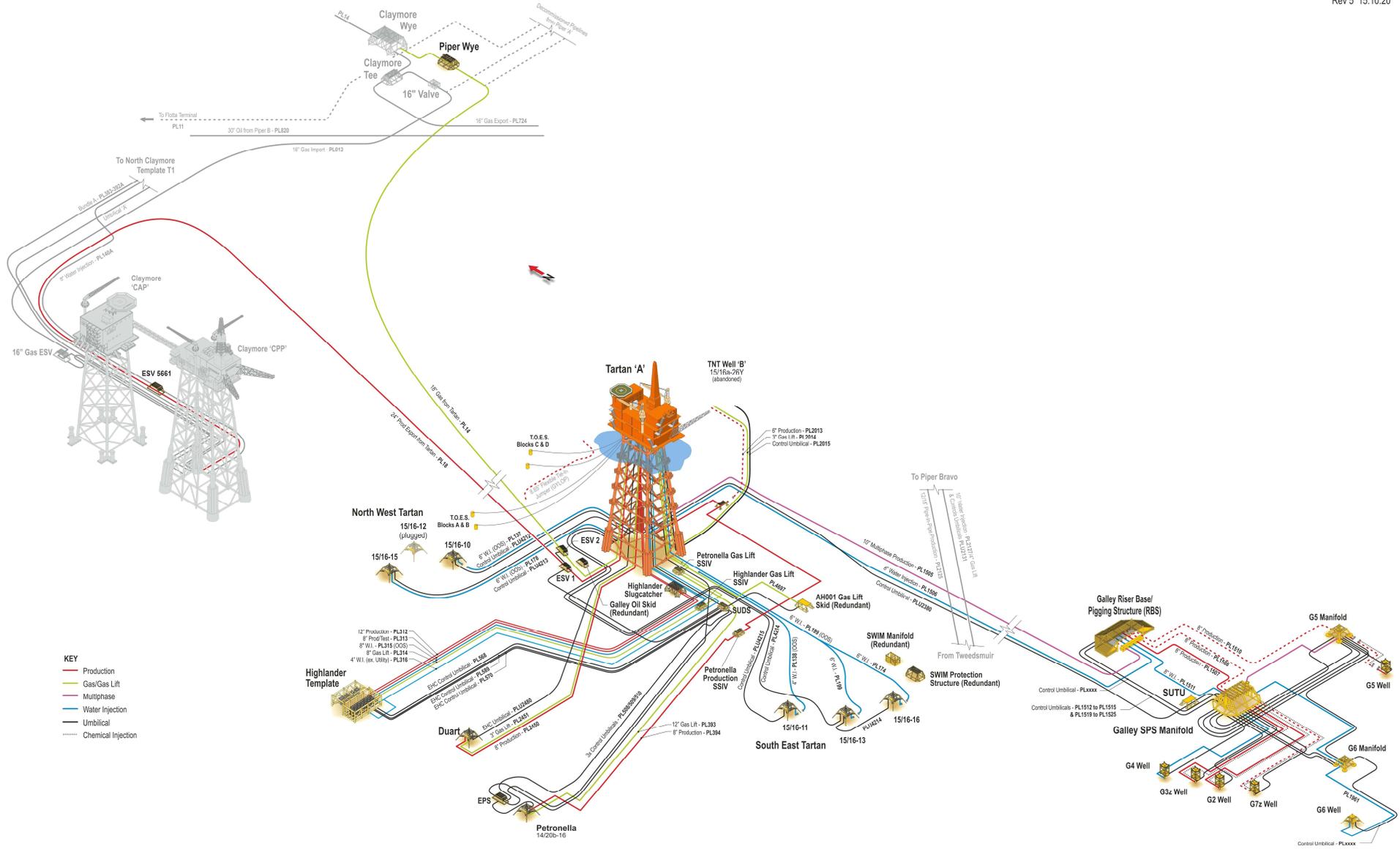


Figure 1-1: Schematic showing the Tartan Development Area

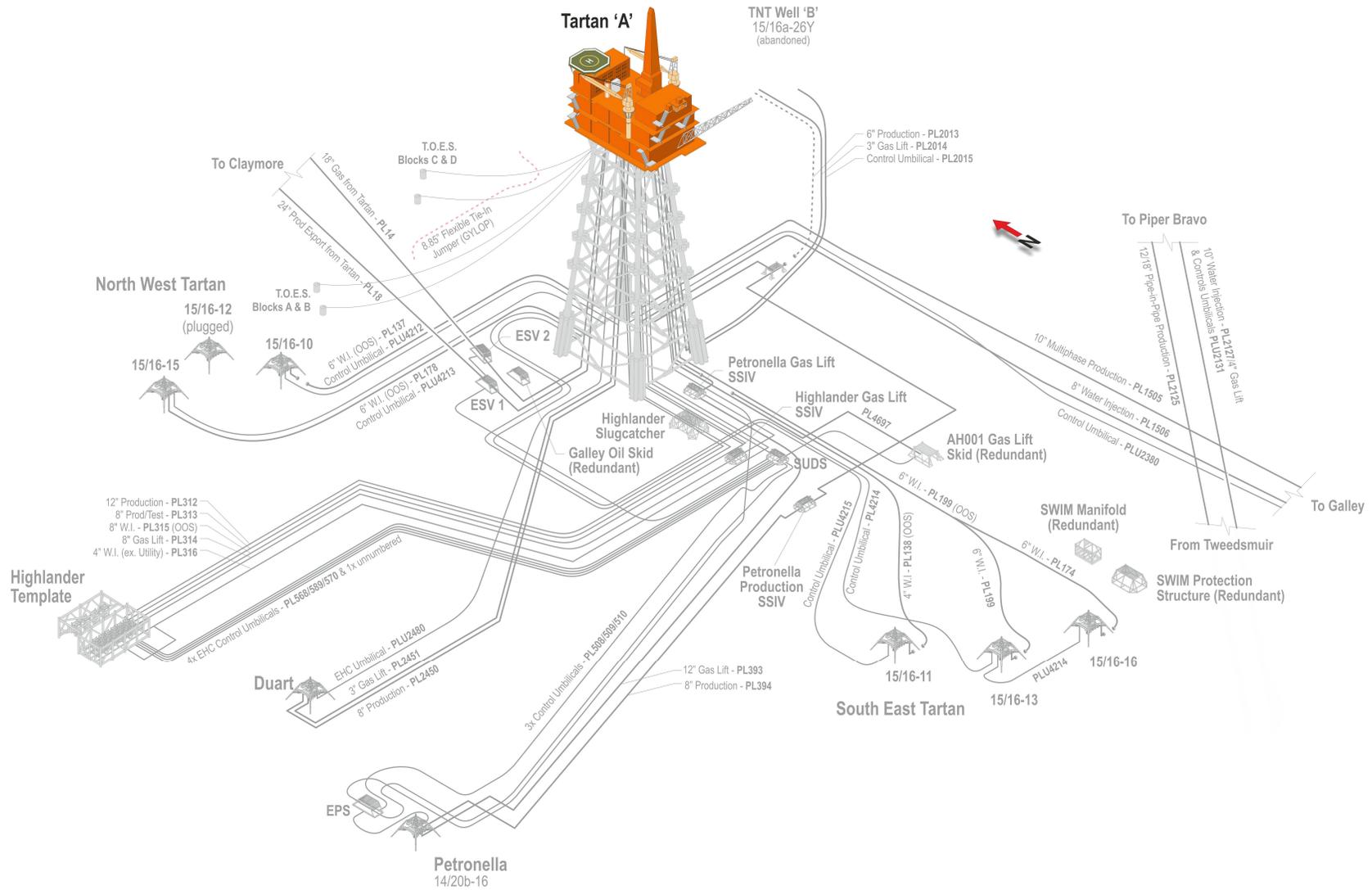


Figure 1-2: Tartan A Platform Topsides

## 1.4 Overview of Installation(s)/Pipeline(s) Being Decommissioned

### 1.4.1 Installation(s)

Table 1-1: Installation(s) Being Decommissioned			
Field(s)	Tartan Area	Production Type (Oil/Gas/Condensate)	Oil
Water Depth (m)	138	UKCS block	15/16
Distance to median (km)	82.5	Distance from nearest UK coastline (km)	140
Surface Installation(s)			
Number	Type	Topsides Weight (Te)	Jacket Weight (Te)
1	4 legged fixed	15,719	N/A <sup>1</sup>
Subsea Installation(s)		Number of Wells	
Number	Type	Platform	Subsea
N/A <sup>2</sup>		21	N/A
Drill Cuttings pile(s)			
Number of Piles	N/A	Total Estimated Volume (m <sup>3</sup> )	N/A

Table 1-2: Installation(s) Section 29 Notice Holders Details		
Section 29 Notice Holder(s)	Registration Number	Equity Interest (%)
<b>Tartan A</b>		
<i>Section 29 Notices Holders who are owners</i>		
Repsol Sinopec Oil Trading Limited	02307374	100.00
<i>Section 29 Notice Holders who are not owners</i>		
Repsol Sinopec Resources UK Limited	00825828	0% Current
Chevron Captain Company LLC	FC005494	0% Exited
Texaco North Sea U.K. Limited	00807340	0% Exited

<sup>1</sup> The Tartan jacket is covered by a separate DP

<sup>2</sup> The Tartan Development Area Subsea Installations are covered by separate DPs

### 1.4.2 Pipeline(s)

Table 1-3: Pipeline(s) Being Decommissioned	
Number of Pipeline(s) Details given in Table 2.3	N/A

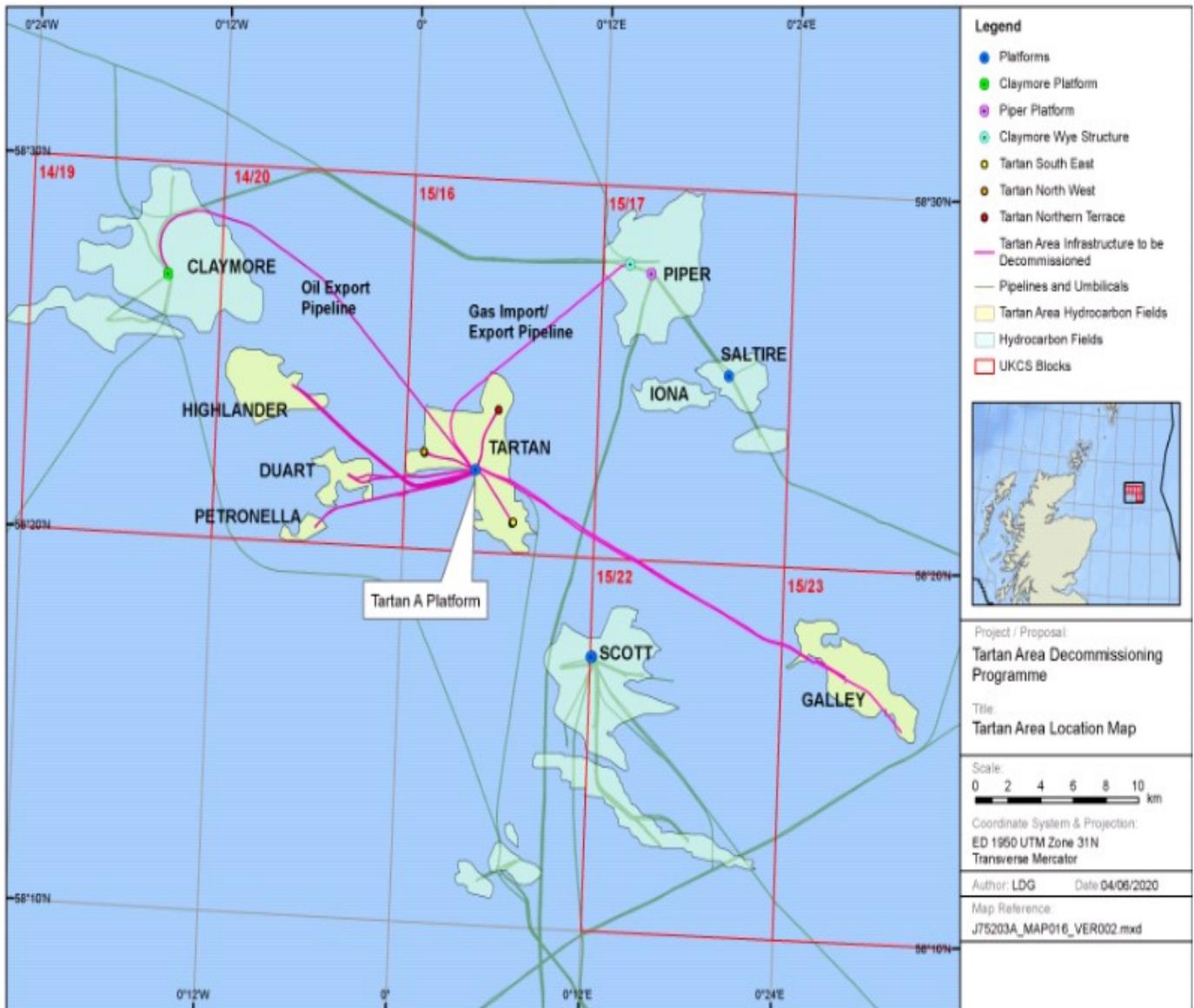
Table 1-4: Pipeline(s) Section 29 Notice Holders Details		
Section 29 Notice Holder(s)*	Registration Number	Equity Interest (%)
<i>Section 29 Notices Holders who are owners</i>		
N/A		
<i>Section 29 Notice Holders who are not owners</i>		
N/A		

## 1.5 Summary of Proposed Decommissioning Programmes

Table 1-5: Summary of Decommissioning Programme(s)		
Selected Option	Reason for Selection	Proposed Decommissioning Solution
<b>1. Topsides</b>		
Complete removal and recycling onshore.	Complies with OSPAR requirement for complete removal and maximises recycling of materials.	The topsides will be removed and transported to shore and recycled unless alternative options are identified to be viable and more appropriate.
<b>2. Substructures (Jackets/FPSO etc)</b>		
N/A		
<b>3. Subsea Installation(s)</b>		
N/A		
<b>4. Pipelines, Flowlines &amp; Umbilicals</b>		
N/A		
<b>5. Wells</b>		
Wells will be plugged and abandoned to Repsol Sinopec Resources UK Limited standards which comply with "Offshore Installations and Wells (Design and Construction, etc.) Regulations 1996" and align with Oil & Gas UK Guidelines; Well Decommissioning Guidelines (Issue 6, June 2018).	Meets HSE regulatory requirements in accordance with OGUK and OGA.	A Master Application Template (MAT) and the supporting Subsidiary Application Template (SAT) will be submitted in support of activities carried out. A PON5 will also be submitted to OGA for application to abandon the wells. Additionally, planned work will be reviewed by a well examiner to Repsol Sinopec Resources UK Limited standards then submitted to the HSE for review.
<b>6. Drill Cuttings</b>		
N/A		
<b>7. Interdependencies</b>		
Topsides Engineering Down & Cleaning (EDC) and Platform Well P&A will require completion prior to removal of Topsides.		

## 1.6 Field Location Including Field Layout and Adjacent Facilities

Figure 1-3: Field Location in UKCS.



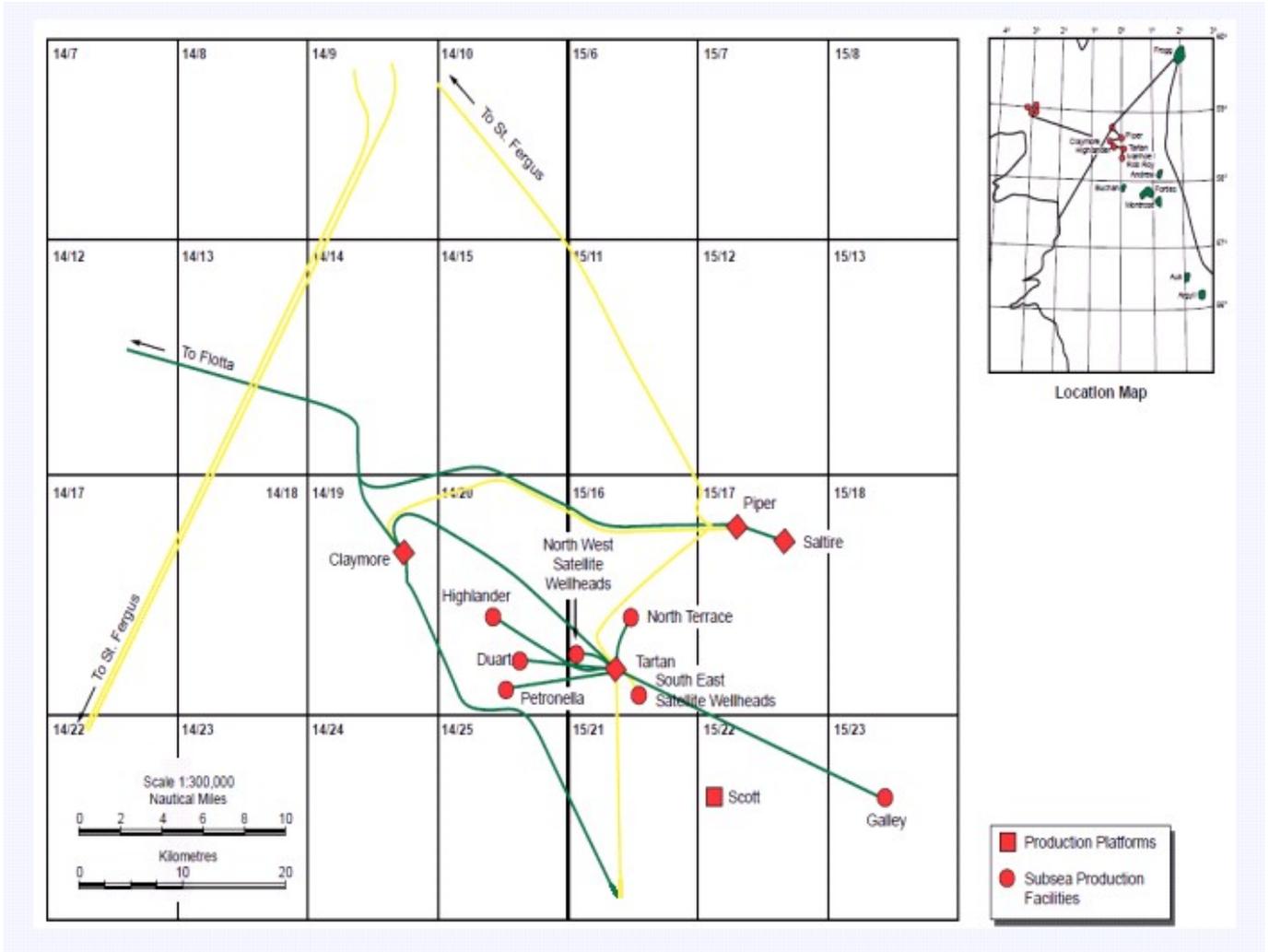
**Table 1-6: Adjacent Facilities**

Owner	Name	Type	Distance/Direction	Information	Status
CNOOC International	Scott	Fixed Platform	13km South East	Production steel drilling and Accommodation steel jack-up	Active
Repsol Sinopec Resources UK Limited	Piper B	Fixed Platform	13km North East	Drilling Production & Accommodation Fixed steel	Active
Repsol Sinopec Resources UK Limited	Saltire	Fixed Platform	16km East North East	Drilling production steel	Cessation of Production
Repsol Sinopec Resources UK Limited	Claymore	Fixed Platform	27km North West	Drilling Production & Accommodation - steel	Active
Repsol Sinopec Resources UK Limited	Highlander	Field	12km West North West	Field	Suspension of Production (Wells Suspended)
Repsol Sinopec Resources UK Limited	Petronella	Field	10.2km West South West	Field	Suspension of Production (Wells Suspended)
Repsol Sinopec Resources UK Limited	Duart	Field	7.8km West	Field	Suspension of Production (Wells Suspended)
Repsol Sinopec Resources UK Limited	Galley	Field	24.9km East South East	Field	Suspension of Production (Wells Suspended)

**Impacts of Decommissioning Proposals**

None of the adjacent facilities listed above are affected by this decommissioning programme. However, the operators of these installations will be contacted to investigate any benefits and cost savings available through co-operation and alignment of decommissioning activities.

Figure 1-4: Adjacent Facilities.



## 1.7 Industrial Implications

It is Repsol Sinopec Resources UK Limited’s intention to develop a contract strategy that will result in an efficient and cost-effective execution of the decommissioning works. Repsol Sinopec Resources UK Limited will also try to combine Tartan Area decommissioning activities with other developments or decommissioning activities to reduce mobilisation and demobilisation costs should the opportunity arise. The decommissioning schedule is intended to allow flexibility for when decommissioning operations are carried out and completed.

Repsol Sinopec Resources UK Limited will demonstrate this intention by:

- Publishing information on the decommissioning project and timelines on its decommissioning website;
- Working closely with OGA and other industry bodies in engagement sessions with the decommissioning supply chain on issues relating to this DP and timeline, including engaging directly with disposal yards that serve the North Sea;
- Utilising the First Point Assessment (FPAL) database as a source for establishing tender lists for contracts/purchases;
- Competitively tendering all removal scopes, including the onshore disposal scope;
- Aligning supply chain and decommissioning activity, wherever possible, with Operators of adjacent infrastructure to optimise efficiencies and cost reduction;
- Development and submission of the Supply Chain Action Plan (SCAP) to the OGA.

## 2 DESCRIPTION OF ITEMS TO BE DECOMMISSIONED

### 2.1 Installation(s): Surface Facilities (Topsides/Jacket(s)/FPSO etc.)

Table 2-1: Surface Facilities Information									
Name	Facility Type	Location		Topsides/Facilities		Jacket (if applicable)			
				Weight (Te)	No of modules	Weight (Te)	Number of legs	Number of piles	Weight of piles (Te)
Tartan Alpha	4-legged Platform	WGS84 Decimal	58.36925 N, 0.072033 E	15,719	28	N/A	N/A	N/A	N/A
		WGS84 Decimal Minute	58° 22.155' N, 0° 4.322' E						

### 2.2 Installation(s): Subsea including Stabilisation Features

Table 2-2: Subsea Installations and Stabilisation Features					
Subsea installations*including Stabilisation Features	Number	Size(m)/Weight (Te)	Location		Comments/Status
N/A					

## 2.3 Pipelines Including Stabilisation Features

Table 2-3: Pipeline/Flowline/Umbilical Information									
Description	Pipeline Number	Diameter (mm)	Length (km)	Description of Component Parts	Product Conveyed	From – To End Points	Burial Status	Pipeline Status	Current Content
N/A									

Table 2-4: Subsea Pipeline Stabilisation Features				
Stabilisation Feature	Total Number	Weight (Te)	Location(s)	Exposed/Buried/Condition
N/A				

## 2.4 Wells

Table 2-5: Well Information			
Platform Wells	Designation	Status	Category of Well
15/16-T1Z	Development	Abandoned-ST	N/A
15/16-T2	Development	Abandoned-ST	N/A
15/16-T3	Water Injector	Plugged	PL 4/0/2
15/16-T4	Water Injector	Suspended	PL 0/0/2
15/16-T5	Water Injector	Suspended	PL 4/2/2
15/16-T6	Water Injector	Suspended	PL 4/2/2
15/16-T7Y	GL Producer	Shut in	PL 4/3/2
15/16-T8	GL Producer	Plugged	PL 4/2/2
15/16-T9	Development	Abandoned-ST	N/A
15/16a-T10Y	GL Producer	Shut in	PL 4/2/2
15/16a-T11	Development	Abandoned-ST	N/A
15/16-T12	Water Injector	Abandoned	N/A
15/16-T13	Development	Abandoned-ST	N/A
15/16-T14	GL Producer	Abandoned-ST	N/A
15/16-T15	GL Producer	Suspended	PL 4/2/2
15/16-T16	GL Producer	Shut in	PL 4/3/2
15/16-T17	N/A	Suspended	PL 4/0/2
15/16-T18Z	GL Producer	Shut in	PL 4/0/2
15/16-T19	GL Producing	Shut in	PL 4/0/2
15/16-T20	GL Producer	Suspended	PL 3/2/2
15/16-T21	GL Producer	Shut in	PL 4/0/2
Subsea Wells			
N/A <sup>3</sup>			

## 2.5 Drill Cuttings

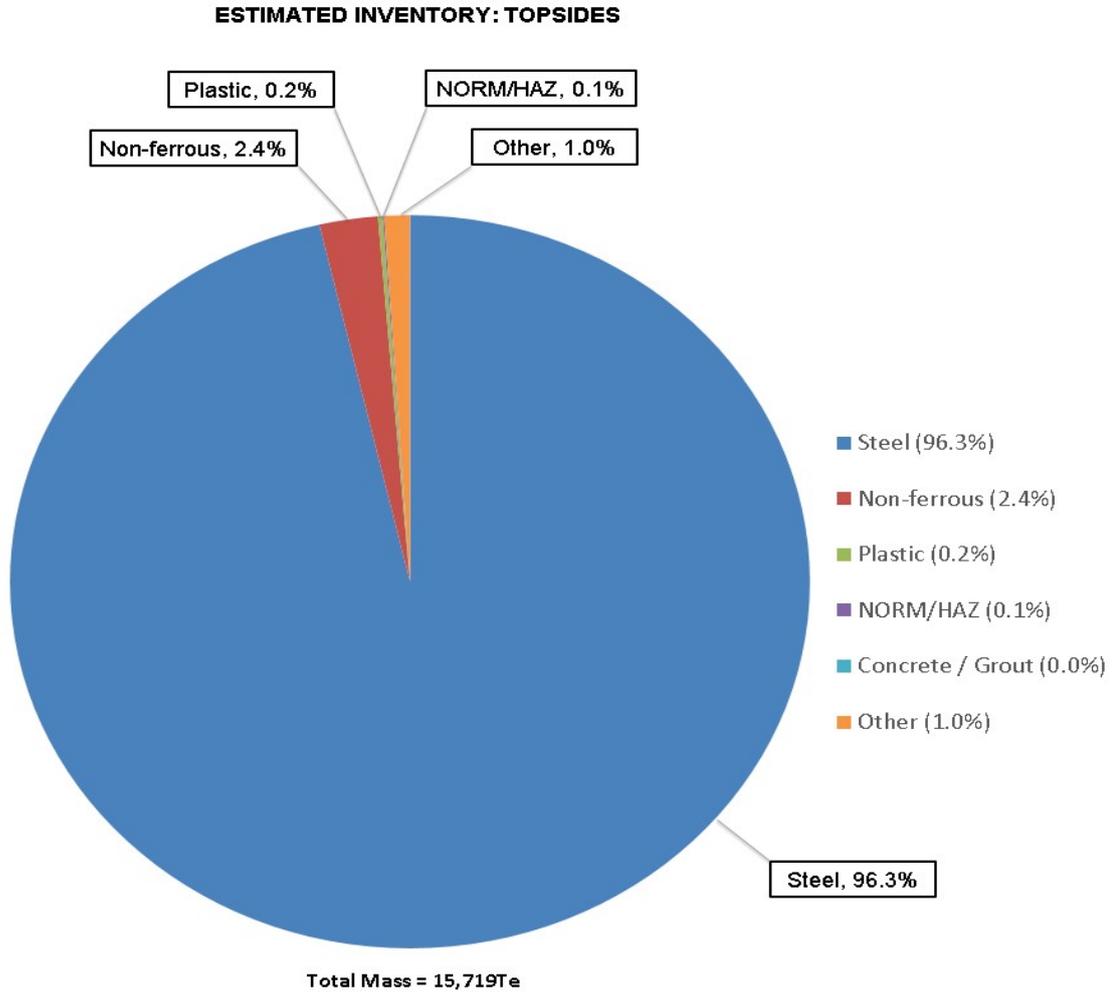
Table 2-6: Drill Cuttings Pile(s) Information		
Location of Pile Centre (Latitude/Longitude)	Seabed Area (m <sup>2</sup> )	Estimated volume of cuttings (m <sup>3</sup> )
N/A <sup>4</sup>		

<sup>3</sup> Subsea wells associated with the Tartan Area are covered by separate subsea DPs.

<sup>4</sup> The Tartan A Drill Cuttings Pile is covered in the separate Tartan Substructure (Jacket) DP.

## 2.6 Inventory Estimates

Figure 2-1: Estimated Inventory – Installations (Topsides)



Category	Sub-Category	Mass (te)	Mass (te)	Mass (%)	Mass (%)
Ferrous	Steel	15,147	15,147	96.3%	96.3%
Non-ferrous metals	Aluminium	0	372	0.0%	2.4%
	Copper	243		1.5%	
	Cunifer	129		0.8%	
Plastic	Plastic	13	29	0.1%	0.2%
	GRP	16		0.1%	
NORM / HAZ <sup>1</sup>	NORM / HAZ <sup>1</sup>	10	10	0.1%	0.1%
Concrete / Grout	Concrete / Grout	0	0	0.0%	0.0%
Other	Intumescent Epoxy	51	161	0.3%	1.0%
	Paint & Weld	73		0.5%	
	Rubber	9		0.1%	
	Other <sup>2</sup>	28		0.2%	
<b>Totals</b>		<b>15,719</b>	<b>15,719</b>	<b>100.0%</b>	<b>100.0%</b>

<sup>1</sup>NORM/HAZ has been estimated as 10 tonnes across the whole Topsides

<sup>2</sup>"other" includes items such as timber, ceramics, glass, composites, mineral wool insulation, portable fire-fighting equipment, computers, televisions etc

### 3 REMOVAL AND DISPOSAL METHODS

In line with the waste management hierarchy, the re-use of an installation (or parts thereof) is first in the order of decommissioning options. Repsol Sinopec Resources UK Limited considered other potential reuse options, however, none yielded a viable commercial opportunity. On removal and where practicable, Repsol Sinopec Resources UK Limited will ensure the principles of the waste management hierarchy will be met in the handling of materials from the Tartan Alpha decommissioning to maximise the amount of material which can be reused or recovered/ recycled.

Repsol Sinopec Resources UK Limited and the selected contractor (s) will monitor and review the disposal route of all materials and waste to the point of final reuse, recycling or disposal. As the decommissioning is not scheduled to be completed imminently, Repsol Sinopec Resources UK Limited propose to take advantage of any future advances in technology to aid waste management, including the further reuse, recycle or scrapping of parts of the installations as appropriate.

#### 3.1 **Topsides**

**Topsides Decommissioning Overview:**



**Figure 3-1: General View of Tartan Alpha Platform**

The Tartan topsides is arranged upon four main working decks, as follows;

#### **Cellar Deck**

The cellar deck is located within the MSF directly below the lower module deck and runs the whole length of the platform. It contains the conductors, ESDV access, an additional fire pump, Skyscape and TEMPSCs.

#### **Lower Module Deck**

The lower module deck incorporates four fully enclosed modules A, B, C and D mounted directly above the cellar deck as follows:

- Module A - Oil and gas separation;
- Module B - Wellheads and inlet manifolds;
- Module C - Sea water utilities and fire pump room;
- Module D - General utilities and control room.

A Skyscape unit is located to the south of Module D. The TR muster area is to the west of Module D.

#### **Upper Module Deck.**

The upper module deck incorporates four fully enclosed modules E, F, G and H mounted directly above the lower module deck as follows:

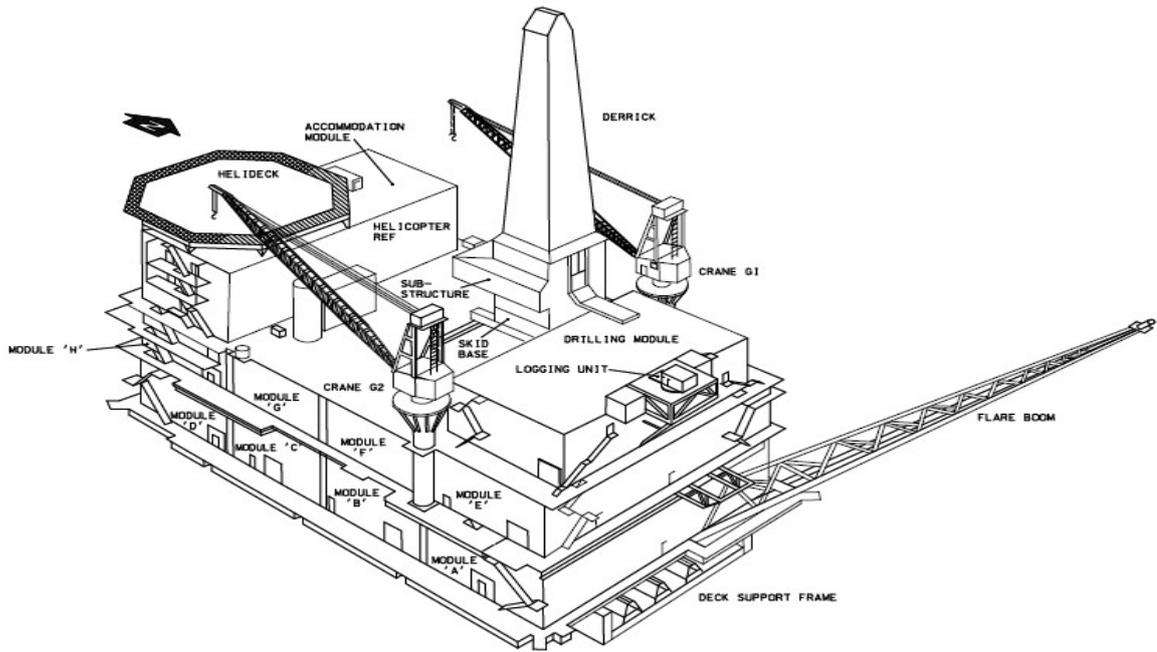
- Module E - Gas compression and treatment;
- Module F - Drilling utilities;
- Module G - Process and utilities;
- Module H - Power generation and switch rooms.

#### **Skid Deck and Drilling Module**

The skid deck is an open area, located directly above the upper module deck and supports:

- The accommodation at the west end of the platform;
- The drilling module at the east end of the platform;
- The derrick substructure at the centre east of the platform;
- The helicopter refuelling package at the centre west of the platform;
- The paint store is located on the skid deck.

The general modular layout of the topsides is based on the principle of separation of hazardous and non-hazardous areas, with the non-hazardous areas (including the permanently manned areas and the temporary refuge) grouped at the west end of the platform. See Figure 3-2



- |  |
|--|
| <p>MODULE 'A' - OIL / GAS SEPARATION<br/>         MODULE 'B' - WELLHEADS &amp; INLET MANIFOLDING<br/>         MODULE 'C' - SEA WATER UTILITIES<br/>         MODULE 'D' - GENERAL UTILITIES<br/>         MODULE 'E' - GAS COMPRESSION &amp; TREATMENT<br/>         MODULE 'F' - DRILLING UTILITIES<br/>         MODULE 'G' - PROCESS &amp; UTILITIES<br/>         MODULE 'H' - POWER GENERATION</p> |
|--|

TAR-SC-024, March 2017

**Figure 3-2: Secondary Structure**

Preparation/Cleaning:

Table 3-1: Cleaning of Topsides for Removal		
Waste Type	Composition of Waste	Disposal Route
<b>Onboard hydrocarbons</b>	Process fluids.	Flushing of bulk hydrocarbons conducted offshore prior to topside isolation. Equipment will be drained, flushed, purged, vented and cleaned.  Residual effluent will be transported onshore under appropriate permits to a licenced waste management site for appropriate reuse, recycling or disposal within the UK. <sup>1</sup>
<b>Diesel</b>	Bunkered diesel fuel.	Bunkered diesel will be drained and transported onshore to a licensed waste management site for re-use or disposal within the UK. <sup>1</sup>
<b>Lubricating Oils</b>	Lubricants for equipment e.g. gearboxes, pumps, pedestal crane and compressor skid.	Lubricating oils will be drained and transported onshore to a licensed waste management site for re-use or disposal within the UK. <sup>1</sup>
<b>Produced Solids</b>	Sand, NORM.	Any pipeline debris still present will be transported onshore under appropriate permits to a licenced waste management site.  Any solids remaining in vessels (after residual effluent removal) will be disposed of during dismantlement of the Topsides onshore within the UK. <sup>1</sup>
<b>Production and drilling chemicals</b>	Proprietary preparations and bulk chemicals.	Equipment will be drained, flushed and cleaned.  Residual effluent will be transported onshore under appropriate permits to a licenced waste management site for appropriate reuse, recycling or disposal within the UK. <sup>1</sup>
<b>Other hazardous materials</b>	Chemicals for cleaning topsides. Acetylene tanks required for hot work. Any hazardous construction materials during original installation. Hazardous wastes identified during decommissioning such as NORM, mercury, radioactive instruments and heavy metals. Waste Electrical and Electronic Equipment (cables, cabinets, batteries and lighting).	Testing undertaken during initial flushing and future operations to identify potential NORM. If present, this will be disposed of in accordance with the appropriate permit.  Equipment will be made safe and transported onshore to a licenced waste management site for appropriate recycling or disposal within the UK. <sup>1</sup>

<p><b>Original paint coating</b></p>	<p>Structural and equipment paint coats may include hazardous components. (e.g. isocyanates or lead)</p> <p>Further survey work will be undertaken to identify other components that may be present prior to removal.</p>	<p>Lead-based or oil-based paints may give off toxic fumes or dust during flame-cutting, abrasive blasting or mechanical cutting. This hazard will be managed by sampling and safe systems of work as appropriate.</p> <p>Painted items will be transported onshore (with consideration given to any toxic components) to a licenced waste management site for treatment and re-use or disposal.</p>
<p><b>Seals, gaskets and insulation</b></p>	<p>Asbestos (Chrysotiles), refractory ceramic fibres, high biopersistence fibres</p>	<p>Surveys will identify the presence of asbestos or ceramic fibres.</p> <p>Appropriate control and management will be enforced. If found, asbestos-containing materials will be contained and transported onshore for disposal by an appropriately licensed waste management specialist.</p>
<p><b>Note:</b> All hazardous and non-hazardous materials will be captured within the Project’s Material Inventory, which will remain live, and form a key part of the active Waste Management Plan.</p>		

<sup>1</sup> Some waste types may be removed with the topsides, depending on the location of the onshore disposal facility. After commercial review, the final location may be out with the UK.

**Removal Methods:**

Table 3-2: Topsides Removal Methods	
1) HLV (semi-submersible crane vessel) <input checked="" type="checkbox"/> 2) SLV <input checked="" type="checkbox"/> 3) Piece small <input type="checkbox"/> 4) Other <input type="checkbox"/>	
Method	Description
Single Lift	Removal of Topsides as a complete unit using a SLV and transportation to onshore facility for deconstruction. Selected equipment to be re-used and deconstructed material to be recovered for recycling and/or disposal.
Reverse Installation	Removal of separated Topsides modules by HLV for transportation to onshore facility for deconstruction. Selected equipment to be re-used and deconstructed material to be recovered for recycling and/or disposal.
Combination of removal methods	A combination of piece small and reverse installation methods using a HLV. All materials will be transported to onshore facility for reuse, recycling and/or disposal.
Proposed removal method and disposal route	The Topsides will be fully removed and returned to shore for recycling.  A final decision on decommissioning method will be made following a commercial tendering process. This process may identify additional methodologies as technologies develop and become field proven. Following the commercial tender process, Repsol Sinopec Resources UK Limited will inform OPRED of the result of the process.

**3.2 Jacket(s)**

**3.2.1 Jacket Decommissioning Overview:**

N/A

**3.2.2 Jacket Removal Methods**

Table 3-3: Jacket Removal Methods	
1) HLV (semi-submersible crane vessel) <input type="checkbox"/> 2) SLV <input type="checkbox"/> 3) Piece small <input type="checkbox"/> 4) Other <input type="checkbox"/>	
Method	Description
N/A	

### 3.3 Subsea Installations and Stabilisation Features

Table 3-4: Subsea Installation(s) and Stabilisation Feature(s) decommissioning Options			
Subsea installation(s) and stabilisation feature(s)	Number	Option	Disposal Route (if applicable)
N/A			

### 3.4 Pipelines

Table 3-5: Pipeline or Pipeline Groups Decommissioning Options			
Pipeline or Group (as per PWA)	Condition of line/group (Surface laid/trenched/buried/spanning)	Whole or part of pipeline/group	Decommissioning options* considered
N/A			

**Comparative Assessment Method:**

N/A

**Outcome of Comparative Assessment:**

Table 3-6: Outcome of Comparative Assessment		
Pipeline or Group (as per PWA)	Recommended Option	Justification
N/A		

### 3.5 Pipeline Stabilisation Feature(s)

Table 3-7: Pipeline Stabilisation Feature(s)			
Stabilisation feature(s)	Number	Option	Disposal Route (if applicable)
N/A			

### 3.6 Wells

Table 3-8: Well Plug and Abandonment
<p>21 platform wells were drilled at the Tartan A platform</p> <p>The wells (listed in Table 2.5), that are not already plugged and abandoned, will be plugged in compliance with the requirements of the Offshore Installations and Wells (Design and Construction, etc.) Regulations 1996 (DCR) and abandoned in accordance with the latest version of the Oil &amp; Gas UK Guidelines for the Suspension and Abandonment of Wells (Issue 6, June 2018).</p>

### 3.7 Drill Cuttings

Table 3-9: Drill Cuttings decommissioning Options	
How many drill cuttings piles are present?	N/A
Tick options examined: <input type="checkbox"/> Remove and re-inject <input type="checkbox"/> Leave in place <input type="checkbox"/> Cover <input type="checkbox"/> Relocate on seabed <input type="checkbox"/> Remove and treat onshore <input type="checkbox"/> Remove and treat offshore <input type="checkbox"/> Other	
<b>Review of Pile characteristics</b>	<b>Pile 1</b>
How has the cuttings pile been screened? (desktop exercise/actual samples taken)	N/A
Dates of sampling (if applicable)	N/A
Sampling to be included in pre-decommissioning survey?	N/A
Does it fall below both OSPAR thresholds?	N/A
Will the drill cuttings pile have to be displaced?	N/A
What quantity (m <sup>3</sup> ) would have to be displaced/removed?	N/A
Will the drill cuttings pile have to be displaced in order to remove any pipelines?	N/A
What quantity (m <sup>3</sup> ) would have to be displaced/removed?	N/A
Have you carried out a Comparative Assessment of options for the Cuttings Pile?	N/A

**Comparative Assessment Method:**

N/A

**Outcome of Comparative Assessment:**

N/A

### 3.8 Waste Streams

Table 3-10: Waste Stream Management Methods	
Waste Stream	Removal and Disposal method
Bulk liquids	Residual hydrocarbons will be removed and transported to shore. Vessels, pipework and sumps will be drained prior to removal to shore and shipped in accordance with maritime transportation guidelines. Further cleaning and decontamination will take place onshore prior to recycling/re-use.
NORM	Tests for NORM will be undertaken offshore and work will be carried out in full compliance with all relevant regulations.
Asbestos	Asbestos shall be disposed of via an appropriately licenced waste management contractor.
Other hazardous wastes	Will be recovered to shore and disposed of in full compliance with all relevant regulations.
Onshore Dismantling sites	Appropriate licensed sites will be selected. Dismantling sites must demonstrate waste stream management throughout the deconstruction process and the ability to deliver innovative reuse and recycling options. Existing sites would need a proven track record.

As part of the Contracting Strategy, Repsol Sinopec Resources UK Limited will ensure the selection of waste competent Contractor(s), experienced in the handling of all wastes associated with the decommissioning of Oil and Gas infrastructure.

The waste management provider’s/disposal yards shall follow the waste management hierarchy in the handling of materials from the Tartan Area decommissioning Project to maximize the amount of material from the projects which is reused or recovered/recycled. Repsol Sinopec Resources UK Limited and the selected removal contractor(s) will, monitor and review the disposal route of all materials and waste to the point of final reuse, recycling or disposal and reserves the right to audit to fulfil any Duty of Care responsibilities. Geographic locations of potential disposal yard options may require the consideration of Trans Frontier Shipment of Waste (TFSW), including hazardous materials. Early engagement with the relevant waste regulatory authorities will ensure that any issues with TFSW are addressed.

<b>Table 3-11: Inventory Disposition</b>			
	Total Inventory Tonnage	Planned tonnage to shore	Planned left in situ
Installations	15,719	15,719	0
Pipelines	N/A		

## 4 ENVIRONMENTAL APPRAISAL OVERVIEW

As the activities associated with this DP are limited to removal of the Tartan A topsides, the project has not identified any environmental activities that are considered to have a significant impact. In addition, as the removal activities will take place within an existing 500 m exclusion zone any impact on other sea users will be limited and are not considered significant. Following a scoping exercise in line with OPRED’s Decommissioning Guidance Notes an Environmental Appraisal (EA) was not deemed necessary to support this DP<sup>5</sup>. The scoping exercise considered the impact of the aspects identified in Table 4-2 on the receptors identified in Table 4-1.

### 4.1 Environmental Sensitivities (Summary)

Table 4-1: Environmental Sensitivities	
Environmental Receptor	Main Features
Conservation interests	The nearest protected areas to the Tartan Development Area are the Scanner Pockmark Special Area of Conservation (SAC), and the Central Fladen Nature Conservation Marine Protected Area (NCMPA), located c. 25 km west and c. 35 km north respectively of the fields. Given the distance to these sites, the activities associated with removal of the Tartan A topsides will not impact on any protected areas such that further assessment in an EA is not required.
Seabed	<p>Repsol Sinopec Resources UK Limited commissioned a pre-decommissioning environmental survey in September/October 2019s part of the survey, video, stills of the seabed and seabed samples were collected to assess the existing environmental conditions.</p> <p>The sediments across the area covered by the pre-decommissioning survey were considered to be relatively homogenous and to comprise three main habitats: circalittoral fine mud (EUNIS A5.36), circalittoral sandy mud (EUNIS A5.35) and deep circalittoral mixed sediment (EUNIS A5.45).</p> <p>The sea pens <i>Virgularia mirabilis</i> and <i>Pennatula phosphorea</i> and burrows and tracks created by megafauna (e.g. <i>Nephrops norvegicus</i>) were widespread throughout the survey area. The majority of the Tartan Development Area, is therefore considered to meet the criteria for the OSPAR listed threatened and/or declining habitat ‘Sea pen and burrowing megafauna communities’ as well as the UK Habitat Feature of Conservation Importance and UKBAP habitat ‘mud habitats in deep water’.</p> <p>As a result of the 21 wells drilled at the Tartan A platform, an oil-based mud contaminated cuttings pile occurs on the seabed around the jacket. The pile covers an area of c. 7,475 m<sup>2</sup>, an estimated volume of 5,450 m<sup>3</sup> and an average height of 0.73 m . The estimated hydrocarbon content within the cuttings pile is 151 te. As the vessels associated with removal of the Tartan A topsides will maintain their position using dynamic positioning the removal activities will not impact on the seabed (or the cuttings pile).</p> <p>As the activities associated with the removal of the Tartan A topsides will not impact on the seabed, there are no anticipated impacts on the sediments or benthic communities in the area. Therefore, further assessment in an EA is not required.</p>

<sup>5</sup> Repsol Sinopec Resources UK Limited discussed the approach to not submit an EA with OPRED who, given the limited scope of work, confirmed they were aligned with this approach.

**Table 4-1: Environmental Sensitivities**

Environmental Receptor	Main Features
Fish	<p>Several fish species are known to spawn in the area including (but not limited to): cod, whiting, lemon sole, Norway pout, <i>Nephrops</i>, and sprat. Group 0 fish for a number of species have been found in the area indicating it is used as a nursery ground for these species including (but not limited to): anglerfish, whiting, cod, hake, haddock, Norway pout, <i>Nephrops</i>, blue whiting and sprat.</p> <p>Of the fish species identified in the area, cod, Norway pout, whiting, blue whiting and anglerfish have been assessed by the Scottish Natural Heritage (SNH) and the Joint Nature Conservation Committee (JNCC) as Priority Marine Features (PMFs) in Scotland.</p> <p>As this DP is limited to removal of the Tartan A topsides, impacts on fish in the area will be limited to any impacts associated with the vessels on location. This could lead to the temporary displacement of individual fish, however as fish in the area are adapted to frequent vessel activity, any displacement is not considered a significant impact. Therefore, further assessment in an EA is not required.</p>
Fisheries	<p>The fields associated with the Tartan Development Area occur within International Council for Exploration of the Sea (ICES) rectangles 45E9 and 45F0. Pelagic, demersal and shellfish species are fished from both these rectangles. Available data suggests that these ICES rectangles encompass an area that is relatively important to the UK fishing industry such that fishing activity in the area can be considered high. A review of the Scottish Government landings data for 2014 to 2018 shows that trawl gear is used in both rectangles, whilst seine nets are also active in rectangle 45E9.</p> <p>Though the area has relatively high fishing activity associated with it, activities associated with removing the topsides will take place within an existing 500 m exclusion zone such that any impacts on existing fishing activity are not considered significant. Therefore, further assessment in an EA is not required.</p>
Marine Mammals	<p>The Atlas of Cetacean Distribution in Northwest European Waters suggests that moderate to low densities of Atlantic white-sided dolphin and harbour porpoise and high to low densities of white-beaked dolphin and minke whale have been sighted in the immediate vicinity of the Tartan Development Area infrastructure.</p> <p>As this DP only covers the Tartan A topsides removal activities, impacts on marine mammals in the area will be limited to any impacts associated with the vessels on location. This could lead to temporary displacement of individual marine mammals, however as mammals in the area are adapted to frequent vessel activity, any displacement is expected to be temporary and not considered a significant impact. Therefore, further assessment in an EA is not required.</p>
Birds	<p>European Seabirds at Sea (ESAS) data collected over 30 years, indicates the presence of a number of bird species in the area including but not limited to the northern gannet, northern fulmar, black-legged kittiwake, lesser and greater black-backed gull, razorbill, great and Arctic skua, little auk, herring gull, common gull, common guillemot and Atlantic puffin. Birds occurring in the Tartan Development Area will be habituated to vessels occurring in the area, such that the presence of any vessels associated with the Tartan A topsides removal activities will not have a significant impact. Therefore, further assessment in an EA is not required.</p>

Table 4-1: Environmental Sensitivities	
Environmental Receptor	Main Features
Onshore Communities	<p>At this stage of the project, the onshore dismantling and disposal yards are not yet chosen and therefore it is not possible to describe the specific locations where activities will take place.</p> <p>Repsol Sinopec Resources UK Limited intends to engage approved dismantling contractors to handle the recovered materials. In addition, approved waste management contractors will be selected to handle, store and dispose of any materials that cannot be recycled or reused. Given the Company's commitment to selecting approved contractors to handle the returned materials, the impact to onshore communities are not considered significant. Therefore, further assessment in an EA is not required.</p>
Other Users of the Sea	<p>Based on available data, shipping activity in the vicinity of the Tartan Development Area is considered low.</p> <p>There are no offshore windfarm developments within the vicinity of the Tartan Development Area.</p> <p>The fields are located in a well-developed oil and gas area with a number of developments in the area including Scott (c. 13 km southeast), Piper B (c. 13 km northeast) Saltire (c. 16 km east northeast) and Claymore (c. 27 km northwest).</p> <p>Given, the low level of shipping activity in the area; the absence of windfarms; the fact that the closest installations are a minimum of 13 km from the Tartan A platform; and the fact that the activities will take place within an existing 500 m exclusion zone, the impact of the proposed activities on other sea users is not considered significant. Therefore, further assessment in an EA is not required.</p>
Atmosphere	<p>Offshore, emissions to the atmosphere will arise from the vessels used to remove the Tartan A topsides. Onshore emissions will result from the yard activities including recycling of the steel associated with the material returned to shore. Repsol Sinopec Resources UK Limited acknowledge that these emissions will contribute to climate change, however relative to the emissions produced by the Tartan A platform during operations, the impacts are not considered significant. Therefore, further assessment in an EA is not required.</p>

## 4.2 Potential Environmental Impacts and their Management

### Environmental Impact Assessment Summary:

Table 4-2: Environmental Impact Management		
Activity	Main Impacts	Management
Topsides Removal	<p>When assessing the impacts associated with recovery of the Tartan A topsides the aspects considered as part of the process included:</p> <ul style="list-style-type: none"> <li>• The physical presence of vessels;</li> <li>• Energy use and atmospheric emissions;</li> <li>• Underwater noise from vessels;</li> <li>• Discharges to sea from vessels;</li> <li>• Discharges to sea from the infrastructure during decommissioning operations;</li> <li>• Production of waste materials.</li> </ul> <p>The vessels used for recovery of the topsides will maintain station using dynamic positioning such that there will be no seabed disturbance associated with the recovery activities.</p> <p>Given that marine mammals, fish and birds in the area are habituated to vessels and installations in the area, any impacts associated with the Tartan A topsides recovery activities are not considered significant with the mitigation measures identified here in place.</p>	<p>During decommissioning of the topsides, a number of mitigation measures will be adhered to, in order to minimise the marine environmental and socio-economic impacts:</p> <p>The impacts associated with the physical presence of vessels and vessel noise will be minimised as follows:</p> <ul style="list-style-type: none"> <li>• Work procedures (e.g. cutting plans) will be in place to minimise duration of activities and therefore optimising vessel use.</li> </ul> <p>The impacts associated with discharges to sea will be minimised through:</p> <ul style="list-style-type: none"> <li>• Use of vessels that are MARPOL compliant;</li> <li>• Flushing and cleaning of the topsides will be completed in line with BAT/BEP (Best Available Technique/Best Environmental Practice) requirements.</li> </ul> <p>The impacts associated with atmospheric emissions will be minimised through:</p> <ul style="list-style-type: none"> <li>• A detailed assurance process on all vessels prior to contract award and all contractors will originate from countries signed up to the International Maritime Organisation and will adhere to their guidelines. Annex VI of the MARPOL treaty is the main international treaty addressing air pollution prevention requirements from ships. Annex VI requirements comprise both engine-based and fuel-based standards. Annex VI establishes limits on NO<sub>x</sub> emissions from marine diesel engines with</li> </ul>

		<p>a power output of more than 130 kW. The standards apply to both main propulsion and auxiliary engines and require the engines to be operated in conformance with the Annex VI NO<sub>x</sub> emission limits.</p> <p>Potential impacts associated with accidental events will be minimised through:</p> <ul style="list-style-type: none"> <li>• Lifting procedures will be in place to minimise the likelihood of dropped objects.</li> <li>• SIMOPS (simultaneous operations) will be managed through bridging documents and communications.</li> </ul>
Jacket(s)/Floating Facility Removal	N/A	N/A
Subsea Installation(s) Removal	N/A	N/A
Decommissioning Pipelines	N/A	N/A
Decommissioning Stabilisation Features	N/A	N/A
Decommissioning Drill Cuttings	N/A	N/A

## 5 INTERESTED PARTY CONSULTATIONS

### Consultations Summary:

As part of the informal stakeholder engagement process in August 2020 Repsol Sinopec Resources UK Limited issued a Scoping Report to a number of stakeholders.

The Scoping Report provided an overview of the Tartan Development Area, the proposed decommissioning activities and an overview of the impacts to be assessed. Recipients of the Scoping Report were invited to comment on the Scoping Report with respect to any concerns they may have.

In addition to issuing the Scoping Report, Repsol Sinopec Resources UK Limited have carried out a number of informal stakeholder engagement sessions including separate meetings with various stakeholders as the project progresses. Repsol Sinopec Resources UK Limited also carried out two Stakeholder Engagement Workshops in February 2021 to share the proposed decommissioning activities. No major concerns were raised.

Table 5.1 summarises the main concerns that the stakeholders have identified to date as part of the stakeholder engagement process.

Table 5-1: Summary of Stakeholder Comments		
Who	Comment	Response
<b>Informal Stakeholder Consultations</b>		
OPRED	N/A	N/A
Joint Nature Conservation Committee (JNCC)	N/A	N/A
Scottish Environment Protection Agency (SEPA)	N/A	N/A
United Kingdom Hydrographic Office (UKHO)	N/A	N/A
Scottish Fishermen's Federation (SFF)	N/A	N/A
Marine Scotland science (MSS)	N/A	N/A
Oil and Gas Authority (OGA)	N/A	N/A
Health and Safety Executive (HSE)	N/A	N/A

Statutory Consultations		
Various Statutory Consultees	Following statutory consultation (5 <sup>th</sup> April – 27 <sup>th</sup> May 2022), RSRUK received a number of guidance notes, questions and actions relating to the Tartan Topsides Decommissioning Programme and supporting documents from the consultees.	All consultee comments have been satisfactorily addressed throughout OPRED's process, and minor updates to the Decommissioning Programme and supporting documents have been implemented where appropriate.
Public	No comments received.	N/A

## 6 PROGRAMME MANAGEMENT

### 6.1 Project Management and Verification

Repsol Sinopec Resources UK Limited has established a multi-disciplinary team lead by a Project Manager responsible for the implementation of activities and co-ordination of all services. An execution plan will align with established Repsol Sinopec Resources UK Limited Health, Safety and Environment policies and meet all relevant legislative requirements. A contracting strategy will be based on Repsol Sinopec Resources UK Limited procurement and contracts policies, including competitive tendering for all contractor services. Where possible, activities will be co-ordinated with other decommissioning operations and take account of any initiatives promoted by the OGA. Repsol Sinopec Resources UK Limited will report regularly on the execution of the DP to OPRED and discuss any changes in plans in advance.

### 6.2 Post-Decommissioning Debris Clearance and Verification

Any seabed debris related to offshore oil and gas activities will be recovered for onshore recycling or disposal in line with existing waste management policies. The clear seabed will either be validated by an independent verification trawl over the installation sites and pipeline corridors or by the post decommissioning survey. All pipeline routes and installation sites will be the subject to oilfield debris clearance and as-left verification surveys when decommissioning activity has concluded. The main risk from infrastructure remaining in situ is the potential for interaction with other users of the sea, specifically from fishing related activities. Where the infrastructure is trenched below seabed level or trenched & buried below, the effect of interaction with other users of the sea is considered to be negligible. The infrastructure is currently shown on Admiralty Charts and the FishSafe system. When decommissioning activity has been completed, updated information will be made available to update Admiralty Charts and FishSafe system. When decommissioning activities have been completed, and where applicable, the safety zones around offshore infrastructure will be removed. RSRUK will engage early with the Northern Lighthouse Board (NLB) to discuss lighting and marking plans for various stages of decommissioning, including post topside/pre-jacket removal.

The licence holders recognise their commitment to undertake post-decommissioning monitoring of infrastructure left in situ. Following full Tartan Field decommissioning, post-decommissioning site surveys will be conducted within a 500m radius of the installation site and 100m corridor of any pipeline route. Once the Tartan Topsides is removed RSRUK will inform OPRED and inform and provide evidence of removal.

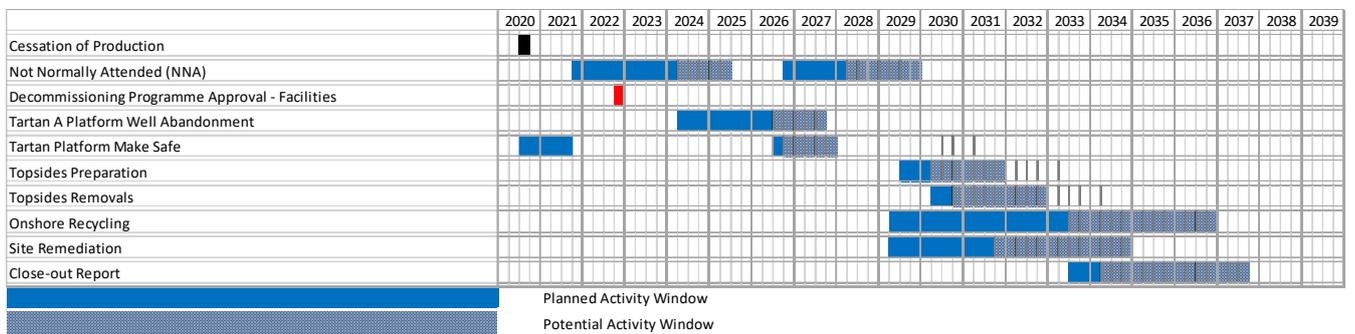
### 6.3 Schedule

The main milestone on the Tartan Alpha DP is:

- Topsides removal

The schedule may change to maximise economic recovery or to exploit opportunities to minimise decommissioning impacts by combining other decommissioning activities within our portfolio into campaigns, or by combining Tartan Area decommissioning operations with third party decommissioning. The schedule for the Tartan Alpha DP is outlined in Figure 6.1.

**Figure 6-1: Gantt Chart of Project Plan**



Note Topsides platform make safe operations have been completed as part of the 2020 / 2021 decommissioning project campaign. Drain, flush, purge and vent activities were undertaken as part of this operation as such no cold venting will be required whilst completing the final phase of EDC activities to facilitate the above programme.

## 6.4 Costs

Table 6-1: Provisional Decommissioning Programme(s) costs	
Item	Estimated Cost (£m)
Platform - Preparation/Removal and Disposal	Will be provided to OPRED <sup>1</sup>
Pipeline(s) Decommissioning	N/A
Subsea Installation(s) and Stabilisation Feature(s)	N/A
Well Abandonment	N/A
Continuing Liability – Future Pipeline and Environmental Survey Requirements	N/A
<b>TOTAL</b>	Will be provided to OPRED <sup>1</sup>

<sup>1</sup> Estimated Costs are confidential and will be provided separately to OPRED

## 6.5 Close Out

A close out report will be submitted to OPRED within 12 months of the completion of decommissioning completion, including debris clearance and post-decommissioning surveys. The close out report will notify OPRED of any variances to outcomes that have been detailed in this DP.

## 6.6 Post-Decommissioning Monitoring and Evaluation

N/A

## 7 SUPPORTING DOCUMENTS

Table 7-1: Supporting Documents	
Document Number	Title
N/A	

## **8 PARTNER LETTER(S) OF SUPPORT**



**Chevron Captain Company LLC**  
1 Westferry Circus  
Canary Wharf  
London  
E14 4HA  
020 7719 - 3415

**Offshore Petroleum Regulator for  
Environment & Decommissioning**

Department for Business, Energy &  
Industrial Strategy  
3<sup>rd</sup> Floor, Wing C  
AB1 Building  
Crimon Place  
Aberdeen  
AB10 1BJ

For attention of: Debbie Taylor  
Senior Decommissioning Manager  
Offshore Decommissioning Unit

By post and email to:  
[ruth.mcdermott@beis.gov.uk](mailto:ruth.mcdermott@beis.gov.uk)

Your Ref: 12.04.06.06/172C

2<sup>nd</sup> November 2022

Dear Sir or Madam,

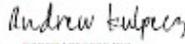
**Tartan A Topsides Decommissioning Programme  
Petroleum Act 1998**

We acknowledge receipt of your letter dated 5<sup>th</sup> October 2022.

We, Chevron Captain Company LLC confirm that we authorise Repsol Sinopec Resources UK Limited to submit on our behalf an abandonment programme relating to the Topsides Facilities associated with the Tartan Alpha (A) Platform as directed by the Secretary of State on 5<sup>th</sup> October 2022.

We confirm that we support the proposals detailed in the Tartan Topsides Decommissioning Programme dated October 2022 to be submitted by Repsol in so far as it relates to those facilities in respect of which we are required to submit an abandonment programme under Section 29 of the Petroleum Act 1998.

Yours faithfully

DocuSigned by:  
  
E3A271A2A250804E3  
**Andrew Kulpecz**  
Director  
For and on behalf of Chevron Captain Company LLC

Incorporated with limited liability in Delaware, U.S.A.  
Foreign Company No: FC005494  
Branch No: BR001194  
Registered Office: 2711 Centerville Road, Suite 400, Wilmington DE 19808, USA



**Texaco North Sea U.K. Limited**  
1 Westferry Circus  
Canary Wharf  
London  
E14 4HA  
020 7719 - 3415

**Offshore Petroleum Regulator for  
Environment & Decommissioning**

Department for Business, Energy &  
Industrial Strategy  
3<sup>rd</sup> Floor, Wing C  
AB1 Building  
Crimon Place  
Aberdeen  
AB10 1BJ

For attention of: Debbie Taylor  
Senior Decommissioning Manager  
Offshore Decommissioning Unit

By post and by email to:  
[ruth.mcdermott@beis.gov.uk](mailto:ruth.mcdermott@beis.gov.uk)

Your Ref: 12.04.06.06/172C

2<sup>nd</sup> November 2022

Dear Sir or Madam,

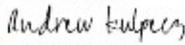
**Tartan A Topsides Decommissioning Programme  
Petroleum Act 1998**

We acknowledge receipt of your letter dated 5<sup>th</sup> October 2022.

We, Texaco North Sea U.K. Limited confirm that we authorise Repsol Sinopec Resources UK Limited to submit on our behalf an abandonment programme relating to the Topsides Facilities associated with the Tartan Alpha (A) Platform as directed by the Secretary of State on 5<sup>th</sup> October 2022.

We confirm that we support the proposals detailed in the Tartan A Topsides Decommissioning Programme dated October 2022 to be submitted by Repsol in so far as it relates to those facilities in respect of which we are required to submit an abandonment programme under Section 29 of the Petroleum Act 1998.

Yours faithfully

DocuSigned by:  
  
E3B21A25668041E3

**Andrew Kulpecz**  
Director  
For and on behalf of Texaco North Sea U.K. Limited

Registered in England and Wales  
Registered office: 1 Westferry Circus, Canary Wharf, London E14 4HA  
Company No: 807340



Offshore Petroleum Regulator for Environment and  
Decommissioning  
Department for Business, Energy & Industrial Strategy  
3rd Floor, Wing C  
AB1 Building  
Crimon Place  
Aberdeen  
AB10 1BJ

REPSOL SINOPEC  
OIL TRADING LIMITED

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W [www.repsolsinopecuk.com](http://www.repsolsinopecuk.com)  
8 November 2022  
Our Ref: 22GEN001/LC

Dear Sir or Madam

**Tartan Topsides Decommissioning Programme**

**PETROLEUM ACT 1998**

We acknowledge receipt of your letters dated 5<sup>th</sup> October 2022.

We, Repsol Sinopec Oil Trading Limited confirm that we authorise Repsol Sinopec Resources UK Limited to submit on our behalf abandonment programmes relating to the Tartan installations and pipelines as directed by the Secretary of State on 5<sup>th</sup> October 2022.

We confirm that we support the proposals detailed in the Tartan Topsides Decommissioning Programme dated October 2022, which is to be submitted by Repsol Sinopec Resources UK Limited in so far as they relate to those facilities in respect of which we are required to submit an abandonment programme under section 29 of the Petroleum Act 1998.

Yours faithfully

For and on behalf of **Repsol Sinopec Oil Trading Limited**



Director

**LEADERSHIP • EXCELLENCE • ACCOUNTABILITY • POSITIVITY**

Registered in England and Wales No. 02307374 – Registered Office, Suite 1, 7th Floor, 50 Broadway, London, SW1H 0BL



Offshore Petroleum Regulator for Environment and  
Decommissioning  
Department for Business, Energy & Industrial Strategy  
3rd Floor, Wing C  
AB1 Building  
Crimon Place  
Aberdeen  
AB10 1BJ

Dear Sir or Madam

**Tartan Topsides Decommissioning Programme, the Tartan Subsea – Tartan North Terrace  
(TNT) & Tartan Satellite (TS) Decommissioning Programmes and the Duart Decommissioning  
Programmes  
PETROLEUM ACT 1998**

We acknowledge receipt of your letters dated 5<sup>th</sup> October 2022.

We, Repsol Sinopec Resources UK Limited, as operator on behalf of ourselves Repsol Sinopec North Sea Limited, Repsol Sinopec Alpha Limited, Repsol Sinopec LNS Limited, Repsol Sinopec Oil Trading Limited and Transworld Petroleum (U.K.) Limited hereby submit the Tartan Topsides Decommissioning Programme, the Tartan Subsea – Tartan North Terrace (TNT) & Tartan Satellite (TS) Decommissioning Programmes and the Duart Decommissioning Programmes dated October 2022 as directed by the Secretary of State on 5<sup>th</sup> October 2022.

The Tartan Topsides Decommissioning Programme, the Tartan Subsea – Tartan North Terrace (TNT) & Tartan Satellite (TS) Decommissioning Programmes and the Duart Decommissioning Programmes dated October 2022 are submitted by Repsol Sinopec Resources UK Limited on behalf of the Section 29 Notice Holders under section 29 of the Petroleum Act 1998.

Yours faithfully

For and on behalf of **Repsol Sinopec Resources UK Limited**



Director

REPSOL SINOPEC RESOURCES  
UK LIMITED

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**8 November 2022**  
Our Ref: 22GEN001/LC

## 9 APPENDIX A – PUBLIC NOTICE

**Public Notices**

**PUBLIC NOTICE**  
The Petroleum Act 1998

**Tartan Area fields Decommissioning**

Repsol Sinopec Resources UK Limited has submitted, for the consideration of the Secretary of State for Business, Energy and Industrial Strategy, a number of draft Decommissioning Programmes (DPs) for the installations and pipelines associated with the Tartan Area field infrastructure in accordance with the provisions of the Petroleum Act 1998. It is a requirement of the Act that interested parties be consulted on such decommissioning proposals. The items/facilities covered by the Decommissioning Programme(s) are:

- Tartan Alpha production platform (topsides) including platform wells;
- Tartan Subsea wells, including TNT, TS and all related subsea infrastructure;
- Duart Subsea wells and all related subsea infrastructure and;

Wells: all wells will be plugged and abandoned to Repsol Sinopec Resources UK Limited standards which comply with "Offshore Installations and Wells (Design and Construction, etc.) Regulations 1996" and align with Oil & Gas UK Well Decommissioning Guidelines.

Repsol Sinopec Resources UK Limited hereby gives notice that a summary of the Tartan Area Decommissioning Programmes can be viewed at the internet website address: [www.repsolsinopecuk.com](http://www.repsolsinopecuk.com)

Alternatively, a hard copy of the respective Tartan Area Decommissioning Programmes can be requested via email or phone call:  
Phone: 01224352973  
Email: [TARAREADECOM@repsolsinopecuk.com](mailto:TARAREADECOM@repsolsinopecuk.com)

Representations regarding the Tartan Areas Decommissioning Programmes should be submitted in writing to Repsol Sinopec Resources UK Limited, 163 Holburn Street, Aberdeen AB10 6BZ where they should be received by 17th May 2022 and should state the grounds upon which any representations are being made.

Teresa Munro  
Decommissioning Manager

Date: 5th April 2022  
Repsol Sinopec Resources UK Limited  
Company Address  
163 Holburn Street  
Aberdeen  
AB10 6BZ

**Figure 9-1: Public Notice – The Press and Journal, 5<sup>th</sup> April 2022**

Public Notices

## PUBLIC NOTICE

The Petroleum Act 1998

### Tartan Area fields Decommissioning

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Date: 5<sup>th</sup> April 2022

Repsol Sinopec Resources UK Limited	Teresa Munro
Company Address	Decommissioning Manager
163 Holburn Street	
Aberdeen	
AB10 6BZ	

Figure 9-2: Public Notice – The Daily Telegraph, 5<sup>th</sup> April 2022