



North Sea
Transition
Authority

Announcement of United Kingdom Carbon Dioxide Appraisal and Storage Licensing Round #2

UK Continental Shelf. The Energy Act 2008

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Notification of Carbon Dioxide Appraisal and Storage Licensing Round

Introduction

- I. The Oil and Gas Authority ('**OGA**') operates under the name North Sea Transition Authority ('**NSTA**'). The OGA remains the legal name of the company. References to the NSTA should be interpreted as the OGA.
- II. The NSTA invites interested persons to apply for Carbon Dioxide Appraisal and Storage Licences ('**CS Licence**') pursuant to Chapter 3 of the Energy Act 2008 (the '**Act**') in respect of certain acreage on the United Kingdom Continental Shelf Territorial Seas.
- III. The NSTA is the licensing authority for offshore carbon dioxide storage in an offshore UK controlled place or English controlled place (as set out in the Act), approving and issuing **CS Licences** and storage permits.
- IV. A CS Licence grants exclusive rights for the exploration and appraisal of potential storage sites, and storage (if a storage permit is granted in respect of a storage site) of carbon dioxide and the establishment or maintenance of installations for those purposes.
- V. The NSTA has discretion to decide whether to issue a CS Licence. The general terms and conditions that will normally be set out in a CS Licence document ("**CS Licence Clauses**"), can be found on the NSTA's website.
- VI. While the CS Licence Clauses show the general terms and conditions on which the NSTA is likely to award a CS Licence, pursuant to section 20 of the Act, the NSTA may grant a CS Licence on such terms and conditions as it considers appropriate and in accordance with The Storage of Carbon Dioxide (Licensing etc.) Regulations 2010 (the "**Storage Regs**") and other applicable law.
- VII. **The NSTA accepts no liability for any costs incurred by the applicant in considering or making its application.**

Licensing Offer

- VIII. The areas available for application ('**Areas**') are listed in the Appendix to this notice.
- IX. Full details of the offer, including lists and maps of the acreage on offer and guidance about licences and how to apply, are available on the NSTA website:
- <https://www.nstauthority.co.uk/regulatory-information/licensing-and-consents/licensing/>

Guidance, Deadlines & Fees

- X. The NSTA's guidance ('**Guidance**') for companies wishing to apply for a CS Licence is available here: <https://www.nstauthority.co.uk/media/jkrpz4tt/guidance-on-the-application-for-a-carbon-dioxide-appraisal-and-storage-licence-december-2025.pdf>. This includes the evaluation criteria on which applications will be assessed, including a technical marking scheme. Please read the Guidance in full. The information contained in this notice is a summary only.
- XI. Any persons wishing to make an application for a CS Licence in respect of all or part of any Area must submit completed applications to the NSTA by 12:00 GMT on **Tuesday 24 March 2026**.
- XII. All applications for a CS Licence are to be submitted using the NSTA's Secure File Transfer Portal ('SFTP') [site](#). Details on how to request an account are available in the Guidance, and potential applicants should ensure that accounts are requested before **9 March 2026**.
- XIII. The fee for making an Application for a CS Licence is **£19,710**. This fee covers the cost of the NSTA services as outlined in the following Guidance Note and in line with the Regulations referred to therein: <https://www.nstauthority.co.uk/media/114mnulc/guidance-note-on-fees-and-charges-regime-april-2025.pdf>. Once an application has been received, the NSTA's Accounts team will issue an invoice for the fee, with instructions on how this should be paid. The NSTA will not consider an application until the application fee is paid. Note that separate applications should be submitted for each non-contiguous area, and each will be subject to a separate fee.
- XIV. An application may be made by one or more companies ('**Applicant**'). Each Applicant must satisfy the NSTA that they have a place of business in the UK. This means at least one of the following: a) Having a staffed presence in the UK; b) Being registered at Companies House as a UK company; or c) Having a UK branch of a foreign company registered at Companies House.
- XV. Following the closing date for submissions, the NSTA will contact Applicants to schedule a review meeting in order to seek clarifications on the application content.
- XVI. Any questions on the submission of applications should be sent to: Offshore.Exploration@nstauthority.co.uk

Requirement for a Crown Lease

- XVII. In addition to a CS Licence, a Crown Lease from The Crown Estate ('**TCE**') or Crown Estate Scotland ('**CES**') is also required to undertake carbon storage activities within offshore areas. Applicants should contact the TCE / CES as appropriate at the earliest opportunity.

Appropriate Assessment under the Habitats Regulations

- XVIII. OPRED have advised that where the Secretary of State ('**SoS**') considers that anything that might be done or any activity which might be carried on under a CS Licence is likely to have a significant effect on a relevant site (whether individually or in combination with any other plan or project), the SoS shall make an appropriate assessment ('**AA**') of the implications for the relevant site in view of the site's conservation objectives. OPRED has advised that there are a number of Marine Protected Areas (Special Areas of Conservation ('**SAC**'), Special Protected Areas ('**SPA**') and Marine Conservation Zones ('**MCZ**')) that are either within, overlap with or are adjacent to Areas. Potential applicants are therefore advised that, subject to any AA, there may be some areas where activity is either precluded or where mitigation or compensatory measures may need to be put in place as part of development activities. A list of these protected areas is provided in the Appendix 3 to this notice.
- XIX. For further information on the AA process, Applicants should contact OPRED at:
opred@energysecurity.gov.uk.

Ministry of Defence Interests

- XX. In order to safeguard the interests of the Ministry of Defence ('**MOD**') in the Area, particularly with regard to established Danger Areas and Exercise areas, there are a number of MOD conditions that will be applied to any CS Licence(s) granted in the Area. These conditions are defined with reference to the corresponding petroleum block numbering for the Area and are detailed in Appendix 4 to this notice. The conditions may include, amongst other things, requirements to give appropriate notice of planned activities, seek approval of activities in consultation with the MOD, modify the timing/location/type of activities, monitor and regulate acoustic emissions through an agreed plan, and to restrict or prohibit certain operational activities.

Appendix 1 – Application Areas

Northern North Sea – NNS Area 1 (R2)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	001° 21' 00" E	61° 20' 00" N
2	001° 42' 00" E	61° 20' 00" N
3	001° 42' 00" E	61° 12' 00" N
4	001° 21' 00" E	61° 12' 00" N
5	001° 21' 00" E	61° 20' 00" N

Northern North Sea - NNS Area 2 (R2)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	001° 19' 00" E	61° 00' 00" N
2	001° 30' 00" E	61° 00' 00" N
3	001° 30' 00" E	60° 56' 00" N
4	001° 36' 00" E	60° 56' 00" N
5	001° 36' 00" E	60° 48' 00" N
6	001° 32' 00" E	60° 48' 00" N
7	001° 32' 00" E	60° 42' 00" N
8	001° 19' 00" E	60° 42' 00" N
9	001° 19' 00" E	61° 00' 00" N

Northern North Sea - NNS Area 3 (R2)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	001° 36' 00" E	61° 10' 00" N
2	001° 49' 42" E	61° 10' 00" N
3	001° 52' 00" E	60° 58' 00" N
4	001° 36' 00" E	60° 58' 00" N
5	001° 36' 00" E	61° 10' 00" N

Central North Sea - CNS Area 1 (R2)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	000° 46' 00" E	57° 48' 00" N
2	000° 57' 00" E	57° 48' 00" N
3	000° 57' 00" E	57° 46' 00" N
4	001° 00' 00" E	57° 46' 00" N
5	001° 00' 00" E	57° 44' 00" N
6	001° 04' 00" E	57° 44' 00" N
7	001° 04' 00" E	57° 41' 00" N
8	000° 46' 00" E	57° 41' 00" N
9	000° 46' 00" E	57° 48' 00" N

Central North Sea - CNS Area 2 (R2)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	001° 04' 00" E	57° 43' 00" N
2	001° 14' 00" E	57° 43' 00" N
3	001° 14' 00" E	57° 35' 00" N
4	001° 04' 00" E	57° 35' 00" N
5	001° 04' 00" E	57° 43' 00" N

Southern North Sea - SNS Area 1 (R2)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	000° 30' 00" E	54° 48' 00" N
2	000° 50' 00" E	54° 48' 00" N
3	000° 50' 00" E	54° 43' 00" N
4	000° 30' 00" E	54° 43' 00" N
5	000° 30' 00" E	54° 48' 00" N

Southern North Sea - SNS Area 2 (R2)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	000° 41' 00" E	54° 36' 00" N
2	000° 58' 00" E	54° 36' 00" N
3	000° 58' 00" E	54° 39' 00" N
4	001° 13' 00" E	54° 39' 00" N
5	001° 13' 00" E	54° 29' 00" N
6	000° 41' 00" E	54° 29' 00" N
7	000° 41' 00" E	54° 36' 00" N

Southern North Sea - SNS Area 3 (R2)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	000° 52' 00" E	54° 28' 00" N
2	000° 58' 00" E	54° 28' 00" N
3	000° 58' 00" E	54° 20' 00" N
4	000° 52' 00" E	54° 20' 00" N
5	000° 52' 00" E	54° 28' 00" N

Southern North Sea - SNS Area 4 (R2)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	001° 20' 00" E	54° 20' 00" N
2	001° 24' 00" E	54° 20' 00" N
3	001° 24' 00" E	54° 10' 00" N
4	001° 20' 00" E	54° 10' 00" N
5	001° 20' 00" E	54° 20' 00" N

Southern North Sea - SNS Area 5 (R2)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	002° 04' 00" E	53° 29' 00" N
2	002° 07' 00" E	53° 29' 00" N
3	002° 07' 00" E	53° 26' 00" N
4	002° 04' 00" E	53° 26' 00" N
5	002° 04' 00" E	53° 29' 00" N

Southern North Sea - SNS Area 6 (R6)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	001° 48' 00" E	52° 56' 00" N
2	001° 53' 00" E	52° 56' 00" N
3	001° 53' 00" E	52° 55' 00" N
4	002° 06' 00" E	52° 55' 00" N
5	002° 06' 00" E	52° 54' 00" N
6	002° 08' 00" E	52° 54' 00" N
7	002° 08' 00" E	52° 53' 00" N
8	002° 21' 00" E	52° 53' 00" N
9	002° 21' 00" E	52° 50' 00" N
10	002° 24' 00" E	52° 50' 00" N
11	002° 24' 00" E	52° 48' 00" N
12	002° 36' 00" E	52° 48' 00" N
13	002° 36' 00" E	52° 46' 00" N
14	002° 45' 00" E	52° 46' 00" N
15	002° 45' 00" E	52° 30' 00" N
16	002° 53' 00" E	52° 30' 00" N
17	002° 53' 00" E	52° 34' 00" N
18	003° 08' 59" E	52° 34' 00" N
19	003° 03' 20" E	52° 25' 00" N
20	002° 55' 52" E	52° 17' 29" N
21	002° 50' 30" E	52° 12' 30" N
22	002° 47' 35" E	52° 10' 00" N
23	002° 37' 00." E	52° 10' 00" N
24	002° 37' 00" E	52° 27' 00" N
25	002° 16' 00" E	52° 27' 00" N
26	002° 16' 00" E	52° 16' 00" N
27	002° 14' 00" E	52° 16' 00" N
28	002° 14' 00" E	52° 18' 00" N
29	002° 13' 00" E	52° 18' 00" N
30	002° 13' 00" E	52° 20' 00" N
31	002° 00' 00" E	52° 20' 00" N
32	002° 00' 00" E	52° 24' 00" N
33	001° 52' 00" E	52° 24' 00" N
34	001° 52' 00" E	52° 32' 00" N
35	001° 50' 00" E	52° 32' 00" N
36	001° 50' 00" E	52° 42' 00" N
37	001° 48' 00" E	52° 42' 00" N
38	001° 48' 00" E	52° 56' 00" N

English Channel Area 1 (R2)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	003° 06' 00" W	50° 36' 00" N
2	002° 55' 00" W	50° 36' 00" N
3	002° 55' 00" W	50° 39' 00" N
4	002° 39' 00" W	50° 39' 00" N
5	002° 39' 00" W	50° 33' 00" N
6	002° 36' 00" W	50° 33' 00" N
7	002° 36' 00" W	50° 30' 00" N
8	002° 33' 00" W	50° 30' 00" N
9	002° 33' 00" W	50° 28' 00" N
10	002° 21' 00" W	50° 28' 00" N
11	002° 21' 00" W	50° 30' 00" N
12	002° 00' 00" W	50° 30' 00" N
13	002° 00' 00" W	50° 31' 00" N
14	001° 58' 00" W	50° 31' 00" N
15	001° 58' 00" W	50° 32' 00" N
16	001° 54' 00" W	50° 32' 00" N
17	001° 54' 00" W	50° 33' 00" N
18	001° 48' 00" W	50° 33' 00" N
19	001° 48' 00" W	50° 34' 00" N
20	001° 32' 00" W	50° 34' 00" N
21	001° 32' 00" W	50° 35' 00" N
22	001° 26' 00" W	50° 35' 00" N
23	001° 26' 00" W	50° 34' 00" N
24	001° 24' 00" W	50° 34' 00" N
25	001° 24' 00" W	50° 33' 00" N
26	001° 23' 00" W	50° 33' 00" N
27	001° 23' 00" W	50° 32' 00" N
28	001° 21' 00" W	50° 32' 00" N
29	001° 21' 00" W	50° 31' 00" N
30	001° 06' 00" W	50° 31' 00" N
31	001° 06' 00" W	50° 24' 00" N
32	000° 54' 00" W	50° 24' 00" N
33	000° 54' 00" W	50° 14' 00" N
34	001° 12' 00" W	50° 14' 00" N
35	001° 12' 00" W	50° 10' 00" N
36	003° 06' 00" W	50° 10' 00" N
37	003° 06' 00" W	50° 36' 00" N

East Irish Sea - EIS Area 1 (R2)

A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	003° 45' 00" W	54° 01' 00" N
2	003° 37' 00" W	54° 01' 00" N
3	003° 37' 00" W	54° 00' 00" N
4	003° 44' 00" W	54° 00' 00" N
5	003° 44' 00" W	53° 58' 00" N
6	003° 43' 00" W	53° 58' 00" N
7	003° 43' 00" W	53° 56' 00" N
8	003° 42' 00" W	53° 56' 00" N
9	003° 42' 00" W	53° 52' 00" N
10	003° 43' 00" W	53° 52' 00" N
11	003° 43' 00" W	53° 55' 00" N
12	003° 44' 00" W	53° 55' 00" N
13	003° 44' 00" W	53° 57' 00" N
14	003° 45' 00" W	53° 57' 00" N
15	003° 45' 00" W	54° 01' 00" N

East Irish Sea - EIS Area 2 (R2)

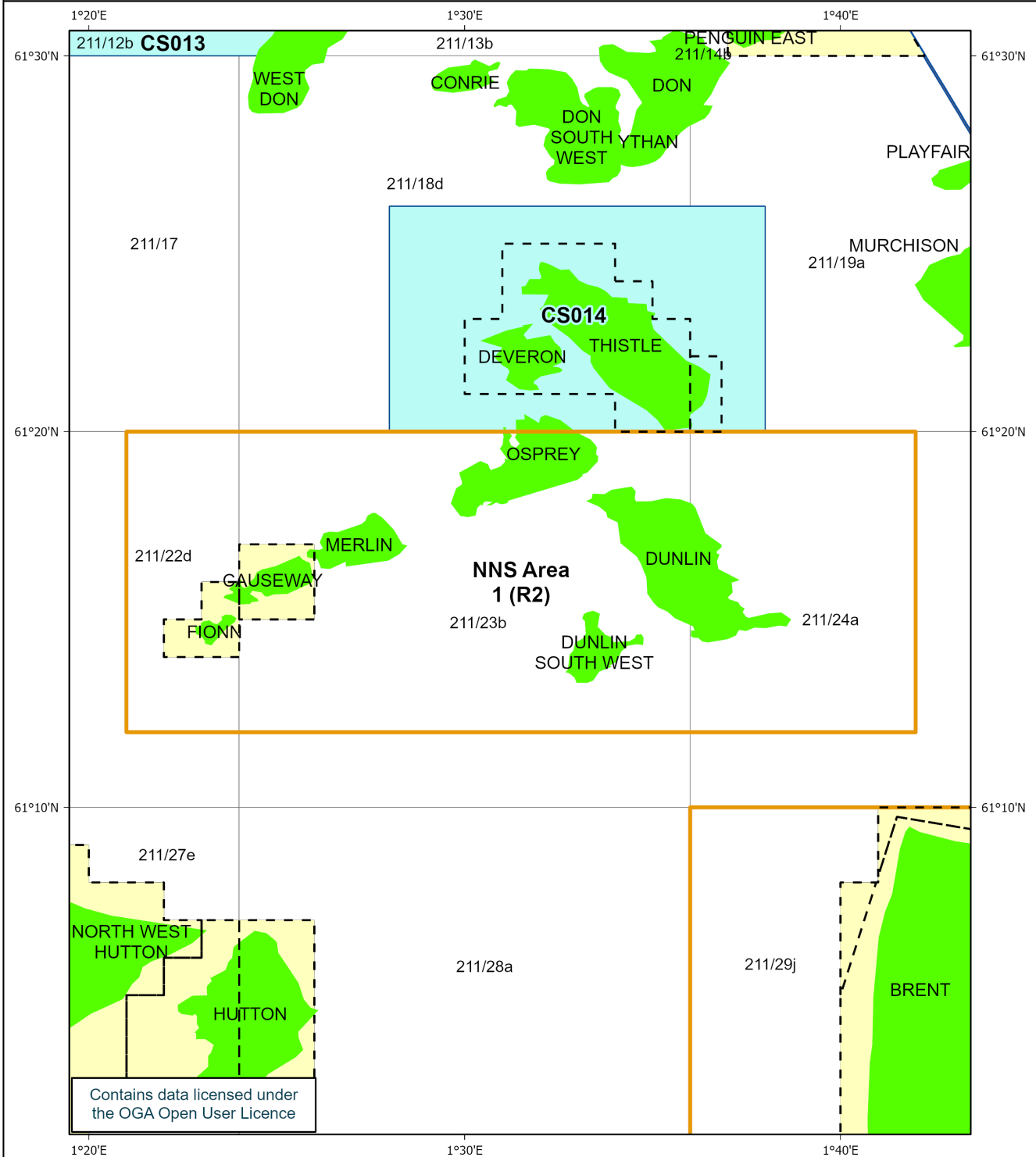
A polygon, the boundary of which is defined by parallels of Latitude and Meridians joining the following points, as defined on European Datum First Adjustment 1950.

A map of the Area is attached, for illustrative purposes only, at Appendix 2

Vertex Number (starting north west corner)	Longitude	Latitude
1	003° 36' 00" W	54° 00' 00" N
2	003° 35' 00" W	54° 00' 00" N
3	003° 35' 00" W	53° 59' 00" N
4	003° 33' 00" W	53° 59' 00" N
5	003° 33' 00" W	53° 58' 00" N
6	003° 32' 00" W	53° 58' 00" N
7	003° 32' 00" W	53° 56' 00" N
8	003° 31' 00" W	53° 56' 00" N
9	003° 31' 00" W	53° 54' 00" N
10	003° 30' 00" W	53° 54' 00" N
11	003° 30' 00" W	53° 50' 00" N
12	003° 31' 00" W	53° 50' 00" N
13	003° 31' 00" W	53° 53' 00" N
14	003° 32' 00" W	53° 53' 00" N
15	003° 32' 00" W	53° 55' 00" N
16	003° 33' 00" W	53° 55' 00" N
17	003° 33' 00" W	53° 57' 00" N
18	003° 36' 00" W	53° 57' 00" N
19	003° 36' 00" W	54° 00' 00" N

Appendix 2 – Illustrative Maps

UKCS Carbon Storage Licensing Round 2 2025: Area offered for application - NNS Area 1 (R2)



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UKCS Carbon Storage Licensing Round 2 2025

NNS Area 1

Updated: 11/27/2025

Spatial Reference: | GCS: GCS European 1950

Scale: 1:250,000

0 2 4 6 8 10 Kilometres

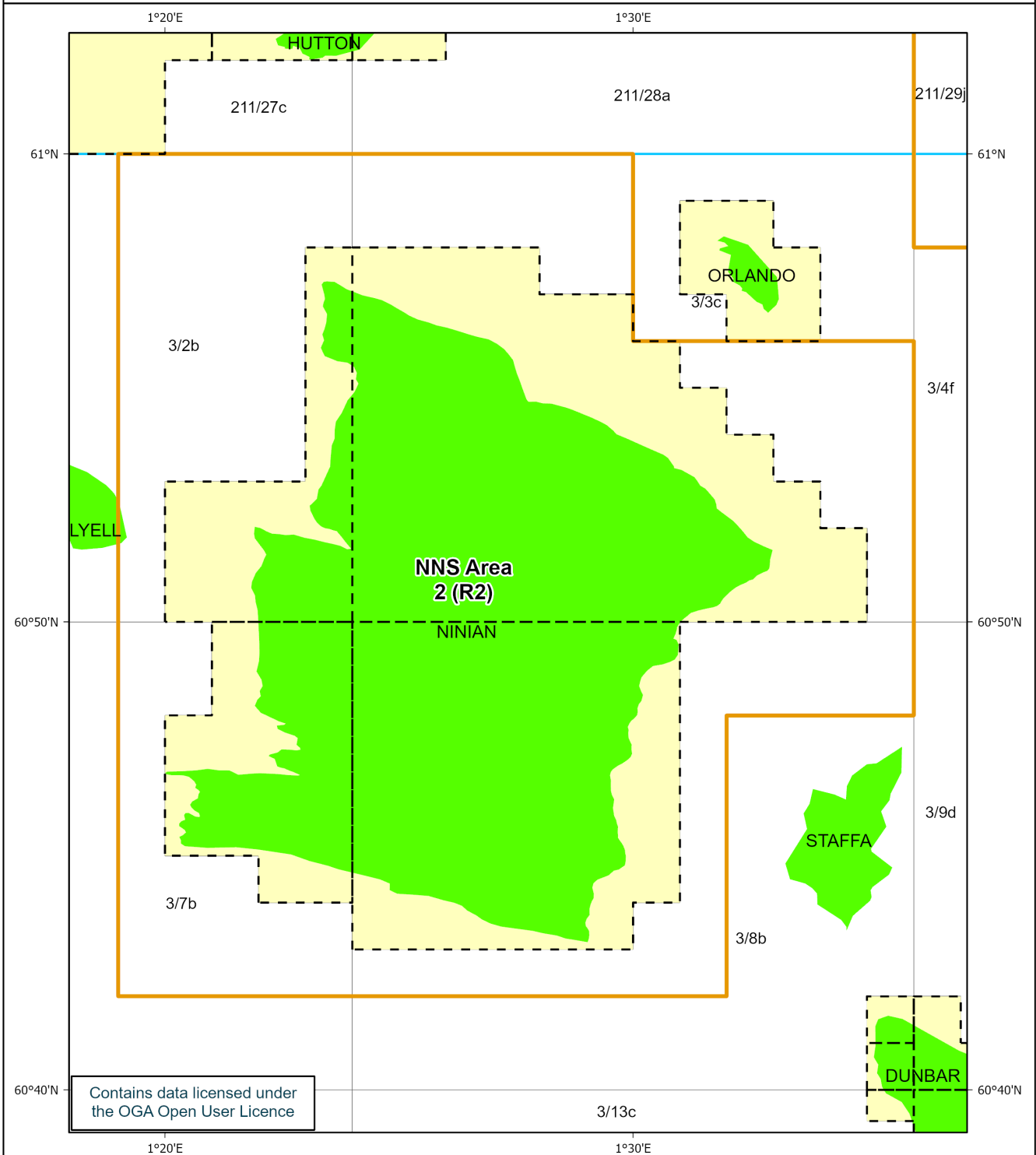
Legend

- Areas offered for applications
- Oil field
- Offshore production licensed block
- Offshore production unlicensed block
- Carbon dioxide appraisal and storage licences
- EEZ boundary line



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UKCS Carbon Storage Licensing Round 2 2025: Area offered for application - NNS Area 2 (R2)



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UKCS Carbon Storage Licensing Round 2 2025

NNS Area 2

Updated: 11/27/2025

Spatial Reference: | GCS: GCS European 1950

Scale: 1:200,000

0 2 4 6 8 10 Kilometres

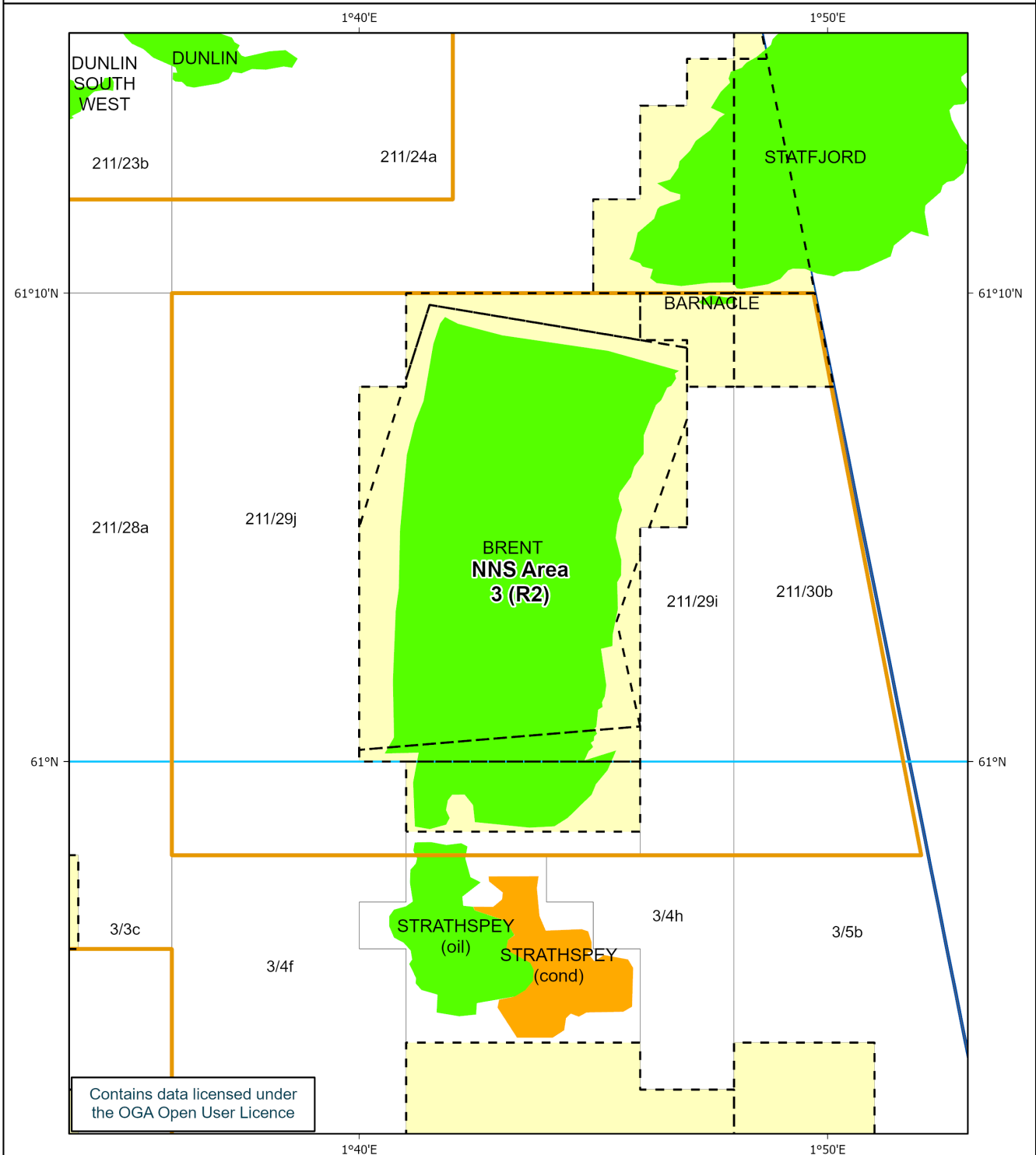
Legend

- Areas offered for applications
- Oil field
- Offshore production licensed block
- Offshore production unlicensed block
- UKCS quadrants

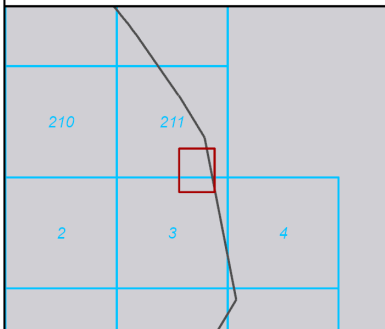


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UKCS Carbon Storage Licensing Round 2 2025: Area offered for application - NNS Area 3 (R2)



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UKCS Carbon Storage Licensing Round 2 2025

NNS Area 3

Updated: 11/27/2025

Spatial Reference: | GCS: GCS European 1950

Scale: 1:200,000

0 2 4 6 8 10 Kilometres

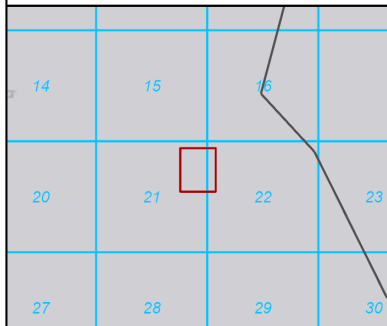
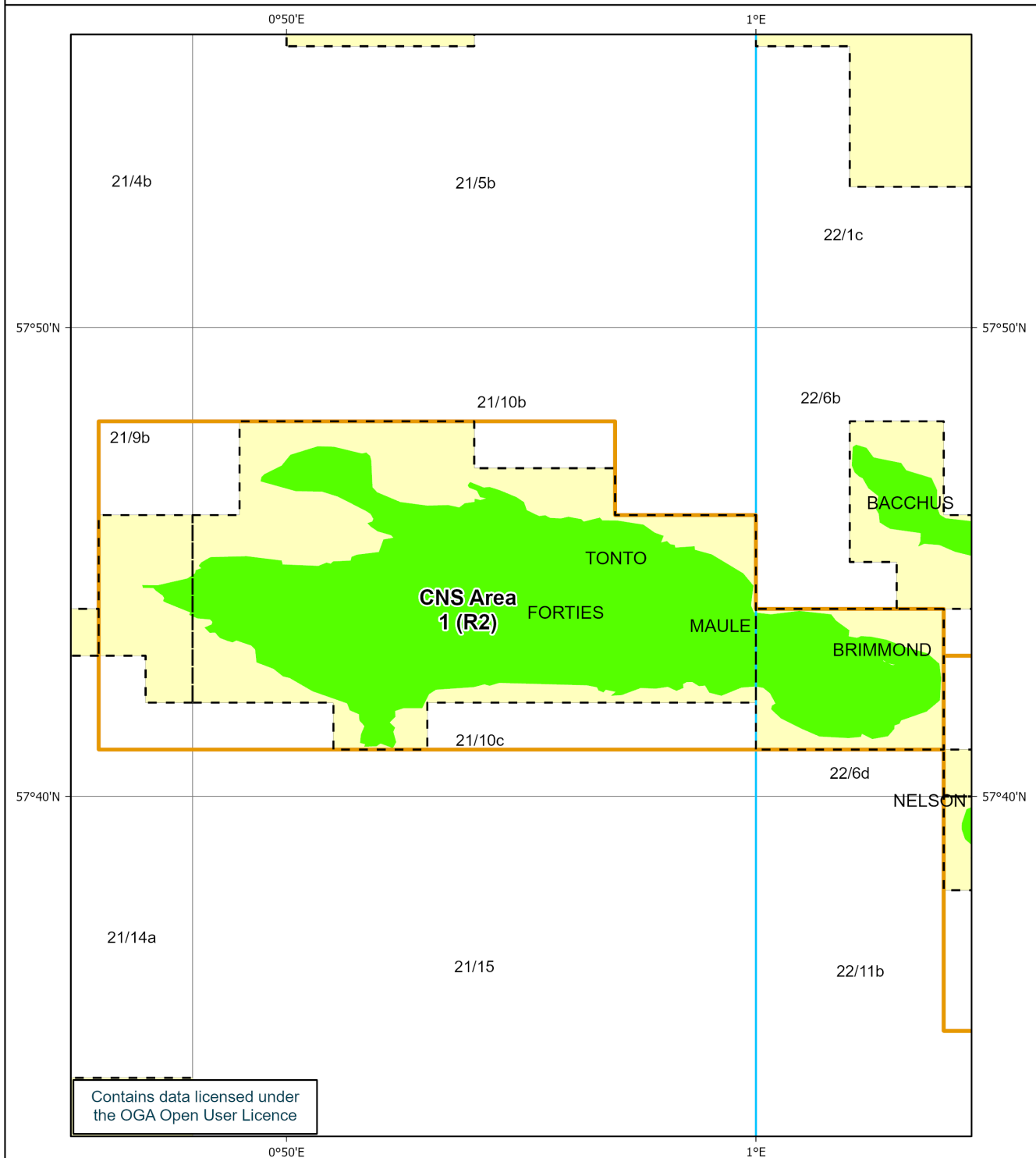
Legend

- Areas offered for applications
- Oil field
- Condensate field
- Offshore production licensed block
- Offshore production unlicensed block
- UKCS quadrants
- EEZ boundary line



North Sea Transition Authority

UKCS Carbon Storage Licensing Round 2 2025: Area offered for application - CNS Area 1 (R2)



UKCS Carbon Storage Licensing Round 2 2025

CNS Area 1

Updated: 12/1/2025

Spatial Reference: | GCS: GCS European 1950

Scale: 1:200,000

0 2 4 6 8 10 Kilometres

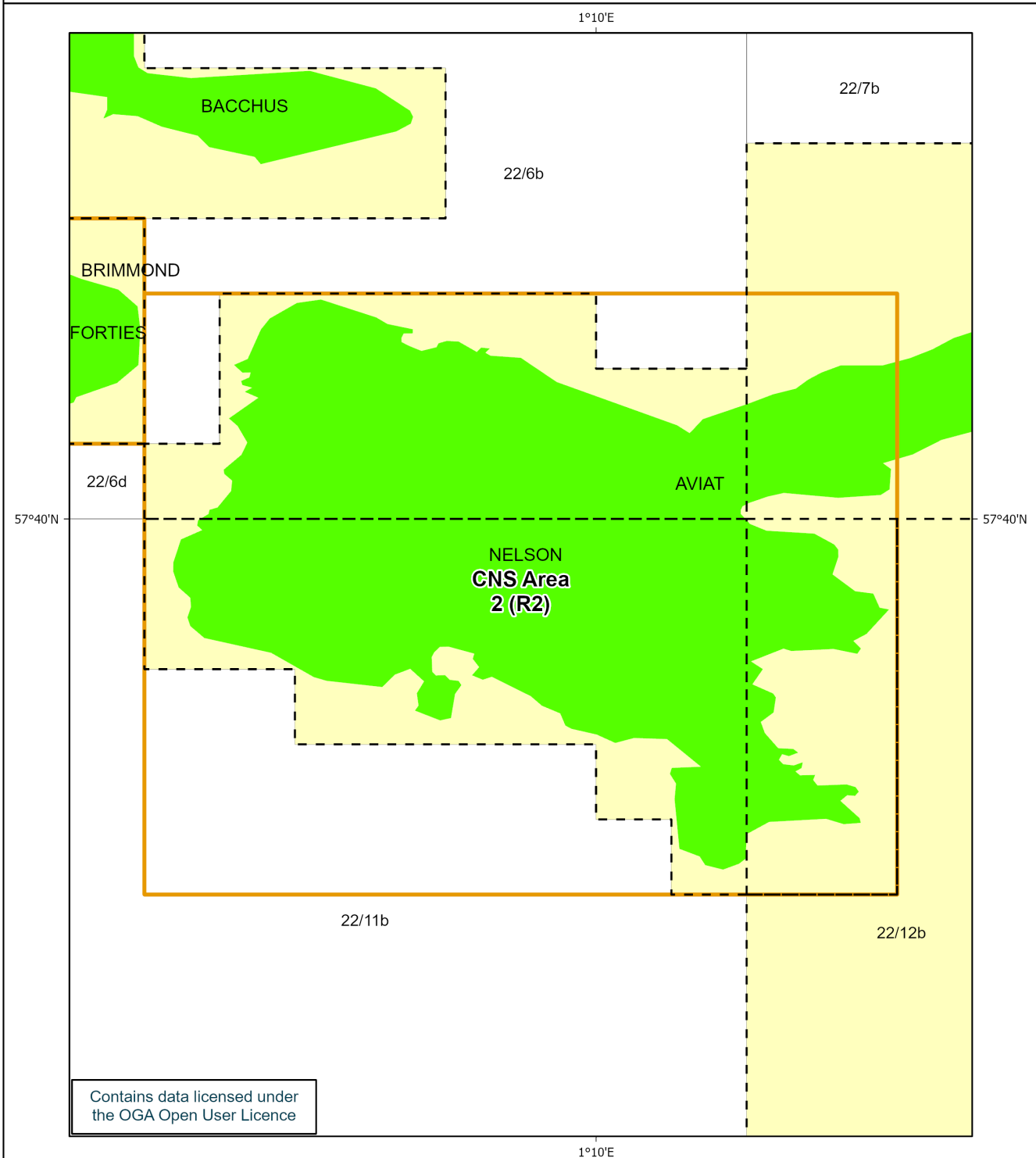
Legend

- Areas offered for applications
- Oil field
- Offshore production licensed block
- Offshore production unlicensed block
- UKCS quadrants

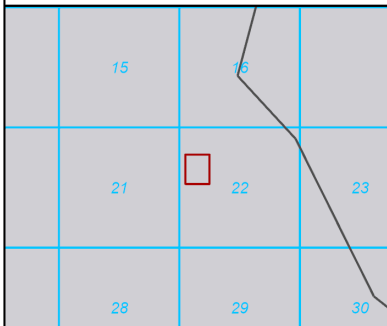


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UKCS Carbon Storage Licensing Round 2 2025: Area offered for application - CNS Area 2 (R2)



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UKCS Carbon Storage Licensing Round 2 2025

CNS Area 2

Updated: 12/1/2025

Spatial Reference: | GCS: GCS European 1950

Scale: 1:125,000

0 1.5 3 4.5 6 7.5 Kilometres

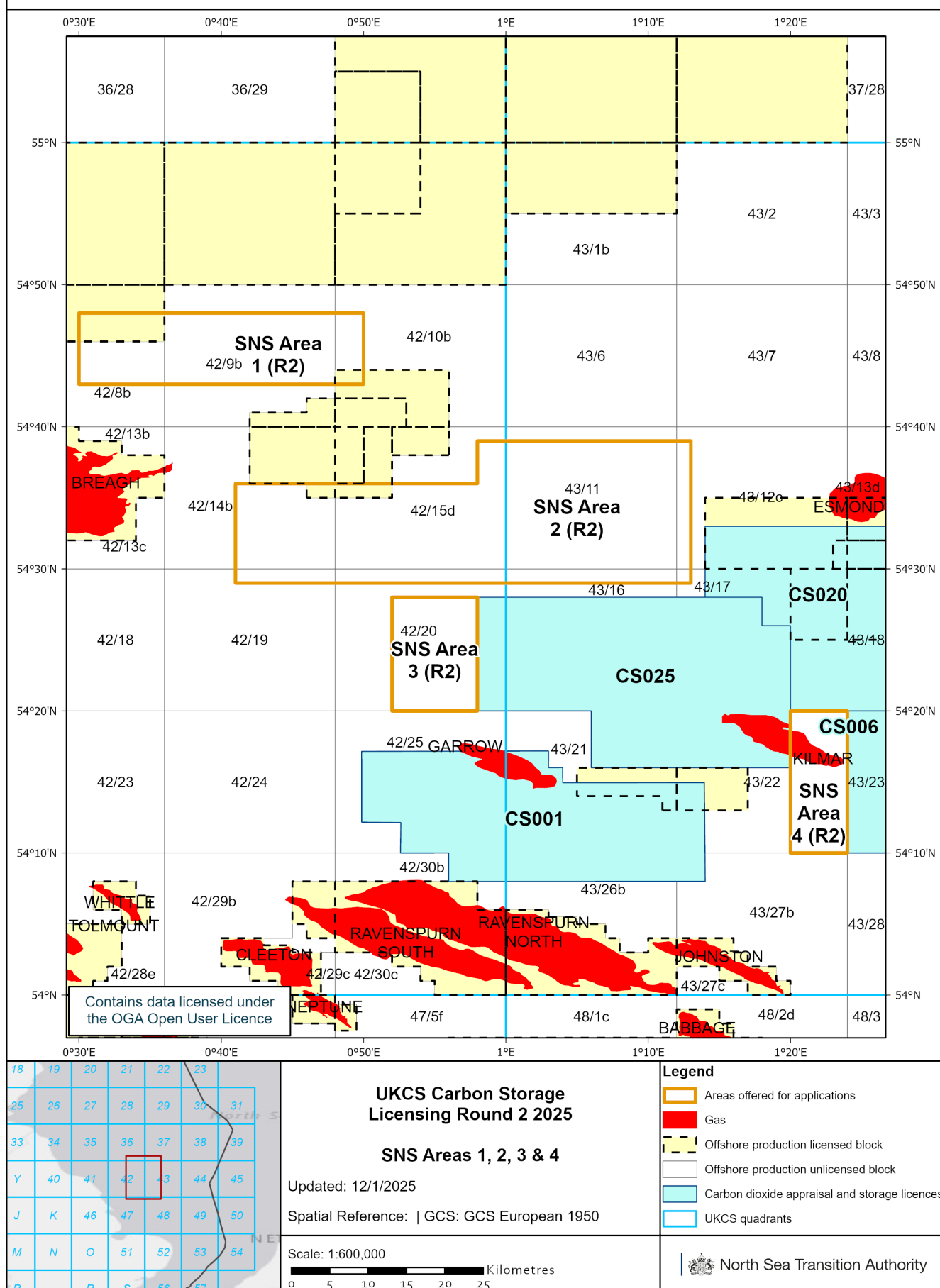
Legend

- Areas offered for applications
- Oil field
- Offshore production licensed block
- Offshore production unlicensed block

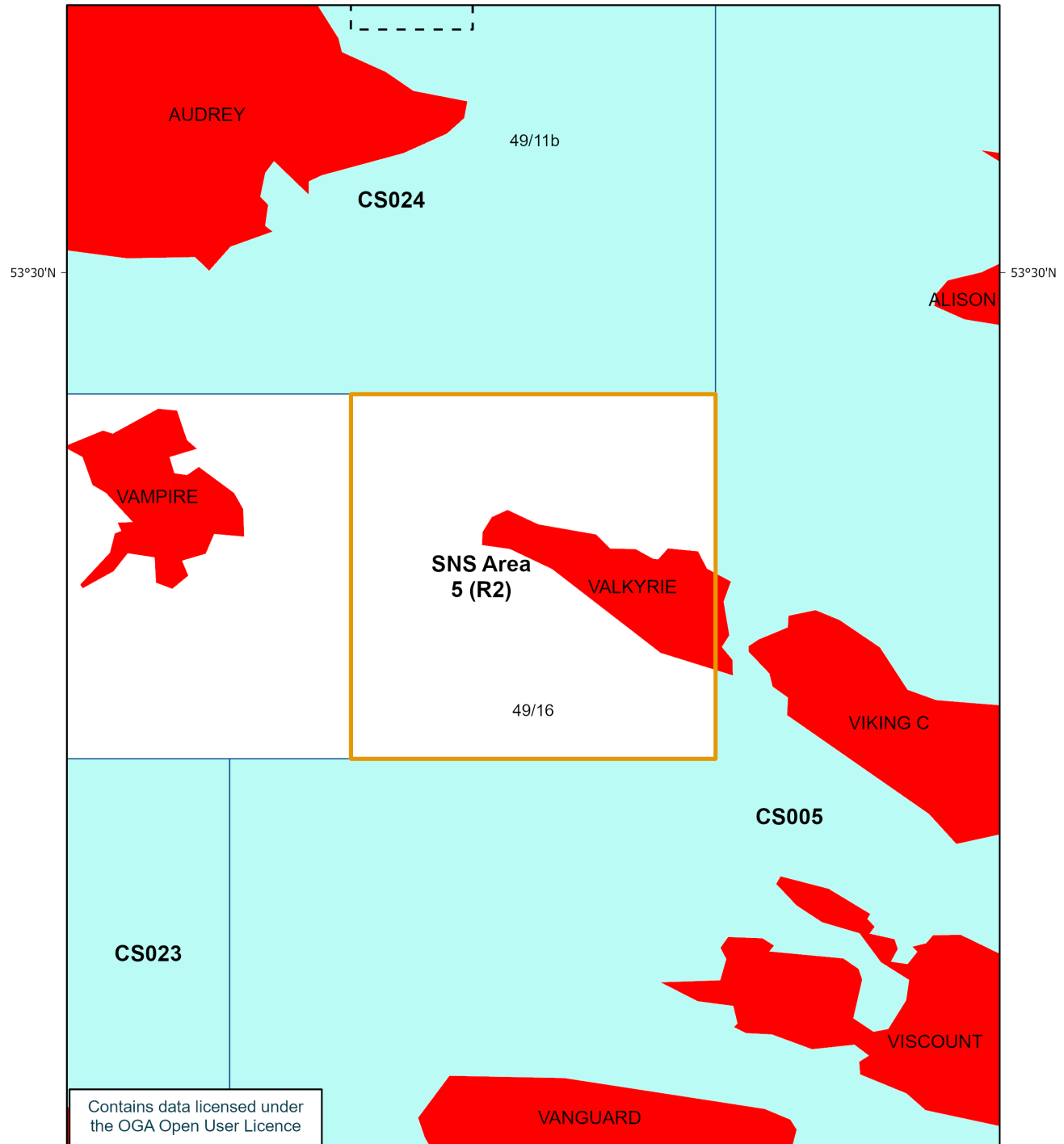


North Sea Transition Authority

UKCS Carbon Storage Licensing Round 2 2025: Area offered for application - SNS Areas 1, 2, 3, & 4 (R2)



UKCS Carbon Storage Licensing Round 2 2025: Area offered for application - SNS Area 5 (R2)



UKCS Carbon Storage Licensing Round 2 2025

SNS Area 5

Updated: 11/27/2025

Spatial Reference: | GCS: GCS European 1950

Scale: 1:80,000

0 1 2 3 4 5 Kilometres

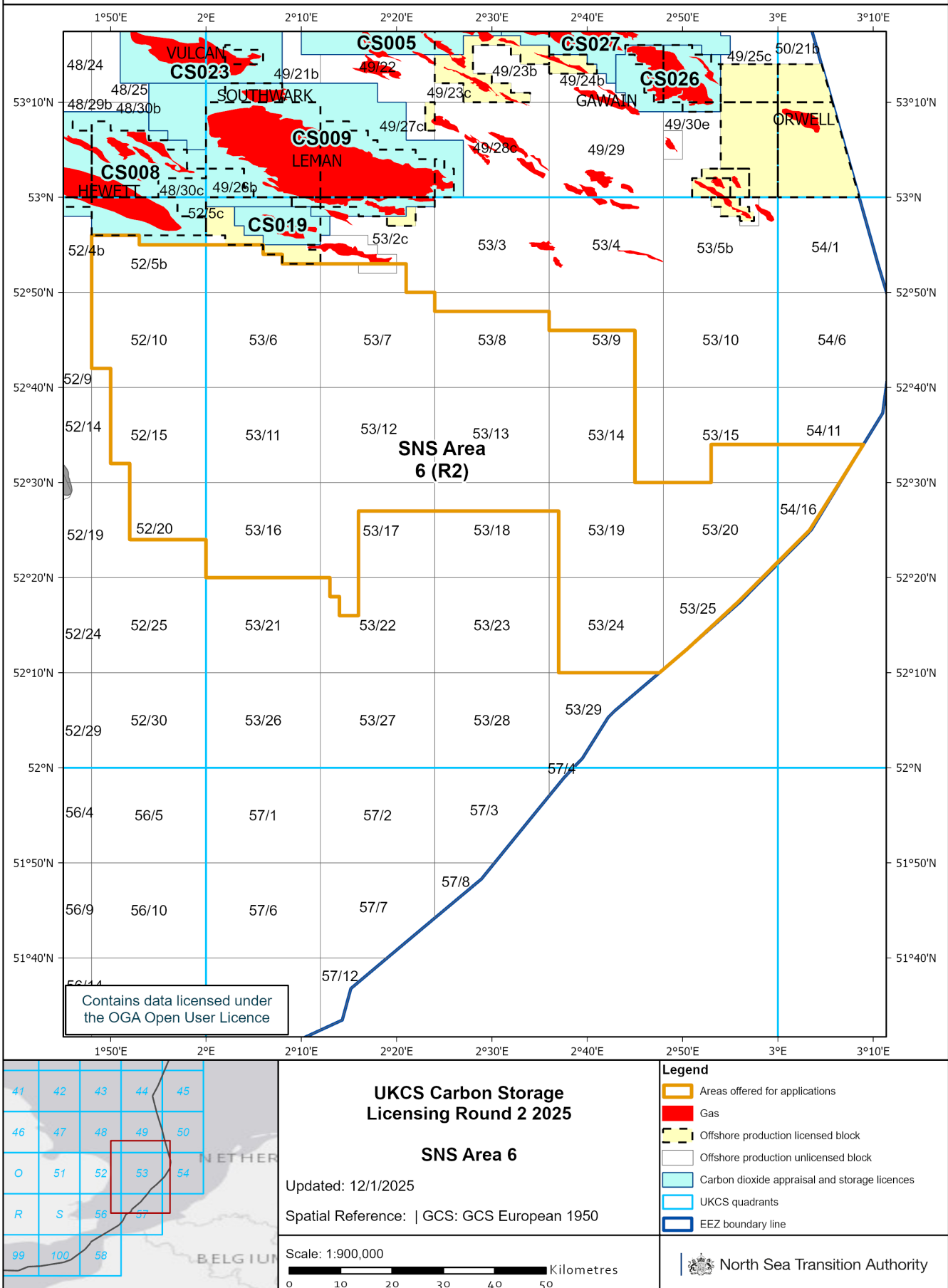
Legend

- Areas offered for applications
- Gas
- Offshore production licensed block
- Offshore production unlicensed block
- Carbon dioxide appraisal and storage licences

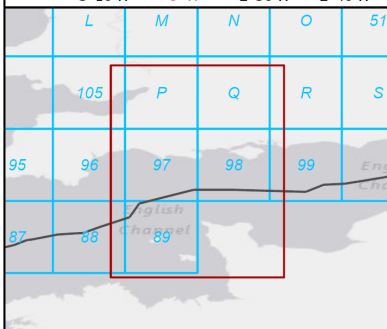
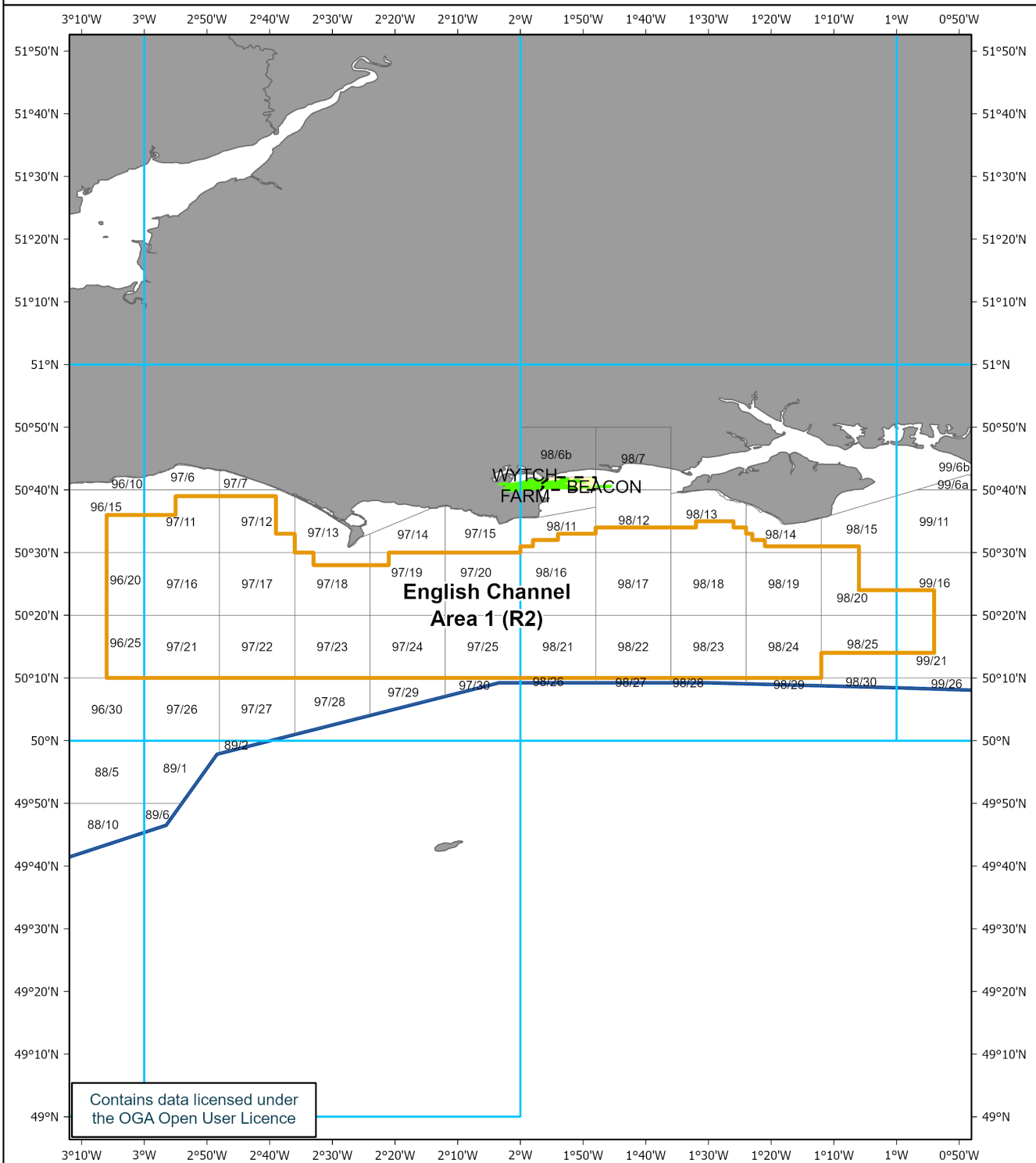


North Sea Transition Authority

UKCS Carbon Storage Licensing Round 2 2025: Area offered for application - SNS Area 6 (R2)



UKCS Carbon Storage Licensing Round 2 2025: Area offered for application - English Channel Area 1 (R2)



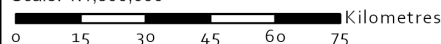
UKCS Carbon Storage Licensing Round 2 2025

English Channel Area 1

Updated: 11/27/2025

Spatial Reference: | GCS: GCS European 1950

Scale: 1:1,500,000



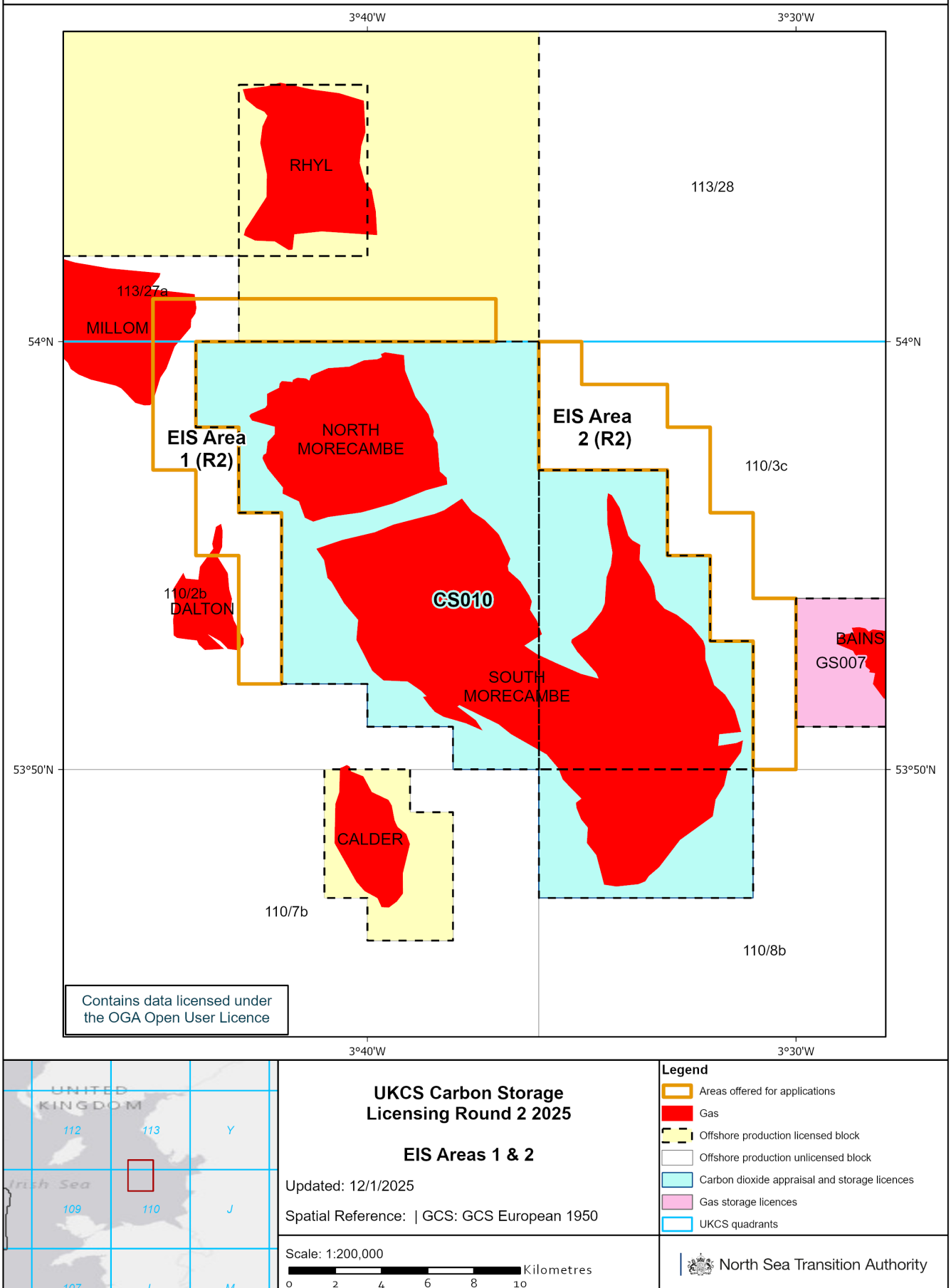
Legend

- Areas offered for applications
- Oil field
- Offshore production licensed block
- Offshore production unlicensed block
- UKCS quadrants
- EEZ boundary line



North Sea Transition Authority

UKCS Carbon Storage Licensing Round 2 2025: Area offered for application - EIS Areas 1 & 2 (R2)



Appendix 3 – Matters raised by OPRED

OPRED has advised as follows:

Prospective applicants should be aware that sites which are part of the national site network (SACs and SPAs) may, subject to the conclusions of any Habitats Regulations Assessment, preclude development, necessitate suitable mitigation measures so as to avoid adverse effects on a designated site or species, or in some circumstance, would require derogation and compensatory measures. Potential applicants should be aware of the risks to mobile species which may range far from the protected area boundaries but are nonetheless subject to protection.

There are a range of Marine Protected Areas (SAC, SPA, and MCZ) which are within or overlap with the Areas.

Prospective applicants are referred to the JNCC's website (<https://jncc.gov.uk/mpa-mapper>) where the spatial extent of all relevant National Sites Network sites can be viewed and accessed.

SNS Area 1 (R2), SNS Area 2 (R2), SNS Area 3 (R2), SNS Area 4 (R2)

The main challenge at licensing and/or development stage will be Dogger Bank; this site is in unfavourable condition.

Other national site network site (SACs or SPAs) requiring consideration as it overlaps with or are immediately adjacent to the proposed areas is:

- Southern North Sea SAC

SNS Area 5 (R2)

The main challenge at licensing and/or development stage will be the North Norfolk Sandbanks and Saturn Reef SAC; this site is designated for seabed habitats and is in unfavourable condition.

Other national site network site (SACs or SPAs) requiring consideration as it overlaps with or is immediately adjacent to the proposed area is:

- Southern North Sea SAC

SNS Area 6 (R2)

The main challenge at licensing and/or development stage will be the Haisborough Hammond and Winterton SAC; this site is in unfavourable condition.

Other national site network sites (SACs and SPAs) requiring consideration as they overlap with or are immediately adjacent to the proposed area are:

- Southern North Sea SAC
- Outer Thames Estuary SPA

English Channel Area (R2)

The main challenge at licensing and/or development stage will be the Wight-Barfleur Reef SAC which covers the south eastern quarter of the proposed area; this site is in unfavourable condition.

Other national site network sites (SACs and SPAs) requiring consideration as they overlap with or are immediately adjacent to the proposed area are:

- Isle of Portland to Studland Cliffs SAC

- Lyme Bay and Torbay SAC
- Chesil and the Fleet SAC
- Solent and Dorset Coast SPA

In addition, the following MCZs are within or overlap with the proposed area and will also require consideration in activity planning and permitting:

- East of Start Point
- South of Portland
- South Dorset
- West of Wight-Barfleur
- Albert Field
- Offshore Brighton

EIS Area 1 (R2), EIS Area 2 (R2)

The national site network site (SACs or SPAs) requiring consideration as it overlaps with or are immediately adjacent to the proposed area is:

- Liverpool Bay SPA

In addition, the West of Walney MCZ is within or overlaps with the proposed area and will also require consideration in activity planning and permitting.

Appendix 4 – Matters raised by the MOD

The MOD conditions that will be applicable to any CS Licence(s) in the Area are listed below.

The standard defence conditions referenced are:

D1

The Licensee shall give the Ministry of Defence 6 months' prior notice to any installation movements within the block.

D2

The Licensee shall give the Ministry of Defence 6 weeks' prior notice of any seismic survey within the block.

D3

The Licensee shall, at its own expense, install and maintain underwater sonar beacons to Ministry of Defence specifications on any structures that may be silent at any time within the block.

D4

The Ministry of Defence must be notified, at least 12 months in advance of the proposed siting of any installation, whether fixed to the seabed, resting on the seabed or floating, which is intended for the purpose of undertaking carbon storage or exploration, testing or surveying for carbon storage.

The MOD will, within 30 Calendar days of receipt of such Notification, notify the Licensee that it is content with this location or otherwise notify that a MOD activity at the location would require re-siting of the installation from the requested location.

In the case of potential difficulties identified by either the MOD or the Licensee, discussion should be held between the parties (within three months of the original notification) with a view to achieving a mutually acceptable location.

Where there are customised defence conditions for an Area, these are specified below.

NNS Area 1 (R2)

Blocks

211/22	subject to standard defence conditions D1, D2 and D3
211/23	subject to standard defence conditions D1, D2 and D3
211/24	subject to standard defence conditions D1, D2 and D3

NNS Area 2 (R2)

Blocks

3/2	subject to standard defence conditions D1, D2 and D3
3/3	subject to standard defence conditions D1, D2 and D3
3/7	subject to standard defence conditions D1, D2 and D3
3/8	subject to standard defence conditions D1, D2 and D3

NNS Area 3 (R2)

Blocks

211/29	subject to standard defence conditions D1, D2 and D3
211/30	subject to standard defence conditions D1, D2 and D3
3/4	subject to standard defence conditions D1, D2 and D3
3/5	subject to standard defence conditions D1, D2 and D3

CNS Area 1 (R2)

Blocks

21/9	subject to standard defence conditions D1, D2 and D3
21/10	subject to standard defence conditions D1, D2 and D3
22/6	subject to standard defence conditions D1, D2 and D3

CNS Area 2 (R2)

Blocks

22/6	subject to standard defence conditions D1, D2 and D3
22/7	subject to standard defence conditions D1, D2 and D3
22/11	subject to standard defence conditions D1, D2 and D3
22/12	subject to standard defence conditions D1, D2 and D3

SNS Area 1 (R2)

Blocks

42/8	subject to standard defence conditions D1, D2, D3 and customised condition D4
42/9	subject to standard defence conditions D1, D2, D3 and customised condition D4
42/10	subject to standard defence conditions D1, D2, D3 and customised condition D4

The SNS Area 1 (R2) will be subject to the following customised version of the D4 condition:

D4

The Ministry of Defence must be notified, at least 12 months in advance of the proposed siting of any permanent or temporary installations, whether fixed to the seabed, resting on the seabed or floating, which is intended for the purpose of conveying carbon, drilling, carbon storage, carbon injection or carbon storage monitoring.

Permanent installations suspended in the water, on the surface of the sea or projecting above the surface of the sea are not permitted in any part of the block located within the boundaries of Ministry of Defence Danger Area D412.

The deployment and operation of any type of installation or infrastructure for the purposes of conveying, transferring, off-loading, injecting or storing carbon to which carbon (including carbon dioxide in gas or liquid forms) is delivered by any means other than a pipeline installed on or in the seafloor, is prohibited in any part of the block located within the boundaries of Ministry of Defence Danger Area D412.

The Ministry of Defence will, within 30 Calendar days of receipt of such Notification, notify the Licensee that it is content with this location or otherwise notify that a MOD activity at the location would require re-siting of the installation from the requested location.

In the case of potential difficulties identified by either the Ministry of Defence or the Licensee, discussion should be held between the parties (within three months of the original notification) with a view to achieving a mutually acceptable location. The licensee shall provide the Ministry of Defence with the precise coordinates of any installations that are then deployed within the block, within 1 week of completing their deployment.

The licensee shall notify the Ministry of Defence when any installations are decommissioned or removed within 1 week of completion.

SNS Area 2 (R2)

Blocks

42/14	subject to standard defence conditions D1, D2 and D3
42/15	subject to standard defence conditions D1, D2 and D3
43/11	subject to standard defence conditions D1, D2 and D3
43/12	subject to standard defence conditions D1, D2 and D3
42/19	subject to standard defence conditions D1, D2 and D3
42/20	subject to standard defence conditions D1, D2 and D3
43/16	subject to standard defence conditions D1, D2 and D3
43/17	subject to standard defence conditions D1, D2 and D3

SNS Area 3 (R2)

Blocks

42/20	subject to standard defence conditions D1, D2 and D3
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SNS Area 4 (R2)

Blocks

43/22	subject to standard defence conditions D1, D2 and D3
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SNS Area 5 (R2)

Blocks

49/16	subject to standard defence conditions D1, D2 and D3
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SNS Area 6 (R2)

Blocks

52/5	subject to standard defence conditions D1, D2, D3 and standard conditions D4
52/10	subject to standard defence conditions D1, D2, D3 and standard conditions D4
52/15	subject to standard defence conditions D1, D2, D3 and standard conditions D4

52/20	subject to standard defence conditions D1, D2, D3 and standard conditions D4
53/1	subject to standard defence conditions D1, D2 and D3
53/2	subject to standard defence conditions D1, D2 and D3
53/6	subject to standard defence conditions D1, D2, D3 and standard conditions D4
53/7	subject to standard defence conditions D1, D2 and D3
53/8	subject to standard defence conditions D1, D2 and D3
53/9	subject to standard defence conditions D1, D2 and D3
53/11	subject to standard defence conditions D1, D2, D3 and standard conditions D4
53/12	subject to standard defence conditions D1, D2 and D3
53/13	subject to standard defence conditions D1, D2 and D3
53/14	subject to standard defence conditions D1, D2 and D3
53/15	subject to standard defence conditions D1, D2, D3 and standard conditions D4
53/16	subject to standard defence conditions D1, D2 and D3
53/17	subject to standard defence conditions D1, D2 and D3
53/18	subject to standard defence conditions D1, D2 and D3
53/19	subject to standard defence conditions D1, D2 and D3
53/20	subject to standard defence conditions D1, D2, D3 and standard conditions D4
53/22	subject to standard defence conditions D1, D2 and D3
53/24	subject to standard defence conditions D1, D2, D3 and standard conditions D4
53/25	subject to standard defence conditions D1, D2, D3 and standard conditions D4
54/11	subject to standard defence conditions D1, D2, D3 and standard conditions D4
54/16	subject to standard defence conditions D1, D2 and D3

English Channel Area 1 (R2)

Blocks

96/15	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
96/20	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
96/25	subject to standard defence conditions D1, D2, D3 and customised condition D4
97/11	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
97/12	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
97/16	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
97/17	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
97/18	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
97/19	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
97/20	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
97/21	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6

97/22	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
97/23	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
97/24	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
97/25	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/11	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/12	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/13	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/14	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/15	subject to standard defence conditions D1, D2, D3 and customised condition D4
98/16	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/17	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/18	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/19	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/20	subject to standard defence conditions D1, D2, D3 and customised condition D4
98/21	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/22	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/23	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/24	subject to standard defence conditions D1, D2, D3 and customised condition D4 & D6
98/25	subject to standard defence conditions D1, D2, D3 and customised condition D4
99/16	subject to standard defence conditions D1, D2, D3 and customised condition D4
99/21	subject to standard defence conditions D1, D2, D3 and customised condition D4

For English Channel Area 1 (R2), the customised version of condition D4 and an additional specialist condition D6 are set out below:

D4

The Ministry of Defence must be notified, at least 12 months in advance of the proposed siting of any permanent or temporary installations, whether fixed to the seabed, resting on the seabed or floating, which is intended for the purpose of conveying carbon, drilling, carbon storage, carbon injection or carbon storage monitoring.

Permanent installations suspended in the water, on the surface of the sea or projecting above the surface of the sea are not permitted.

The deployment and operation of any type of installation or infrastructure for the purposes of conveying, transferring, off-loading, injecting or storing carbon to which carbon (including carbon dioxide in gas or liquid forms) is delivered by any means other than a pipeline installed on or in the seafloor, is prohibited in any part of the block located within the boundaries of a Ministry of Defence Danger and/or Exercise Area.

The Ministry of Defence will, within 30 Calendar days of receipt of such Notification, notify the Licensee that it is content with this location or otherwise notify that a MOD activity at the location would require re-siting of the installation from the requested location.

In the case of potential difficulties identified by either the Ministry of Defence or the Licensee, discussion should be held between the parties (within three months of the original notification) with a view to achieving a mutually

acceptable location. The licensee shall provide the Ministry of Defence with the precise coordinates of any installations that are then deployed within the block, within 1 week of completing their deployment.

The licensee shall notify the Ministry of Defence when any installations are decommissioned or removed within 1 week of completion.

D6

A programme of works to deploy and install any carbon storage installations or associated infrastructure, or to undertake intrusive works or survey activities (such as drilling), is to be submitted for the approval of the consenting authority in consultation with the Ministry of Defence to ensure such activities are scheduled to occur when Ministry of Defence acoustic range facilities are not operational, or, otherwise define means to regulate acoustic emissions from such activities, to prevent interference with Ministry of Defence acoustic range operations.

Prior to the deployment of any carbon storage installations or associated infrastructure, an acoustic emissions management plan must be submitted for the approval of the consenting authority in consultation with the Ministry of Defence.

The acoustic emissions management plan should define:

- specifications for operational sub-sea installations including compressors, injection pumps and associated, infrastructure defining the maximum acoustic emissions that they would produce.
- details of measures designed to prevent noise interference being caused to Ministry of Defence acoustic range facilities at Portland through the operation of sub-sea installations and other equipment or vessels that may periodically be deployed and operated in conjunction with sub-sea installations.
- a schedule setting out how the development(s) will be operated, maintained and tested throughout its life to ensure that acoustic emissions will not impact Ministry of Defence acoustic range operations.
- a protocol through which the operator can be notified of noise interference issues or observations relating to the operation of Ministry of Defence acoustic range facilities, the measures that would be taken to investigate, and a description of the approach to resolving/rectifying/ mitigating any such impacts identified by the Ministry of Defence.

EIS Area 1 (R2)

Blocks

110/2	subject to standard defence conditions D1, D2 and D3
113/27	subject to standard defence conditions D1, D2 and D3 and standard conditions D4

EIS Area 2 (R2)

Blocks

110/3	subject to standard defence conditions D1, D2 and D3 and standard conditions D4
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North Sea Transition Authority

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