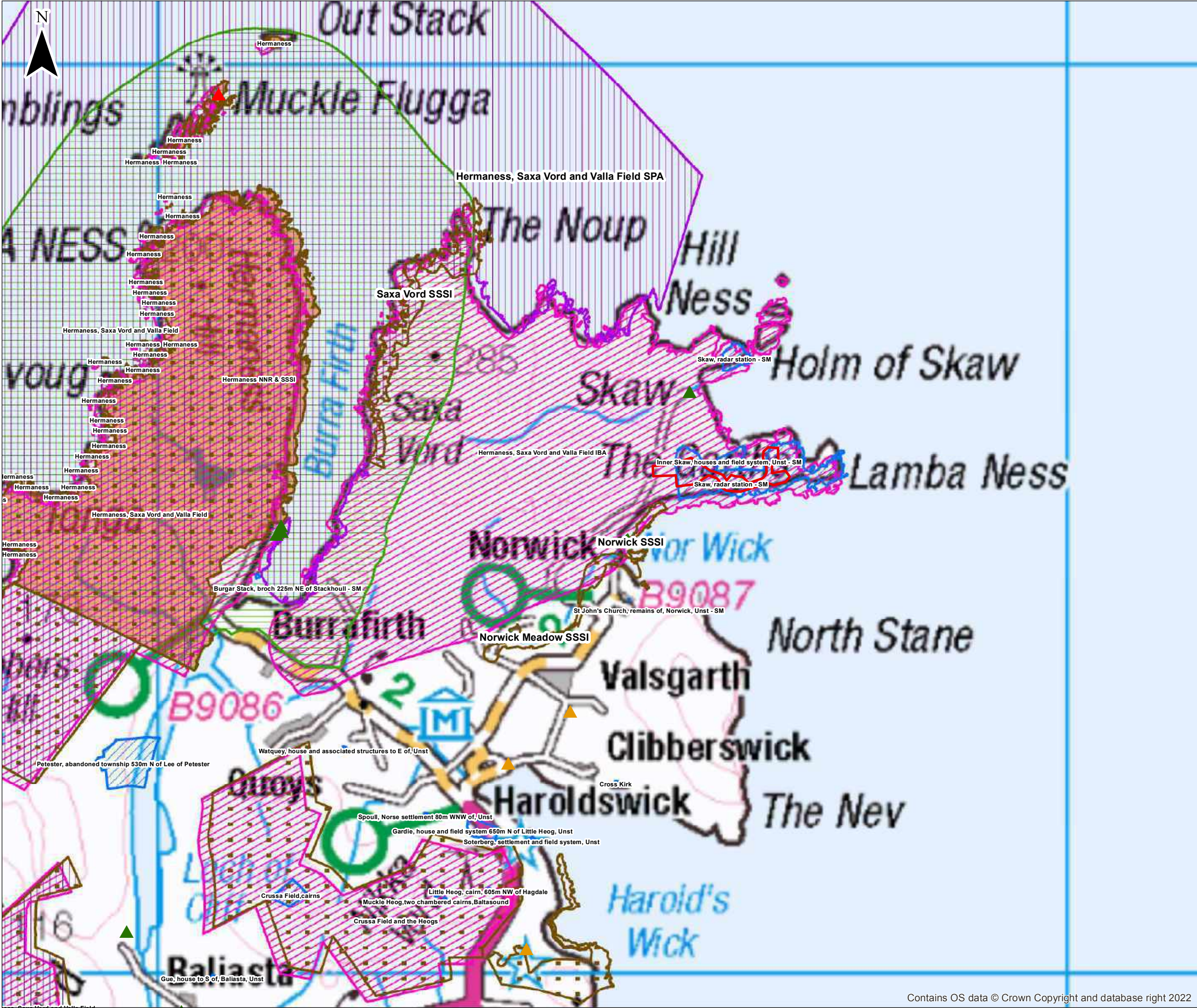


Volume III AEE Drawings

Chapter 1 Drawing 1.1 Statutory Environmental Designations



KEY

- Proposed Project
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Important Bird Area (IBA)
- National Nature Reserve (NNR)
- National Scenic Area (NSA)
- Scheduled Monument (SM)
- A-Listed
- B-Listed
- C-Listed

0 0.7 1.4 km

Scale 1:40,000 @ A3

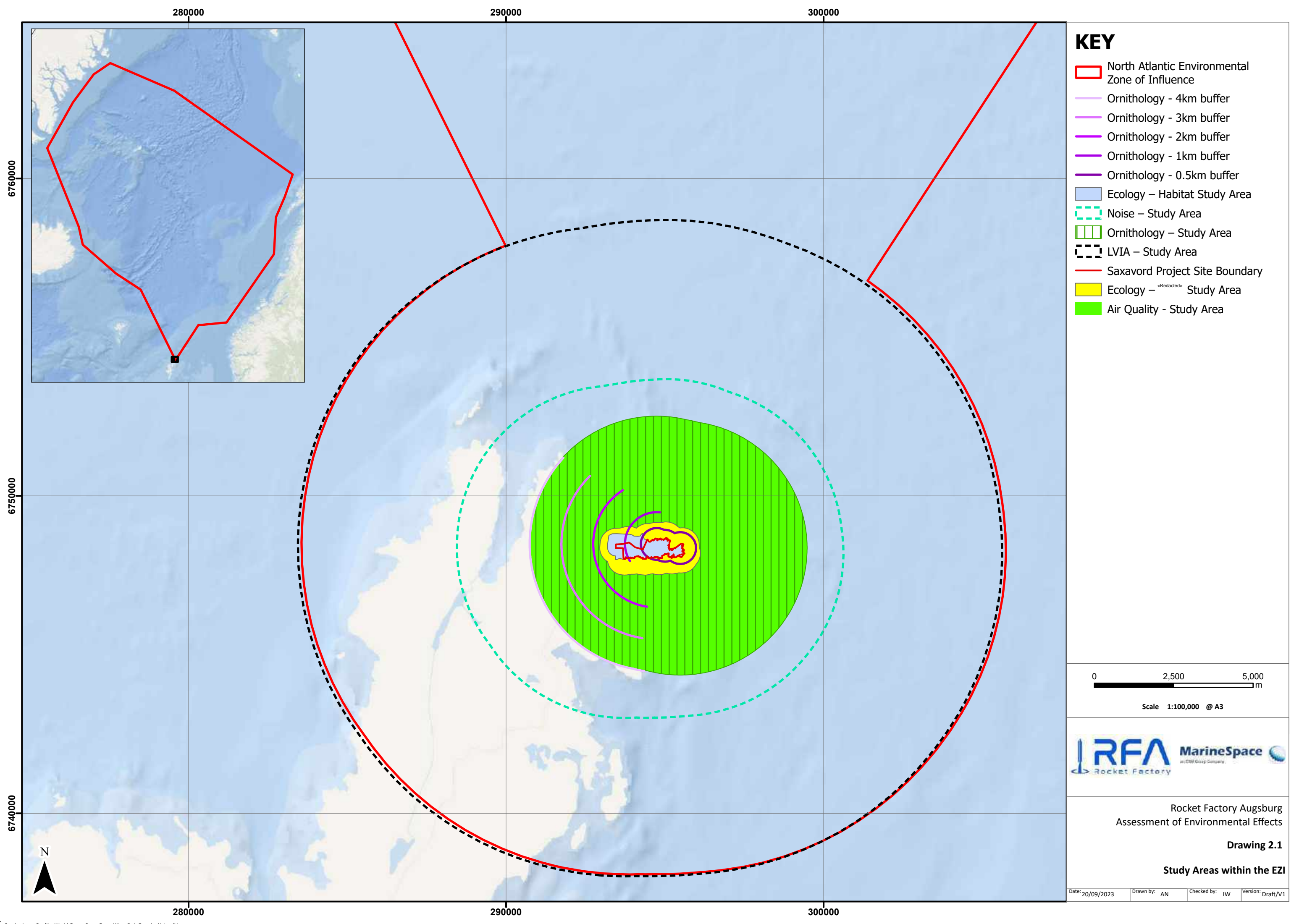
RFA Rocket Factory ITPENERGISED

RFA SaxaVord
Assessment of Environmental Effects

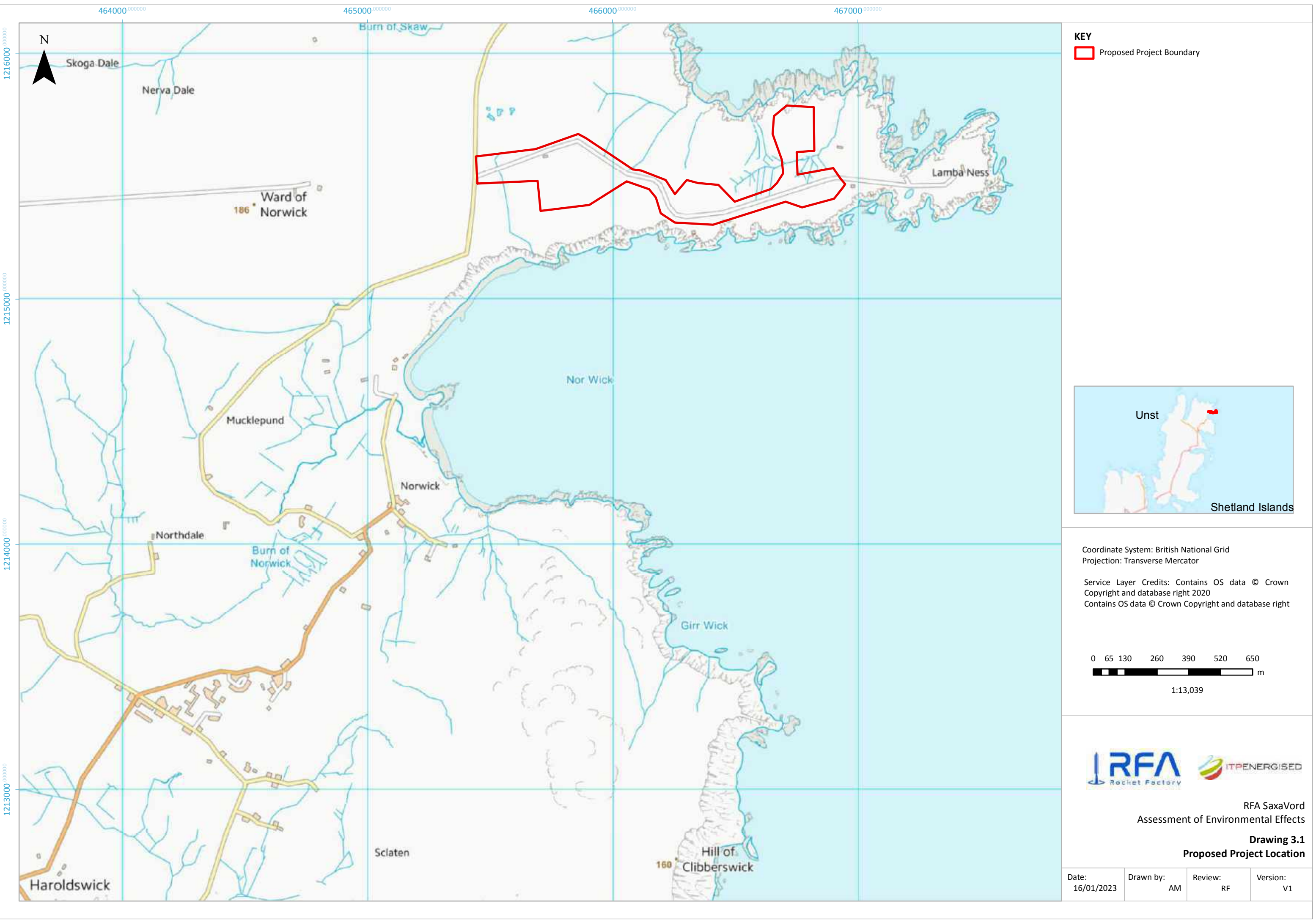
Drawing 1.1
Statutory Environmental Designations

Date: 16/01/2023	Drawn by: AM	Checked by: RF	Version: V2
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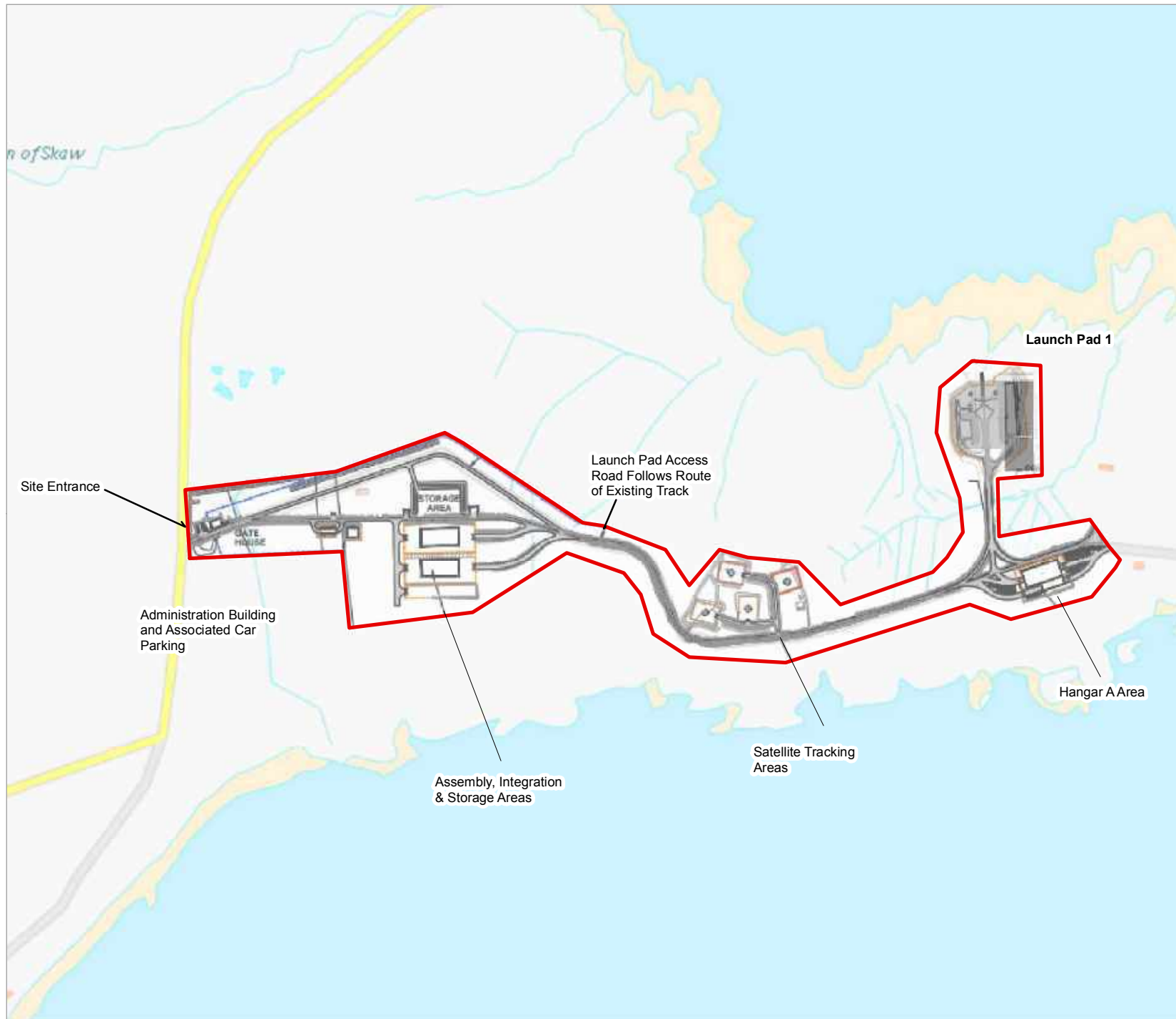
Chapter 2 Drawing 2.1 Study Areas within the Environmental Zone of Influence



Chapter 3 Drawing 3.1 Proposed Project Location



Chapter 3 Drawing 3.2 Proposed Launch Site Layout



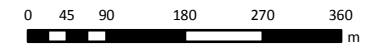
KEY

Proposed Project Boundary



Coordinate System: British National Grid
Projection: Transverse Mercator

Service Layer Credits: Contains OS data © Crown Copyright and database right 2020; Historic Environment Scotland and Ordnance Survey data ©



1:8,700

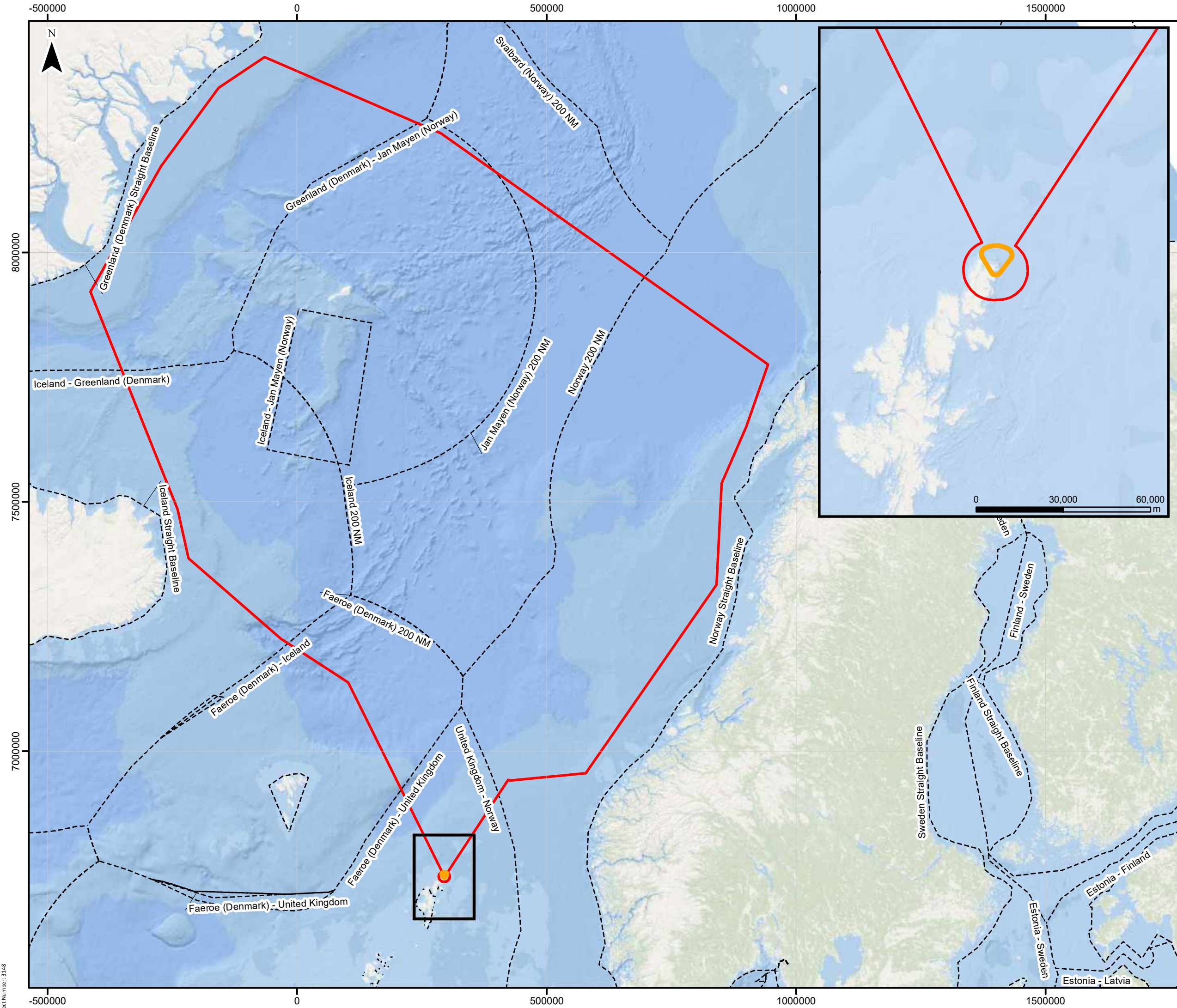


RFA SaxaVord
Assessment of Environmental Effects

Drawing 3.2 **Proposed Launch Site Layout**

Date: 16/01/2023	Lead: AM	Review: RF	Version: V1
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Chapter 3 Drawing 3.3 North Atlantic Environmental Zone of Influence



Legend

- Launch Exclusion Zone
- North Atlantic Environmental Zone of Influence (EZI)
- EEZ boundaries

0 170,000 340,000 m

Scale 1:7,000,000 @ A3



Rocket Factory Augsburg
Assessment of Environmental Effects

Drawing 3.3

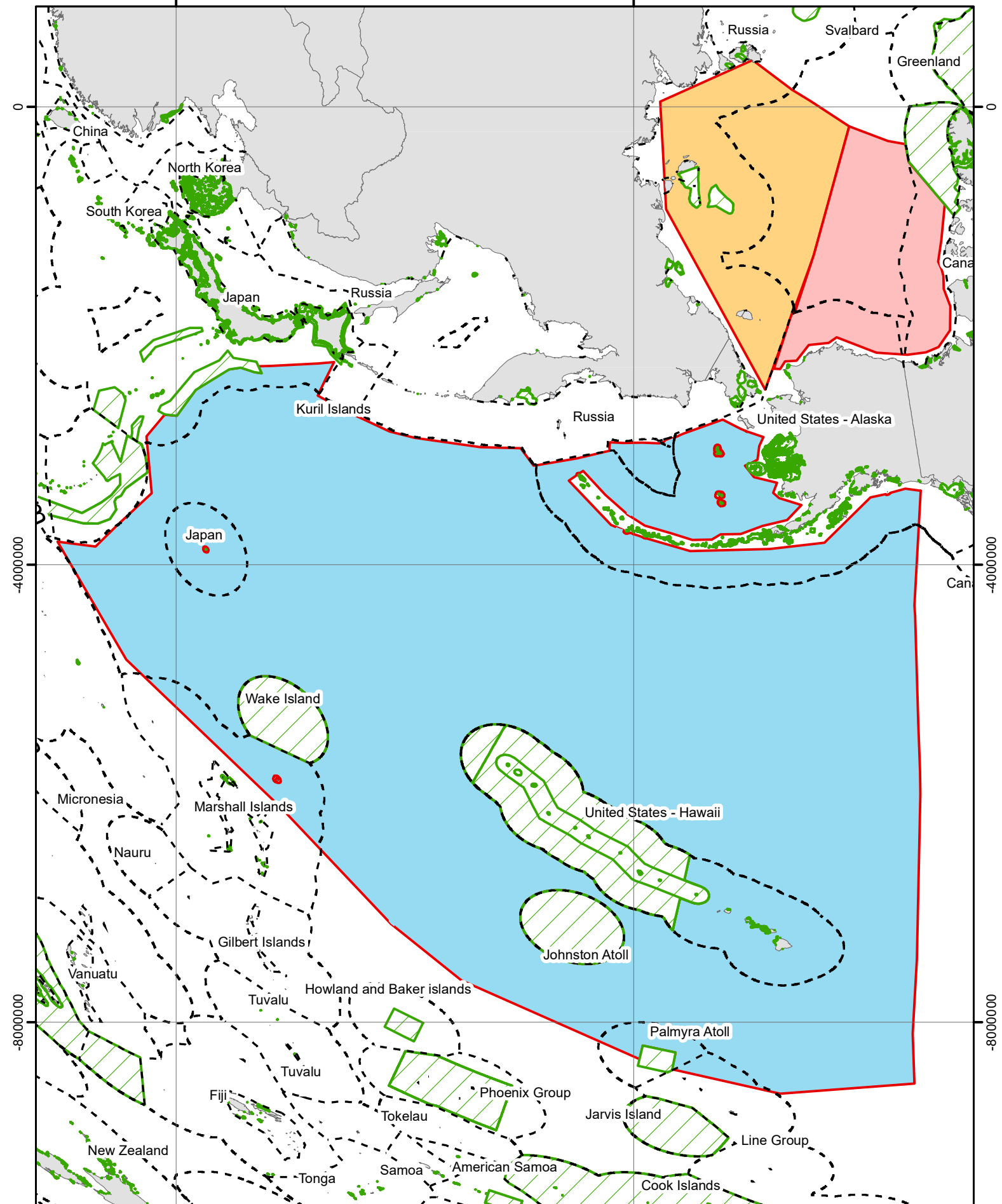
**North Atlantic Environmental
Zone of Influence**

Date: 19/09/2023	Drawn by: AN	Checked by: IW	Version: Draft/V1
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Chapter 3 Drawing 3.4 Pacific Environmental Zone of Influence

-6000000

-2000000



Legend

- MPA
- Pacific EZI Section a
- Pacific EZI Section b
- Pacific EZI Section c
- EEZ

Rocket Factory Augsburg
Assessment of Environmental Effects
Drawing 3.4
**Pacific Environmental Zone
of Influence**

0 580 1,160 km

Scale : 1:42,000,000 @ A3
Date: 20/09/2023
Drawn by: AN
Checked by: IW
Version: Draft/V1



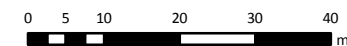
Chapter 3 Drawing 3.5 Launch Pad 1 Layout



Drawing was provided to ITP Energised by AECOM

Coordinate System: British National Grid
Projection: Transverse Mercator

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database right 2020; Historic Environment Scotland and Ordnance
Survey data ©



1:1,000



RFA SaxaVord
Assessment of Environmental Effects

Drawing 3.5
Launch Pad 1 Layout

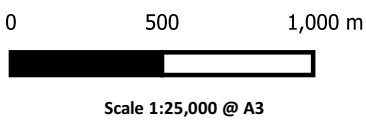
Date: 16/01/2023	Lead: AM	Review: RF	Version: V1
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Chapter 4 -

Chapter 5 SaxaVord Spaceport Drawing 5.1 Breeding Birds Study Area



- KEY**
- Proposed Project Site Boundary
 - Launch pad
 - 0.5km buffer launch pads
 - 1km buffer launch pads
 - 2km buffer launch pads
 - 3km buffer launch pads
 - 4km buffer launch pads

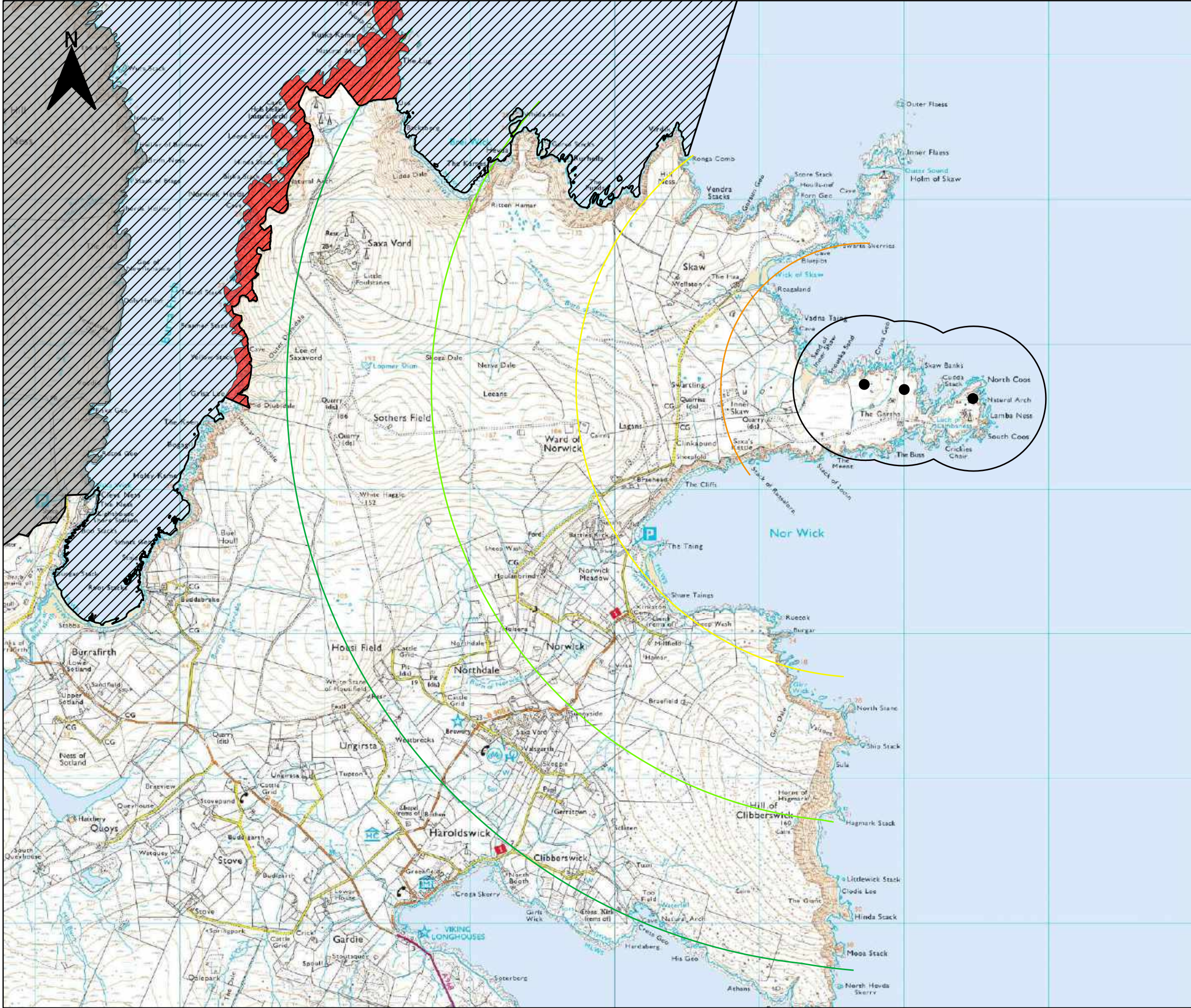


Saxa Vord Spaceport
Assessment of Environmental Effects

Drawing 5.1
Breeding birds Study Area

Date: 16/11/2021	Drawn by: K.M.	Checked by: P.C.	Version: Rev. 6
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Chapter 5 SaxaVord Spaceport Drawing 5.2 Designated Sites



- KEY**
- Hermaness, Saxa Vord and Valla Field SPA
 - Hermaness SSSI
 - Saxa Vord SSSI
 - Proposed Project Site Boundary
 - Launch pad
 - 0.5km buffer launch pads
 - 1km buffer launch pads
 - 2km buffer launch pads
 - 3km buffer launch pads
 - 4km buffer launch pads

0 500 1,000 m

Scale 1:25,000 @ A3

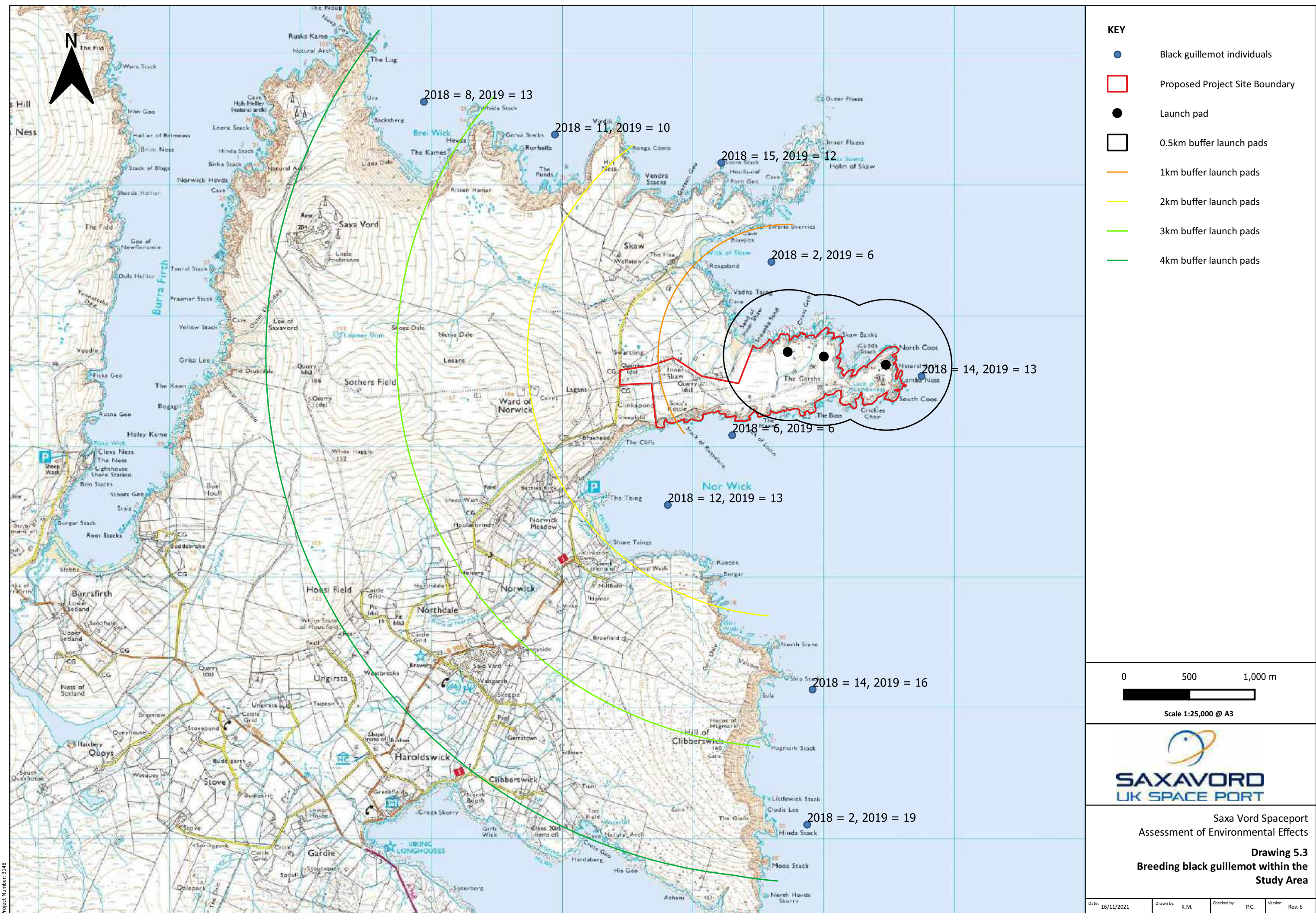


Saxa Vord Spaceport
Assessment of Environmental Effects

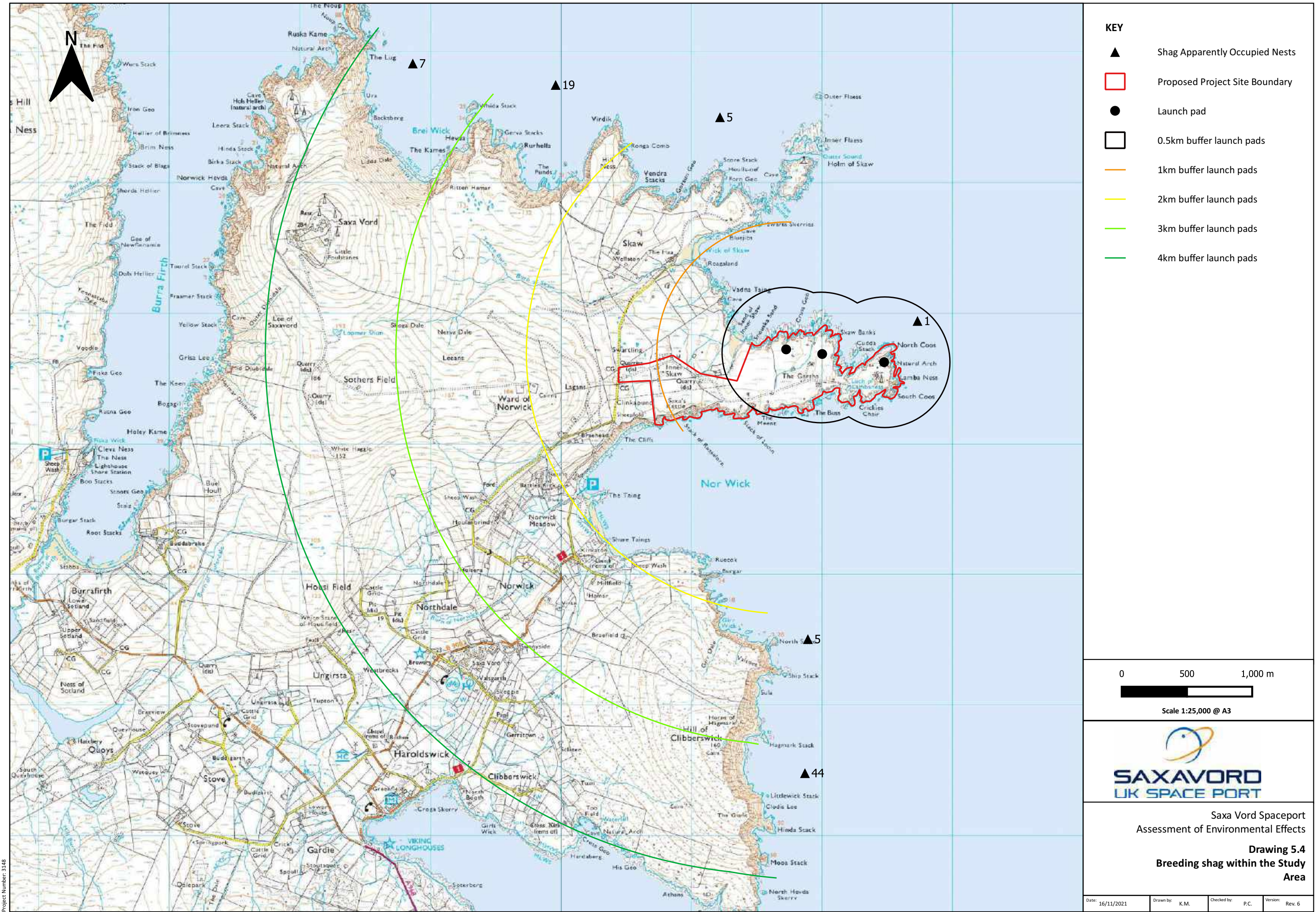
Drawing 5.2
Designated sites within
ornithological Study Area

Date: 16/11/2021	Drawn by: K.M.	Checked by: P.C.	Version: Rev. 6
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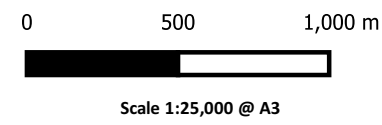
Chapter 5 SaxaVord Spaceport Drawing 5.3 Breeding Black Guillemot within EZI



Chapter 5 SaxaVord Spaceport Drawing 5.4 Breeding Shag within EZI



- KEY**
- ▲ Shag Apparently Occupied Nests
 - Proposed Project Site Boundary
 - Launch pad
 - 0.5km buffer launch pads
 - 1km buffer launch pads
 - 2km buffer launch pads
 - 3km buffer launch pads
 - 4km buffer launch pads

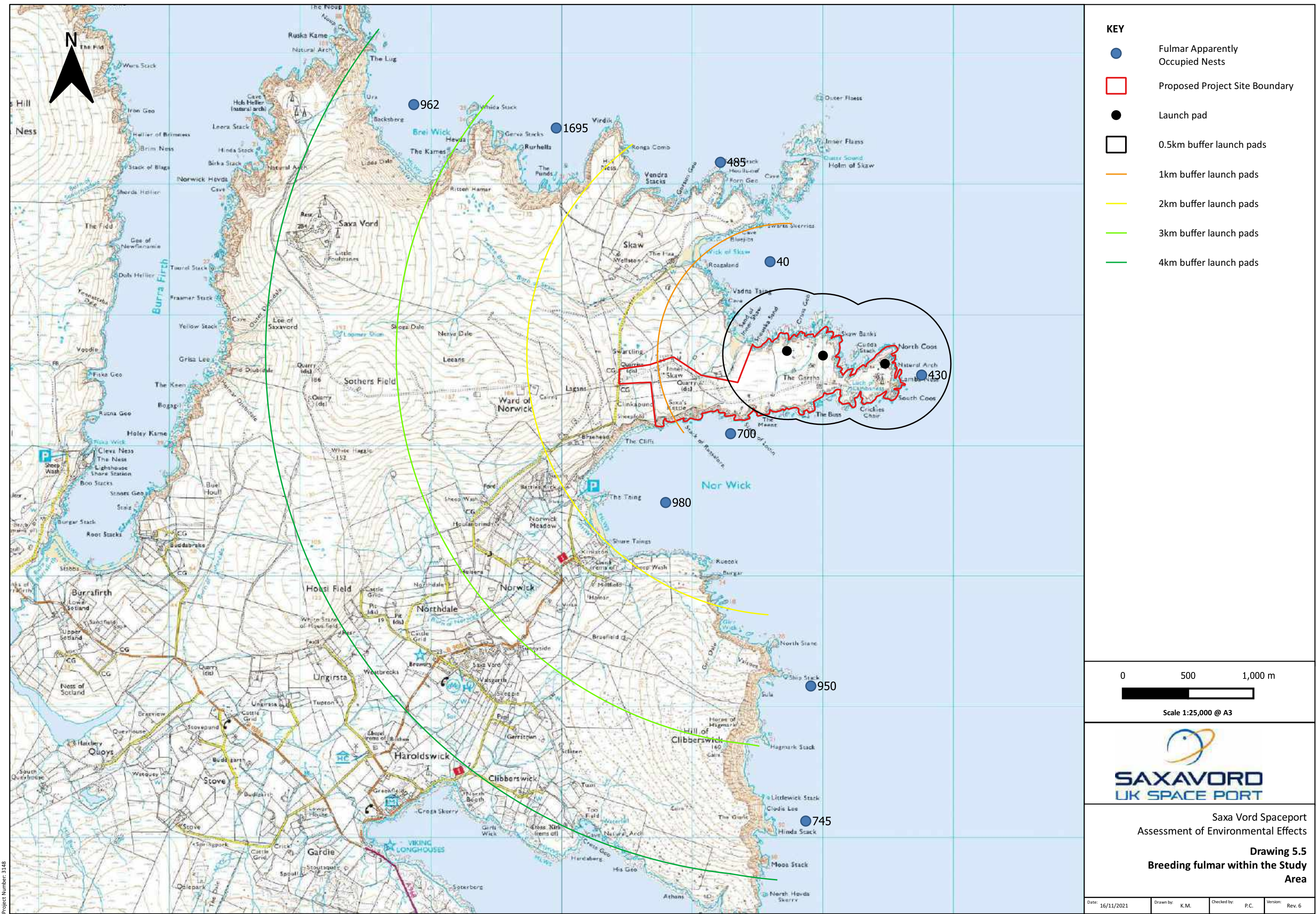


Saxa Vord Spaceport
Assessment of Environmental Effects

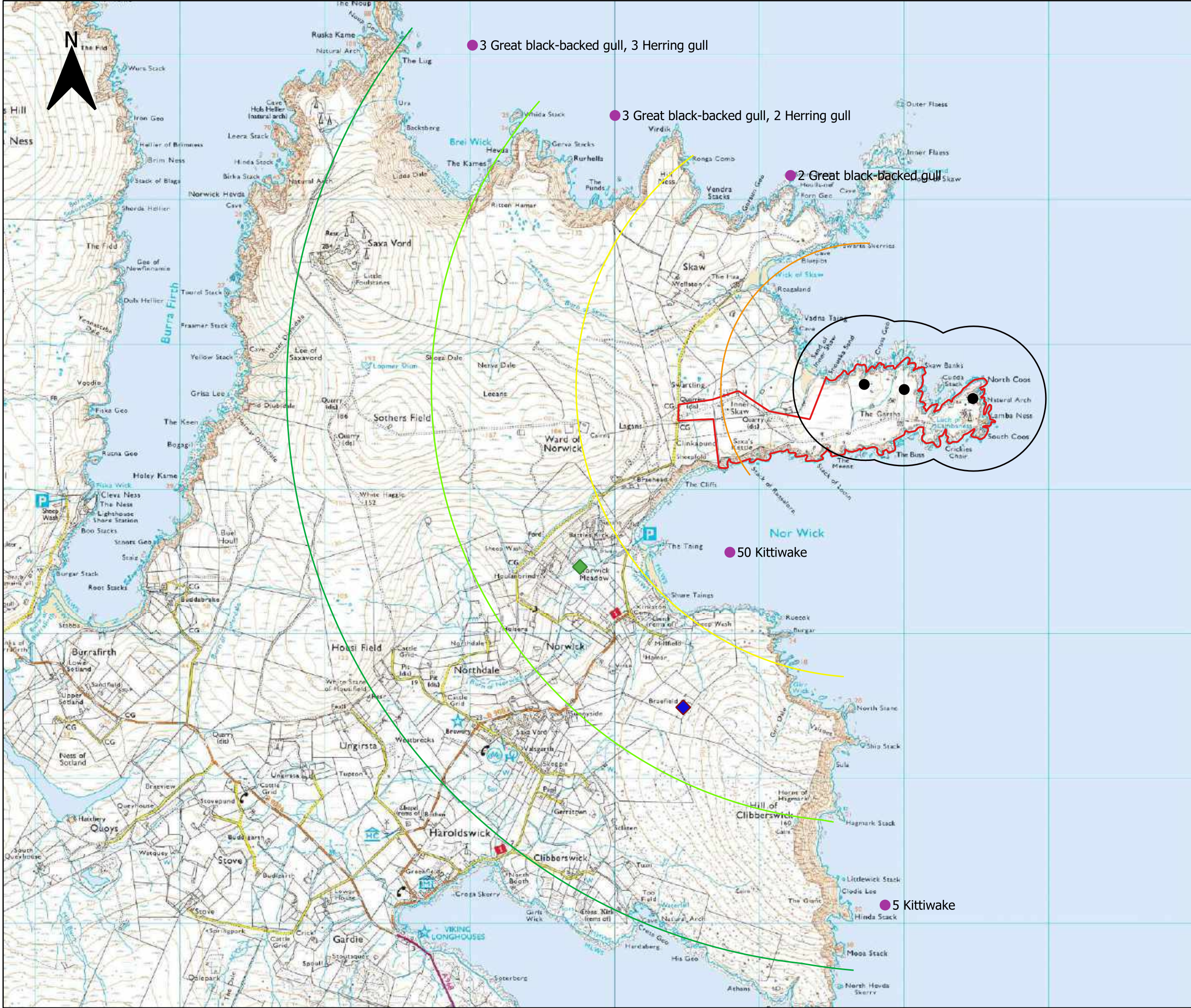
Drawing 5.4
Breeding shag within the Study Area

Date: 16/11/2021	Drawn by: K.M.	Checked by: P.C.	Version: Rev. 6
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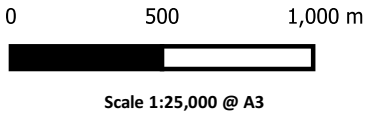
Chapter 5 SaxaVord Spaceport Drawing 5.5 Breeding Fulmar within EZI



Chapter 5 SaxaVord Spaceport Drawing 5.6 Breeding Gulls within EZI



- KEY**
- Nesting gulls (boat surveys)
 - ◆ Mixed inland gull colony
 - Lesser black-backed gull
2018 - 12 pairs
2019 - 10 pairs
 - Herring gull
2018 - 10 pairs
2019 - 16 pairs
 - Common gull
2018 - 22 pairs
2019 - 30 pairs
 - ◆ Black-headed gull colony
2018 - 11 pairs
2019 - 13 pairs
 - Proposed Project Site Boundary
 - Launch pad
 - 0.5km buffer launch pads
 - 1km buffer launch pads
 - 2km buffer launch pads
 - 3km buffer launch pads
 - 4km buffer launch pads



Saxa Vord Spaceport
Assessment of Environmental Effects

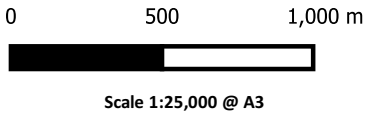
Drawing 5.6
Breeding gulls within the Study Area

Date: 16/11/2021	Drawn by: K.M.	Checked by: P.C.	Version: Rev. 6
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Chapter 5 SaxaVord Spaceport Drawing 5.7 Breeding Common Guillemot within EZI



- KEY**
- Common guillemot individuals
 - Proposed Project Site Boundary
 - Launch pad
 - 0.5km buffer launch pads
 - 1km buffer launch pads
 - 2km buffer launch pads
 - 3km buffer launch pads
 - 4km buffer launch pads



Saxa Vord Spaceport
Assessment of Environmental Effects

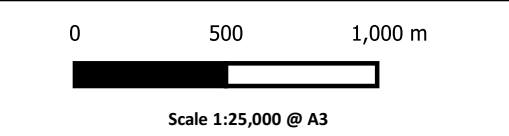
Drawing 5.7
**Breeding common guillemot within
the Study Area**

Date: 16/11/2021	Drawn by: K.M.	Checked by: P.C.	Version: Rev. 6
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Chapter 5 SaxaVord Spaceport Drawing 5.8 Breeding Razorbill within EZI



- KEY**
- Razorbill individuals
 - Proposed Project Site Boundary
 - Launch pad
 - 0.5km buffer launch pads
 - 1km buffer launch pads
 - 2km buffer launch pads
 - 3km buffer launch pads
 - 4km buffer launch pads

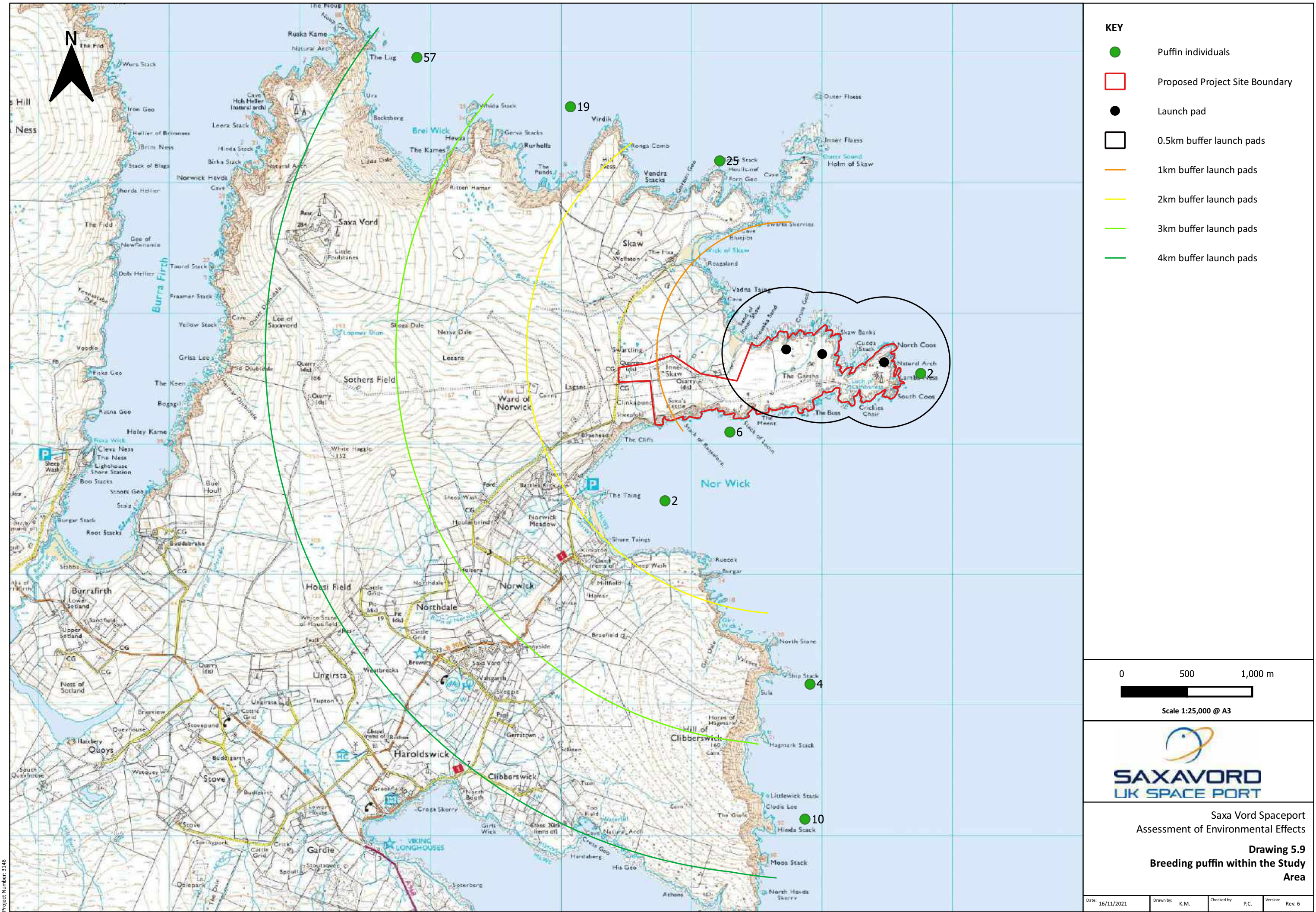


Saxa Vord Spaceport
Assessment of Environmental Effects

Drawing 5.8
Breeding razorbill within the Study Area

Date: 16/11/2021	Drawn by: K.M.	Checked by: P.C.	Version: Rev. 6
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Chapter 5 SaxaVord Spaceport Drawing 5.9 Breeding Puffins within EZI



- KEY**
- Puffin individuals
 - Proposed Project Site Boundary
 - Launch pad
 - 0.5km buffer launch pads
 - 1km buffer launch pads
 - 2km buffer launch pads
 - 3km buffer launch pads
 - 4km buffer launch pads

0 500 1,000 m

Scale 1:25,000 @ A3



Saxa Vord Spaceport
Assessment of Environmental Effects

Drawing 5.9
Breeding puffin within the Study Area

Date: 16/11/2021	Drawn by: K.M.	Checked by: P.C.	Version: Rev. 6
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Chapter 5 SaxaVord Spaceport Drawing 5.10 Breeding Ringed Plover within EZI



- KEY**
- Ringed plover territory centre
 - 2018
 - 2019
 - Proposed Project Site Boundary
 - Launch pad
 - 0.5km buffer launch pads
 - 1km buffer launch pads
 - 2km buffer launch pads
 - 3km buffer launch pads
 - 4km buffer launch pads

0 500 1,000 m

Scale 1:25,000 @ A3

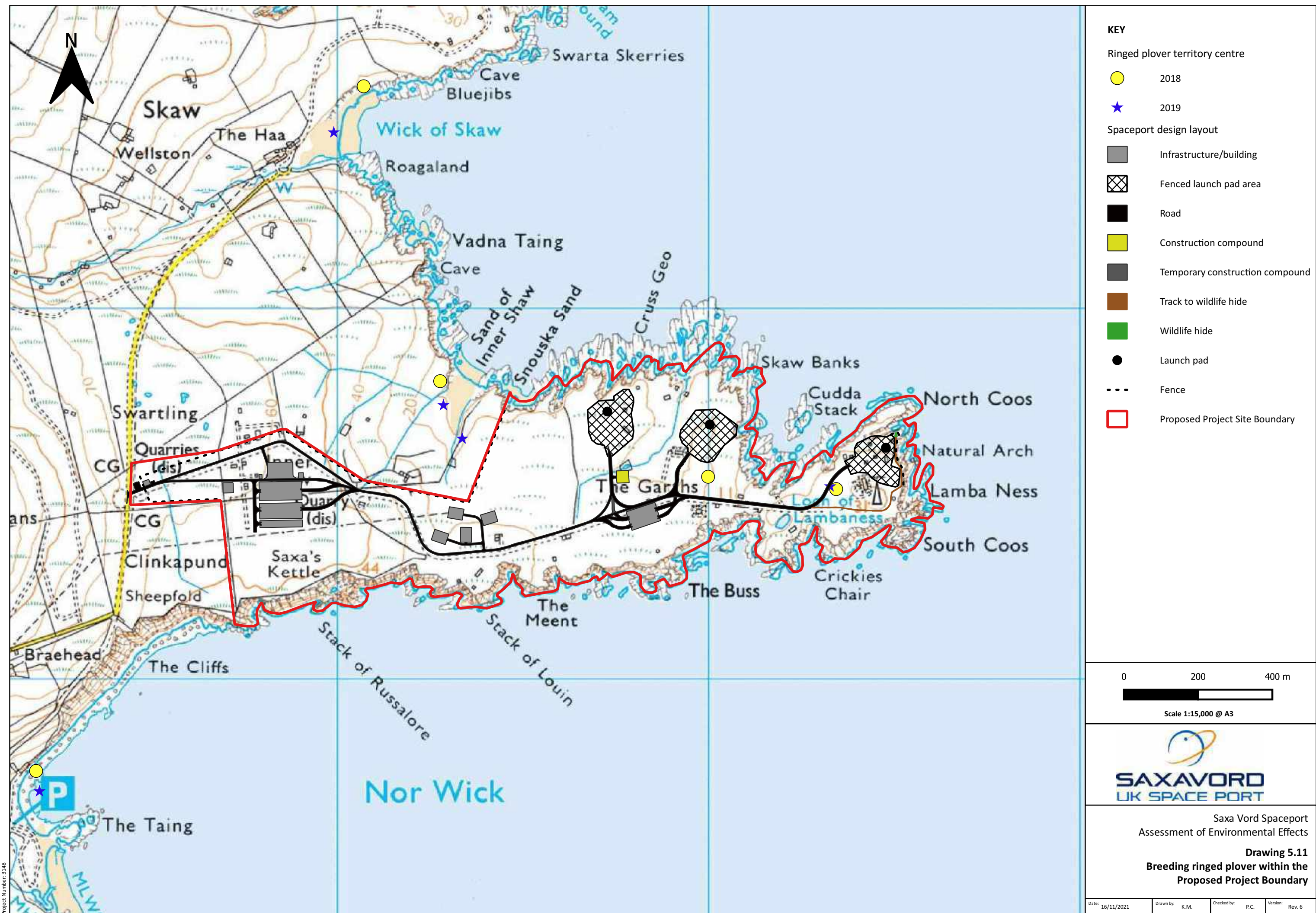


Saxa Vord Spaceport
Assessment of Environmental Effects

Drawing 5.10
Breeding ringed plover within the
Study Area

Date: 16/11/2021 Drawn by: K.M. Checked by: P.C. Version: Rev. 6

Chapter 5 SaxaVord Spaceport Drawing 5.11 Breeding Ringed Plover within the Proposed Project Boundary



Chapter 5 SaxaVord Spaceport Drawing 5.12 Breeding Golden Plover within EZI



KEY

Golden plover territory centre

- 2018
- 2019

Proposed Project Site Boundary

Launch pad

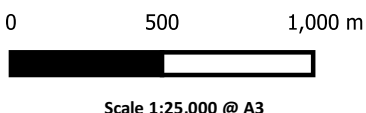
0.5km buffer launch pads

1km buffer launch pads

2km buffer launch pads

3km buffer launch pads

4km buffer launch pads



Scale 1:25,000 @ A3



Saxa Vord Spaceport
Assessment of Environmental Effectst

Drawing 5.12
Breeding golden plover within the
Study Area

Date: 16/11/2021	Drawn by: K.M.	Checked by: P.C.	Version: Rev. 6
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Chapter 5 SaxaVord Spaceport Drawing 5.13 Breeding Golden Plover within Proposed Project Boundary



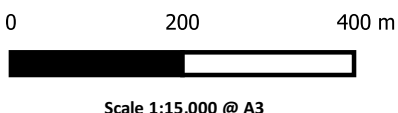
KEY

Golden plover territory centre

- 2018
- 2019

Spaceport design layout

- Infrastructure/building
- Fenced launch pad area
- Road
- Construction compound
- Temporary construction compound
- Track to wildlife hide
- Wildlife hide
- Launch pad
- Fence
- Proposed Project Site Boundary

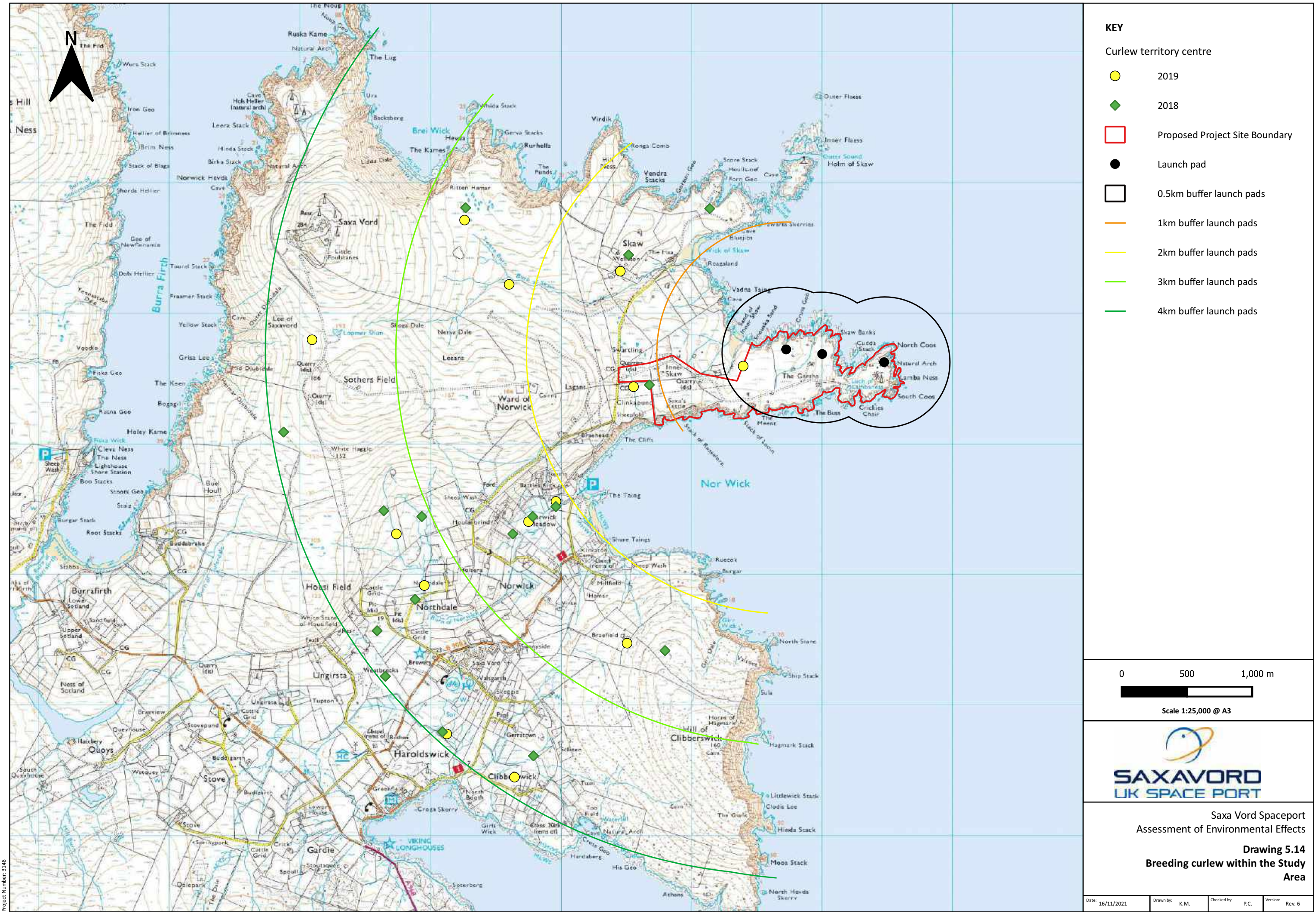


Saxa Vord Spaceport
Assessment of Environmental Effects

Drawing 5.13
Breeding golden plover within the
Proposed Project Boundary

Date: 16/11/2021	Drawn by: K.M.	Checked by: P.C.	Version: Rev. 6
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Chapter 5 SaxaVord Spaceport Drawing 5.14 Breeding Curlew within EZI



KEY

Curlew territory centre

- 2019
- 2018

Proposed Project Site Boundary

Launch pad

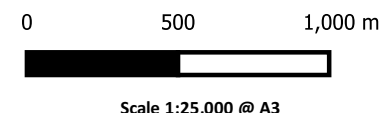
0.5km buffer launch pads

1km buffer launch pads

2km buffer launch pads

3km buffer launch pads

4km buffer launch pads

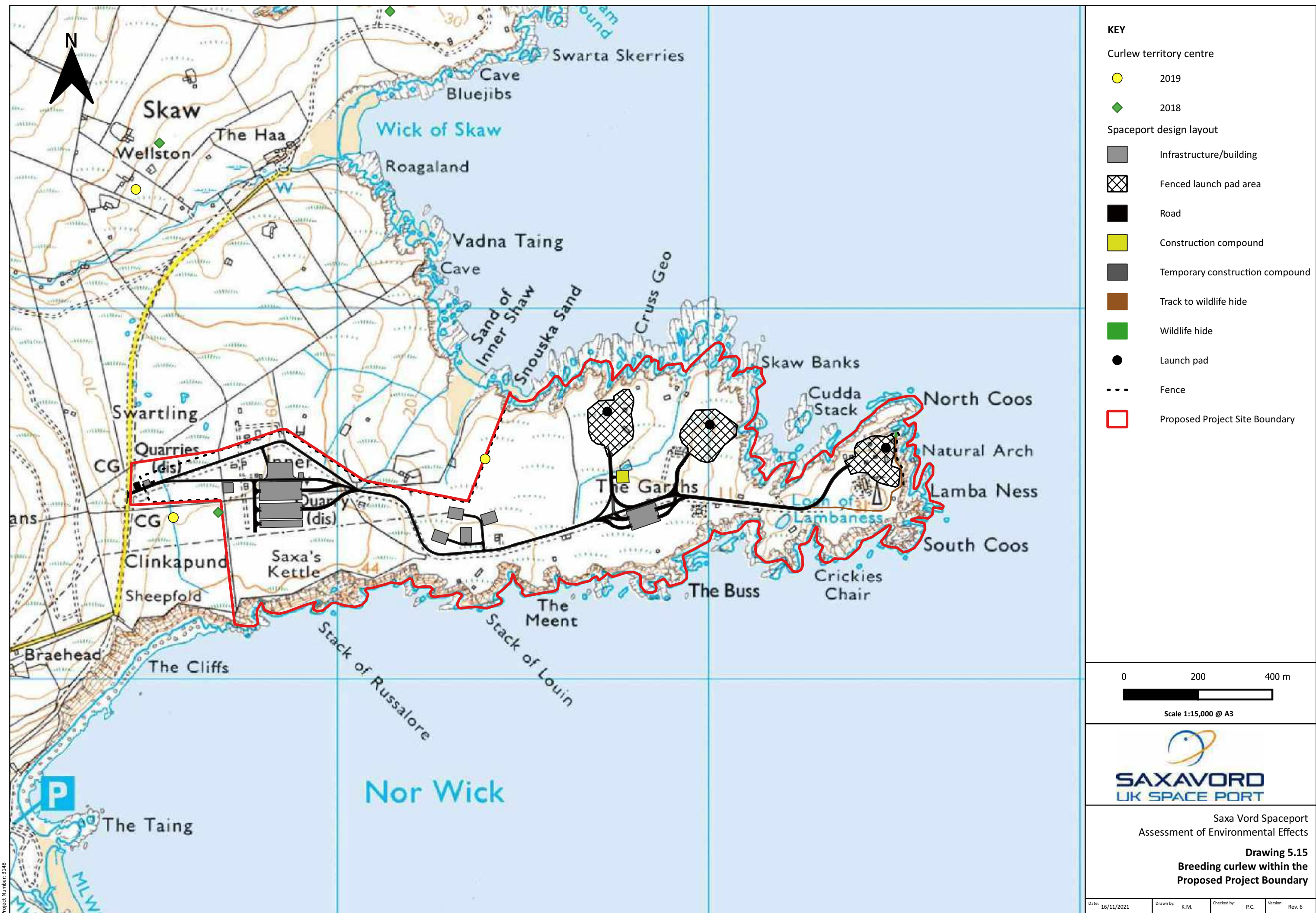


Saxa Vord Spaceport
Assessment of Environmental Effects

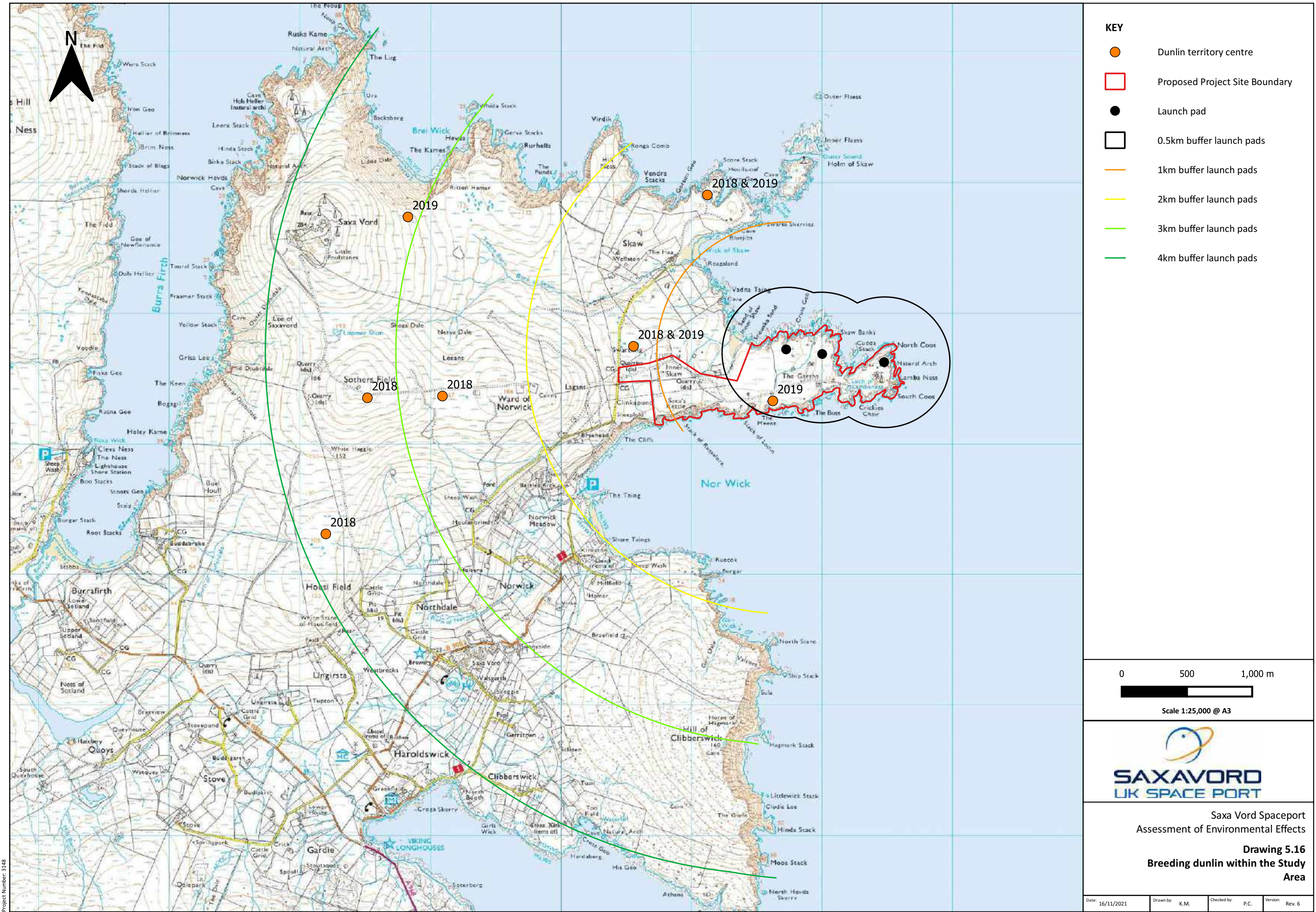
Drawing 5.14
Breeding curlew within the Study Area

Date: 16/11/2021	Drawn by: K.M.	Checked by: P.C.	Version: Rev. 6
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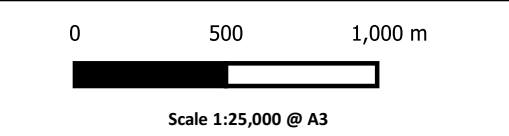
Chapter 5 SaxaVord Spaceport Drawing 5.15 Breeding Curlew within Proposed Project Boundary



Chapter 5 SaxaVord Spaceport Drawing 5.16 Breeding Dunlin within EZI



- KEY**
- Dunlin territory centre
 - Proposed Project Site Boundary
 - Launch pad
 - 0.5km buffer launch pads
 - 1km buffer launch pads
 - 2km buffer launch pads
 - 3km buffer launch pads
 - 4km buffer launch pads

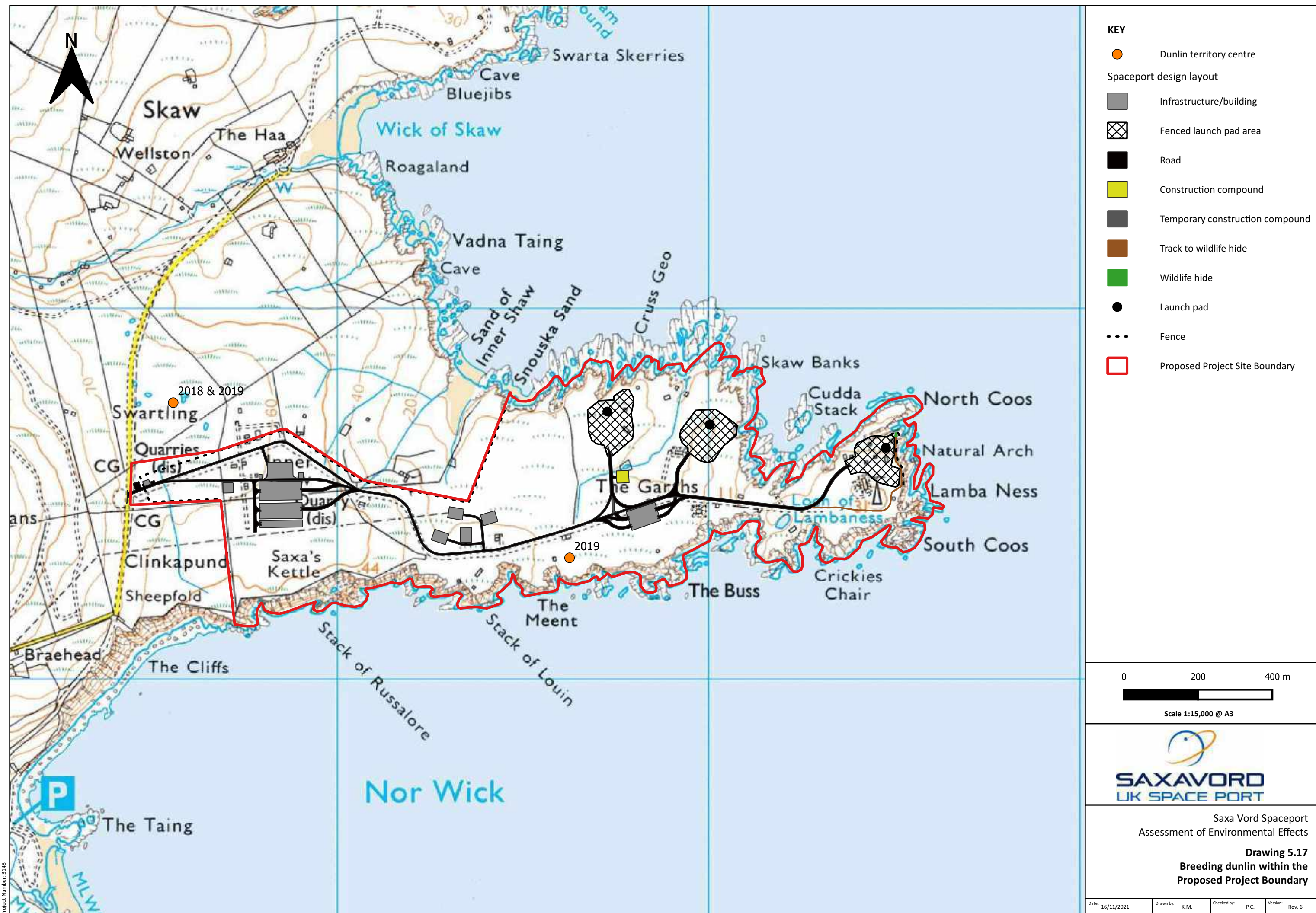


Saxa Vord Spaceport
Assessment of Environmental Effects

Drawing 5.16
Breeding dunlin within the Study Area

Date: 16/11/2021	Drawn by: K.M.	Checked by: P.C.	Version: Rev. 6
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Chapter 5 SaxaVord Spaceport Drawing 5.17 Breeding Dunlin within Proposed Project Boundary



Chapter 5 SaxaVord Spaceport Drawing 5.18 Breeding Arctic Tern within EZI



Chapter 5 SaxaVord Spaceport Drawing 5.19 Breeding Arctic Skua within EZI



- KEY**
- Arctic skua territory centre
- 1 pair 2018 and 19 2 pair 2020
 - 2018
 - 2018 & 2019
 - 2019
 - 2020
 - Proposed Project Site Boundary
 - Launch pad
 - 0.5km buffer launch pads
 - 1km buffer launch pads
 - 2km buffer launch pads
 - 3km buffer launch pads
 - 4km buffer launch pads

0 500 1,000 m

Scale 1:25,000 @ A3

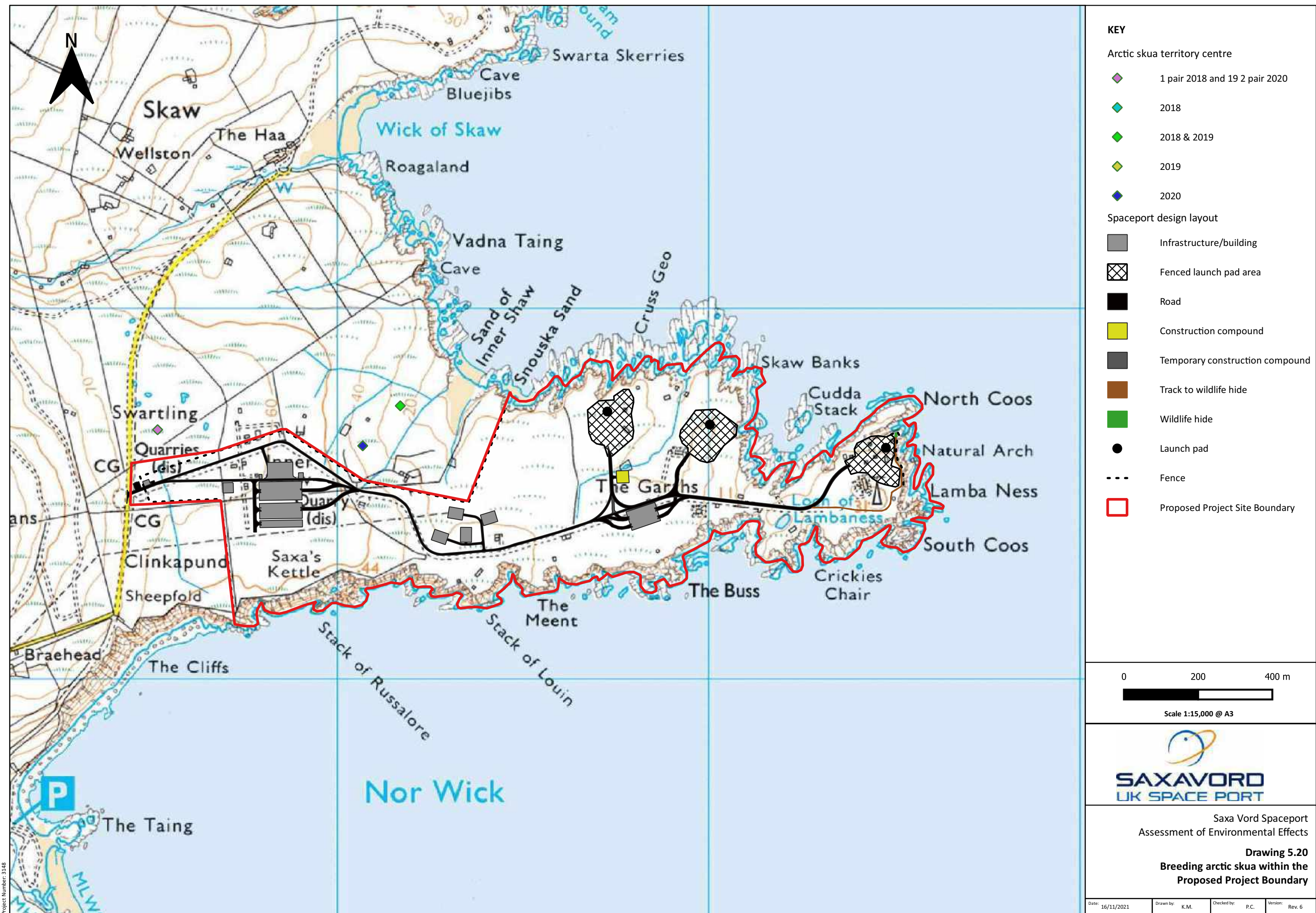


Saxa Vord Spaceport
Assessment of Environmental Effects

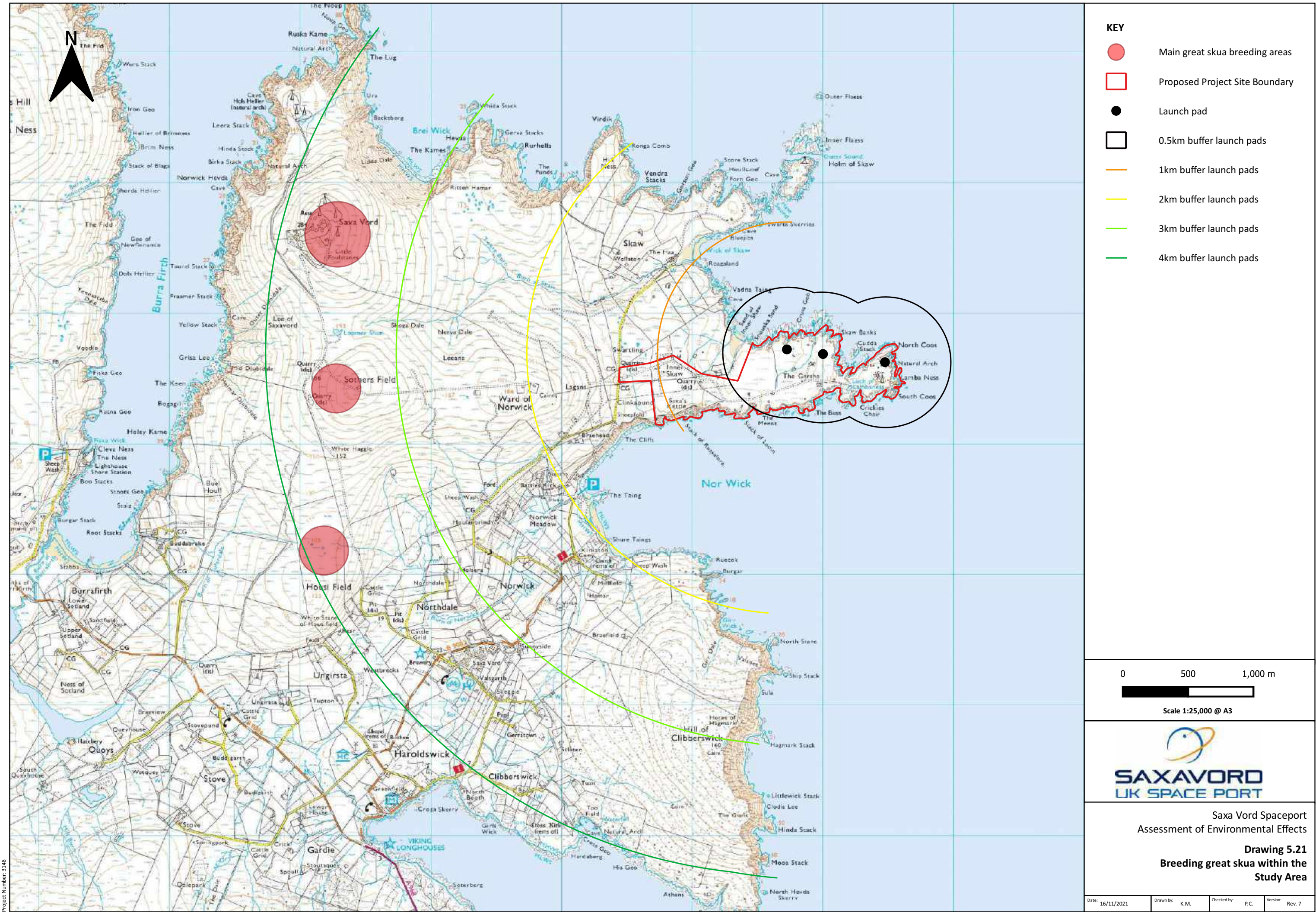
Drawing 5.19
Breeding arctic skua within the
Study Area

Date: 16/11/2021	Drawn by: K.M.	Checked by: P.C.	Version: Rev. 6
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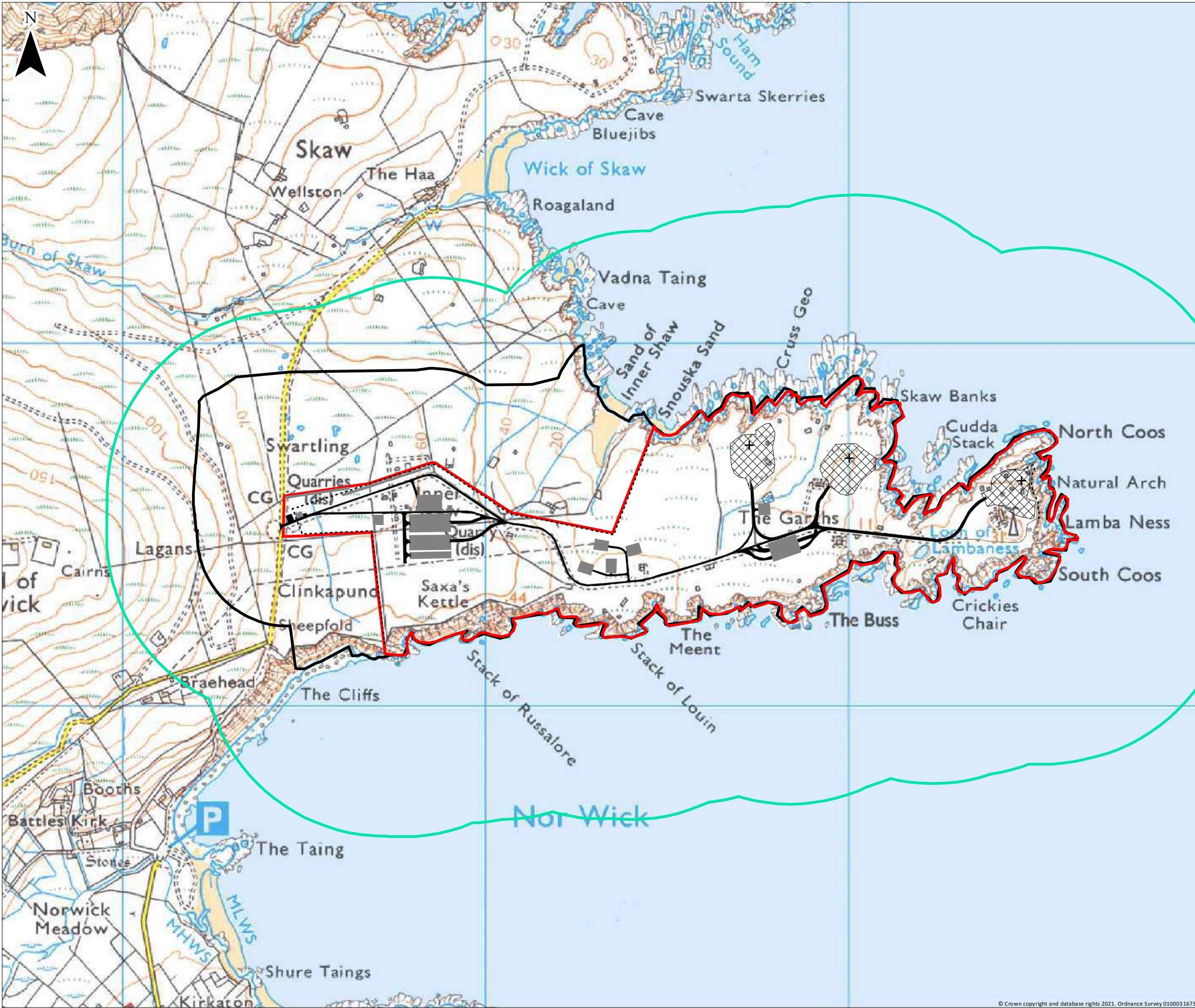
Chapter 5 SaxaVord Spaceport Drawing 5.20 Breeding Arctic Skua within Proposed Project Boundary



Chapter 5 SaxaVord Spaceport Drawing 5.21 Breeding Great Skua within EZI



Chapter 6 SaxaVord Spaceport Drawing 6.1 Ecology Study Area



KEY

- + Launch Pad
- Fence
- ▨ Fenced Launch Pad Area
- Building/Infrastructure
- Road
- ▭ Proposed Project Site Boundary
- ▭ Habitat Study Area, 250m buffer
- ▭ Study Area, 500m buffer

0 250 500
m

Scale 1:10,000 @ A3



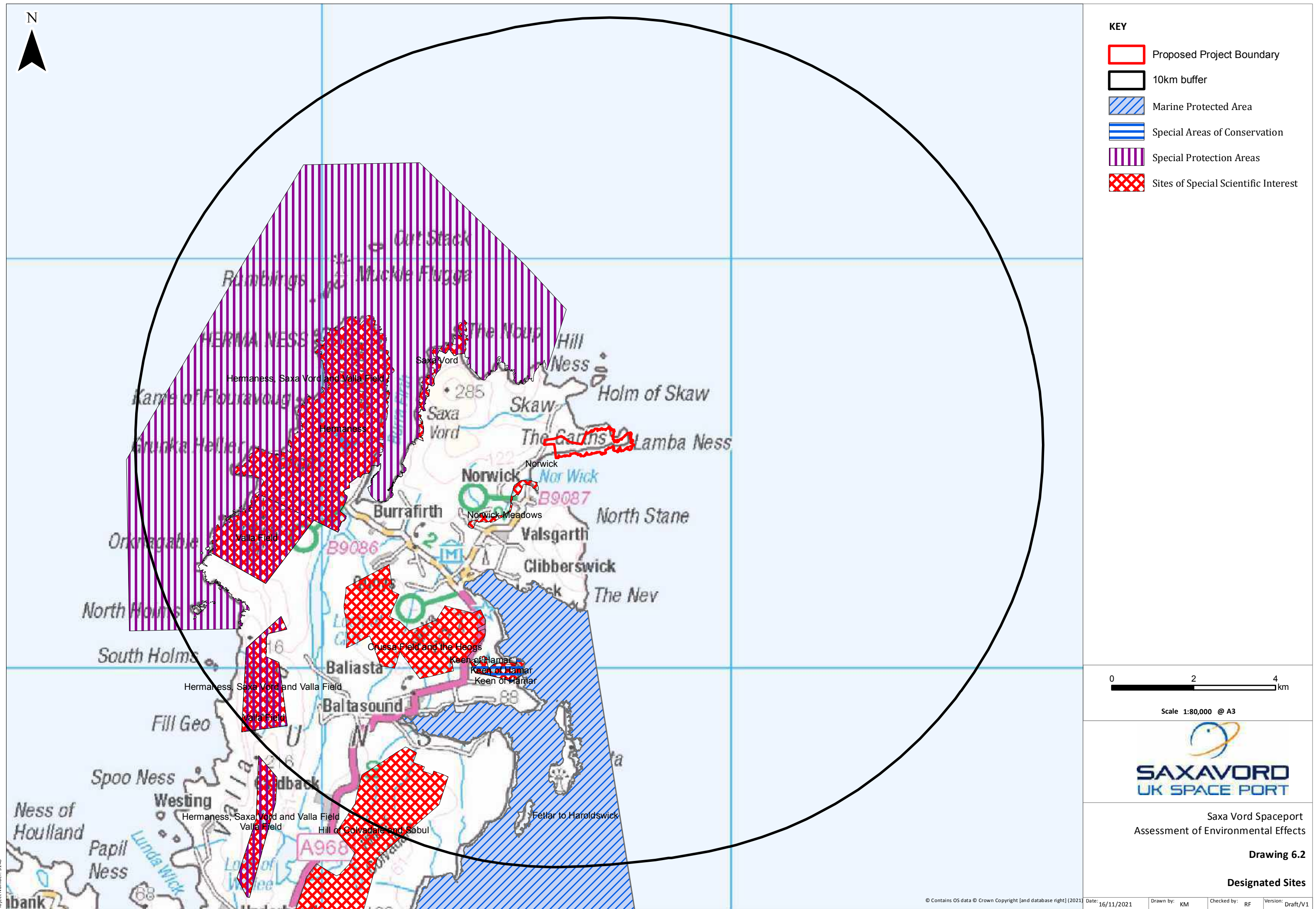
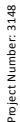
Saxa Vord Spaceport
Assessment of Environmental Effects

Drawing 6.1

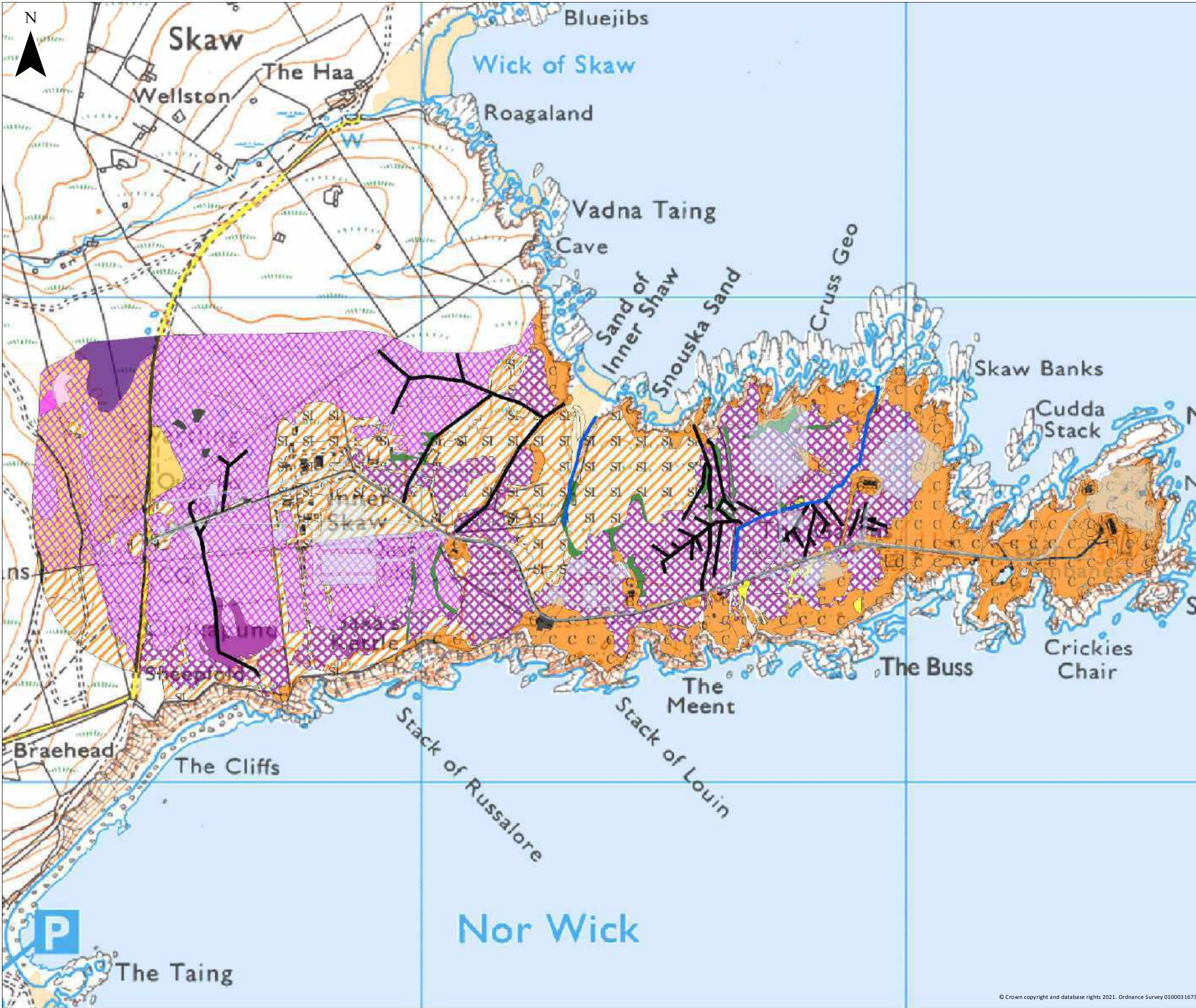
Study Area

Date: 16/11/2021 Drawn by: KM Checked by: RF Version: Draft/V1

Chapter 6 SaxaVord Spaceport Drawing 6.2 Designated Sites



Chapter 6 SaxaVord Spaceport Drawing 6.3 Phase 1 Habitat Study Area



- Infrastructure
- Drain
- Watercourse
- Unimproved acid grassland
- Semi-improved acid grassland
- Neutral grassland
- Blanket bog
- Wet modified bog
- Wet modified bog/wet heath
- Blanket bog/bare peat
- Wet modified bog/wet heath/bare peat
- Wet modified bog/wet heath/acid flush
- Dry dwarf shrub heath
- Fen
- Acid flush
- Wet modified bog/wet heath/dry heath
- Bare peat
- Marginal vegetation
- Standing water
- Saltmarsh
- Sand dunes
- Coastal grassland
- Buildings and roads
- Bare ground

0 200 400
m

Scale 1:7,500 @ A3

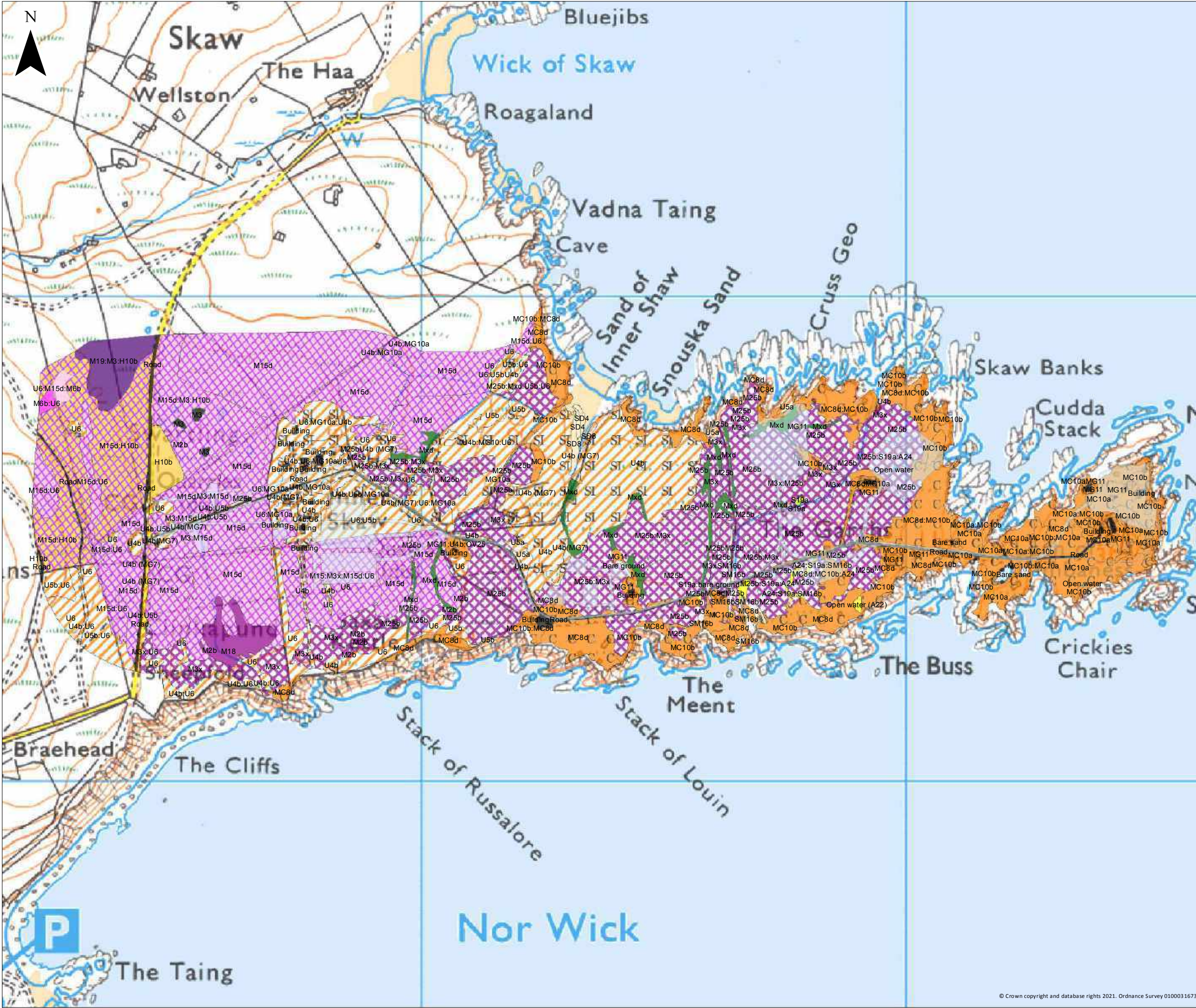


Saxa Vord Spaceport
Assessment of Environmental Effects

Drawing 6.3

Phase 1 Habitats

Chapter 6 SaxaVord Spaceport Drawing 6.4 NVC Habitat Study Area



KEY

- Infrastructure
- Unimproved acid grassland, U5, U6
- Semi-improved acid grassland, U4
- Neutral grassland, MG10
- Blanket bog, M2b, M18
- Wet modified bog, M25, M3x
- Wet modified bog/wet heath, M15
- Blanket bog/bare peat, M19/M3
- Wet modified bog/wet heath/bare peat, M15d/M3
- Wet modified bog/wet heath/acid flush, M15d/M6
- Dry dwarf shrub heath, H10
- Fen, Mxd
- Acid flush, M6
- Wet modified bog/wet heath/dry heath, M15d/H10b
- Bare peat, M3
- Marginal vegetaion, S19, A24, A22
- Standing water
- Saltmarsh, SM16
- Sand dunes, SD4, SD8
- Coastal grassland, MC8, MC10, MG11
- Buildings and roads
- Bare ground

0 200 400 m

Scale 1:7,500 @ A3



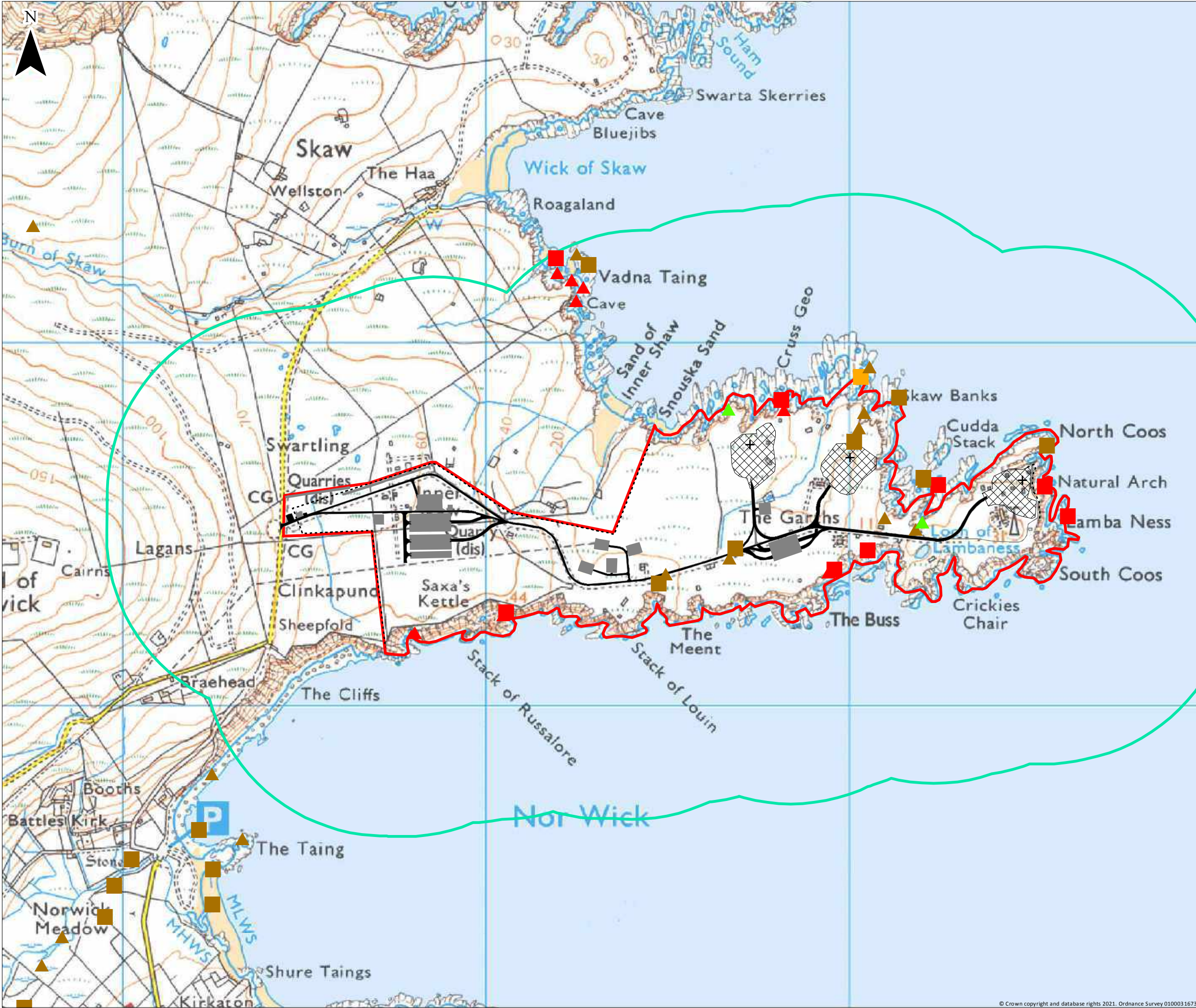
Saxa Vord Spaceport
Assessment of Environmental Effects

Drawing 6.4

NVC

Chapter 6 SaxaVord Spaceport Drawing 6.5 Potential Ground Water Dependant Terrestrial Ecosystems

Chapter 6 SaxaVord Spaceport Drawing 6.6 ^{<Redacted>} Signs 2018



KEY

▲

<Redacted> spring 2018

▲

<Redacted> spring 2018

▲

<Redacted> , spring 2018

■

<Redacted> autumn 2018

■

<Redacted> autumn 2018

■

<Redacted> , autumn 2018

+

Launch Pad

Fence

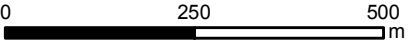
Fenced Launch Pad Area

Building/Infrastructure

Road

Proposed Project Site Boundary

<Redacted> Study Area, 500m buffer



Scale 1:10,000 @ A3



Saxa Vord Spaceport
Assessment of Environmental Effects

Drawing 6.6

<Redacted>

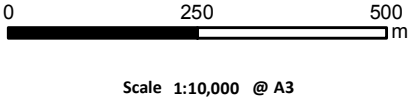
Date: 16/11/2021	Drawn by: KM	Checked by: RF	Version: Draft/V1
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Chapter 6 SaxaVord Spaceport Drawing 6.7^{<Redacted>} Signs 2020



KEY

- <Redact>
- <Redacted>
- <Redacted>
- <Redact>
- + Launch Pad
- Fence
- Fenced Launch Pad Area
- Building/Infrastructure
- Road
- Proposed Project Site Boundary

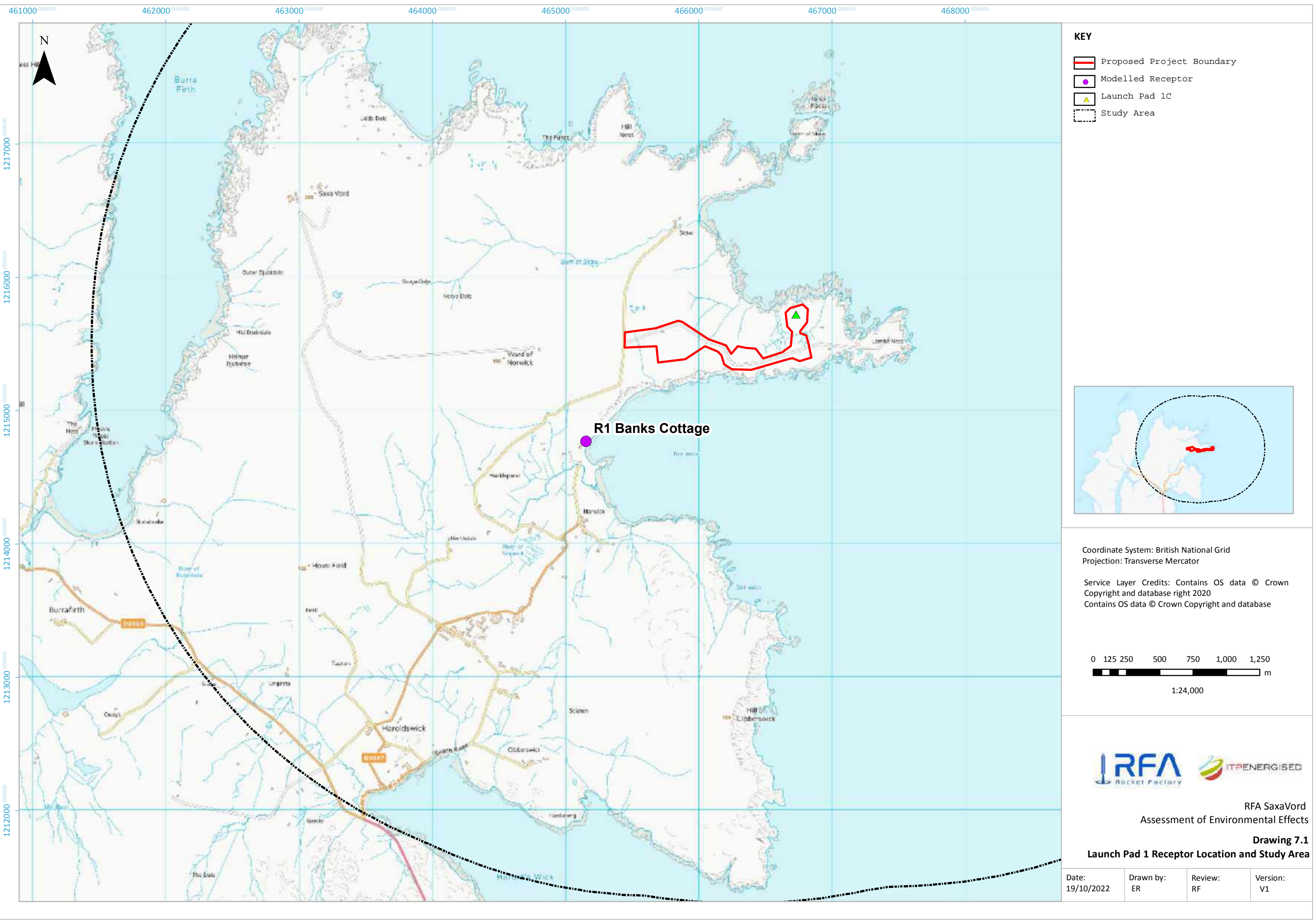


Saxa Vord Spaceport
Assessment of Environmental Effects

Drawing 6.7

<Redacted>

Chapter 7 Drawing 7.1 Launch Pad 1 Receptor Location and Study Area

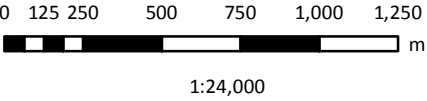


- KEY**
- Proposed Project Boundary
 - Modelled Receptor
 - Launch Pad 1C
 - Study Area



Coordinate System: British National Grid
Projection: Transverse Mercator

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RFA SaxaVord
Assessment of Environmental Effects

Drawing 7.1
Launch Pad 1 Receptor Location and Study Area

Date: 19/10/2022	Drawn by: ER	Review: RF	Version: V1
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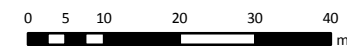
Chapter 7 Drawing 7.2 Launch Pad 1 Proposed Layout



Drawing was provided to ITP Energised by AECOM

Coordinate System: British National Grid
Projection: Transverse Mercator

Service Layer Credits: Contains OS data © Crown Copyright and
database right 2020; Historic Environment Scotland and Ordnance
Survey data ©



1:1,000

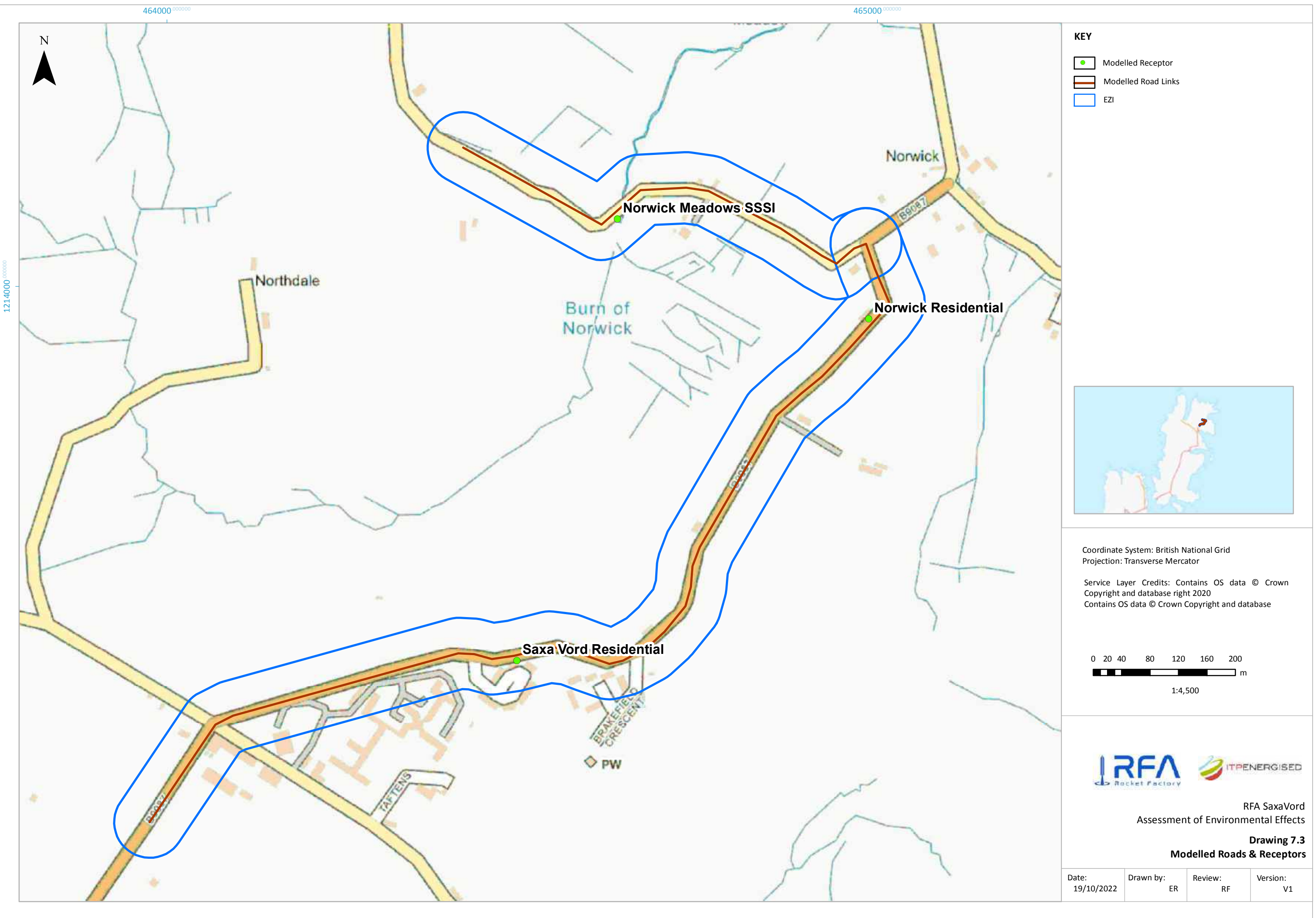


RFA SaxaVord
Assessment of Environmental Effects

Drawing 7.2
Launch Pad 1 Layout

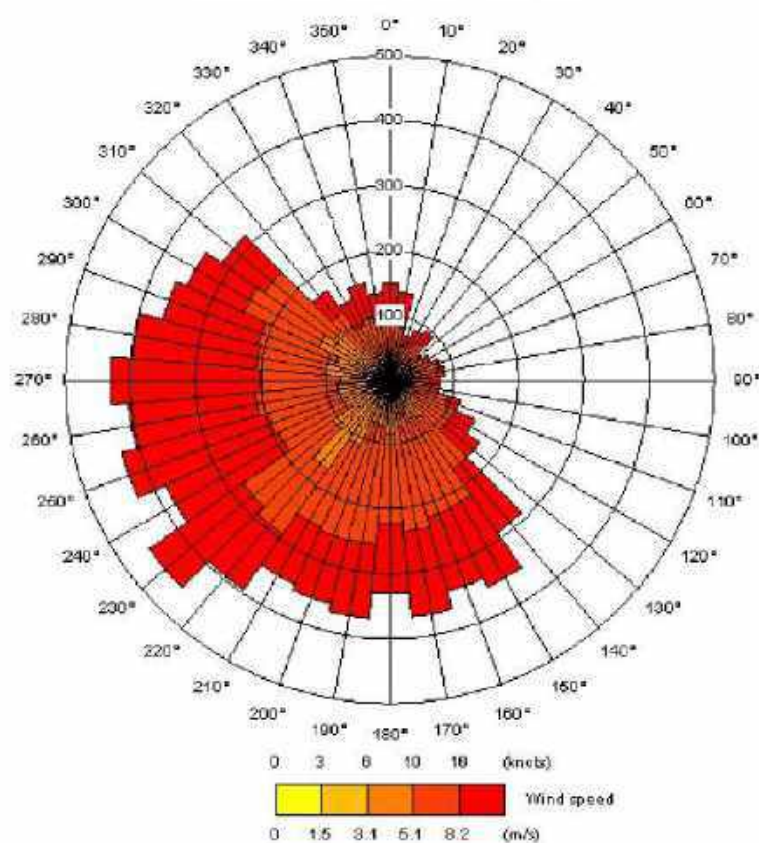
Date: 16/01/2023	Lead: AM	Review: RF	Version: V1
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Chapter 7 Drawing 7.3 Modelled Roads and Receptors

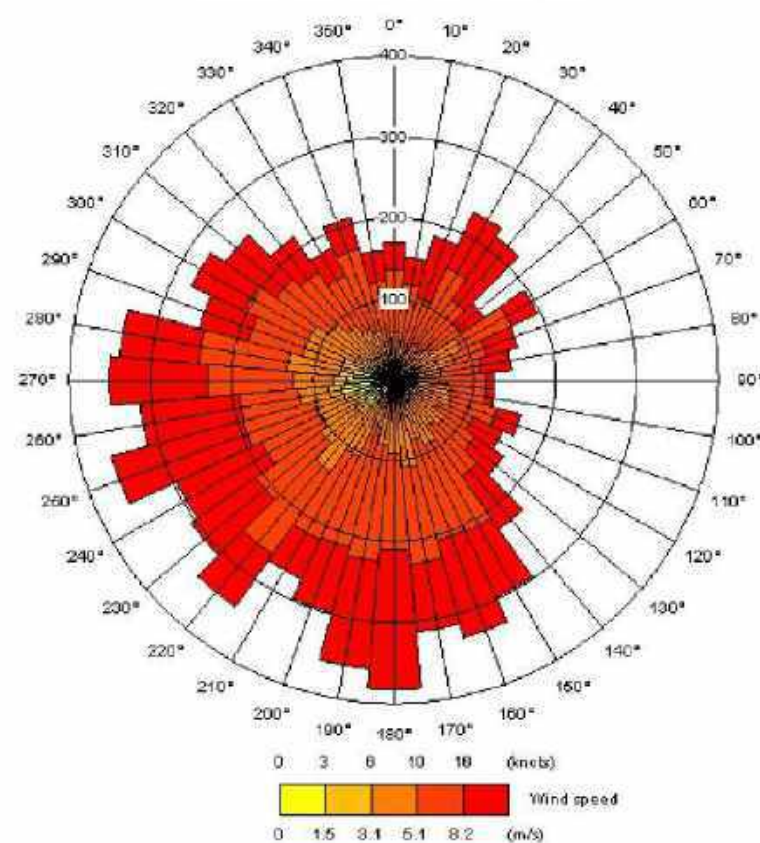


Chapter 7 Drawing 7.4 Hourly Meteorological Data 2015-2019

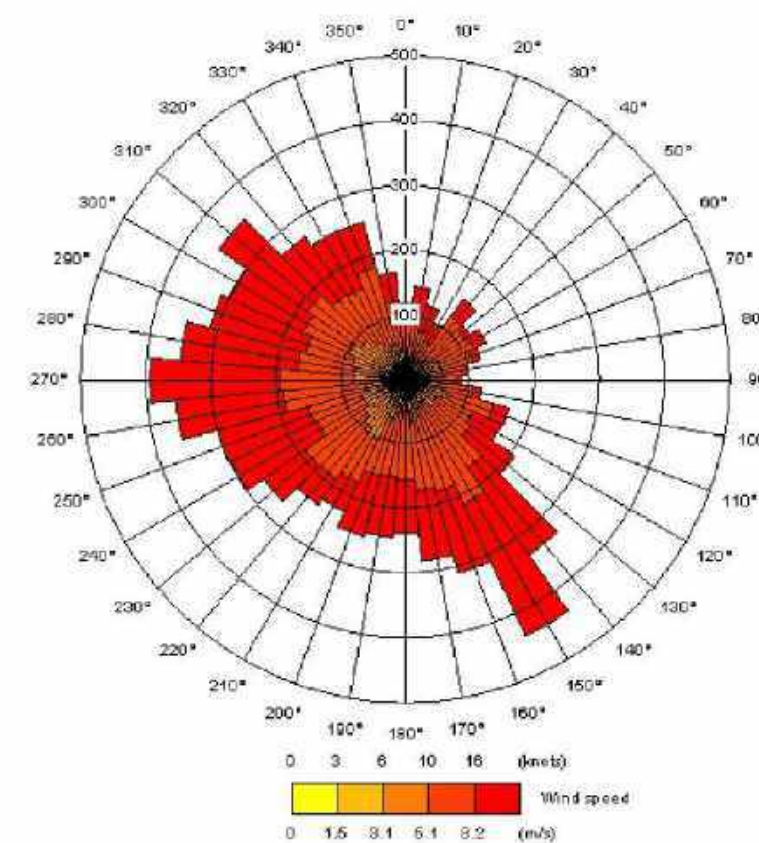
Baltasound 2015 Wind Rose



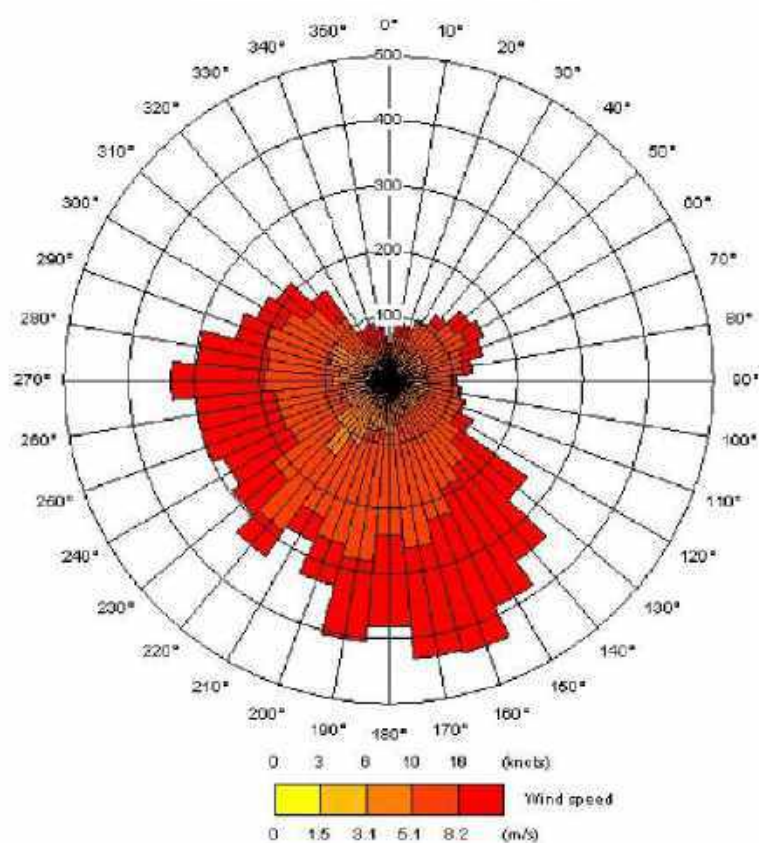
Baltasound 2016 Wind Rose



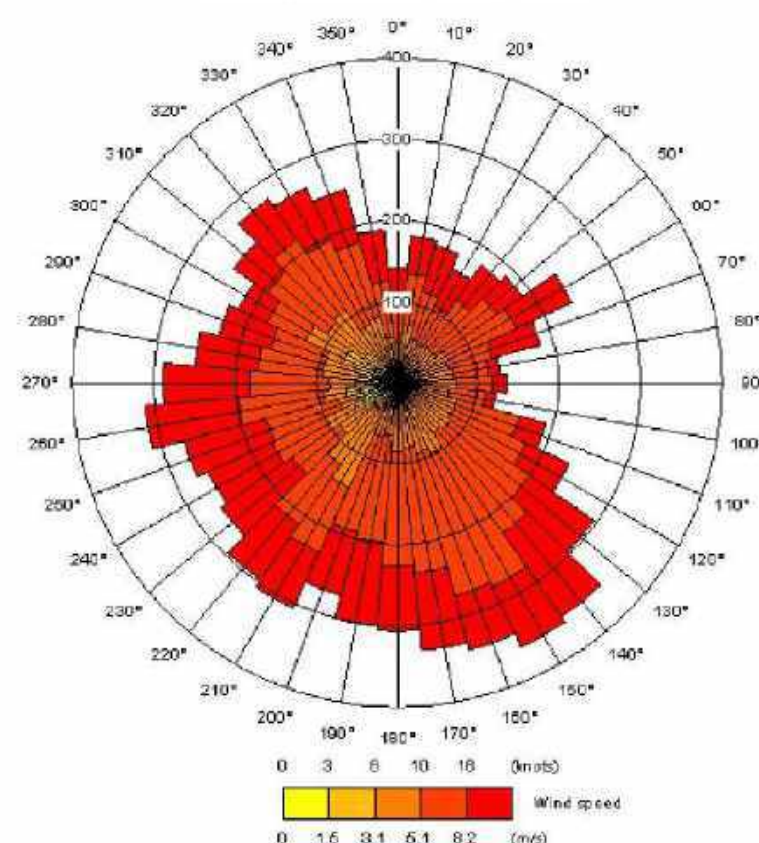
Baltasound 2017 Wind Rose



Baltasound 2018 Wind Rose



Baltasound 2019 Wind Rose

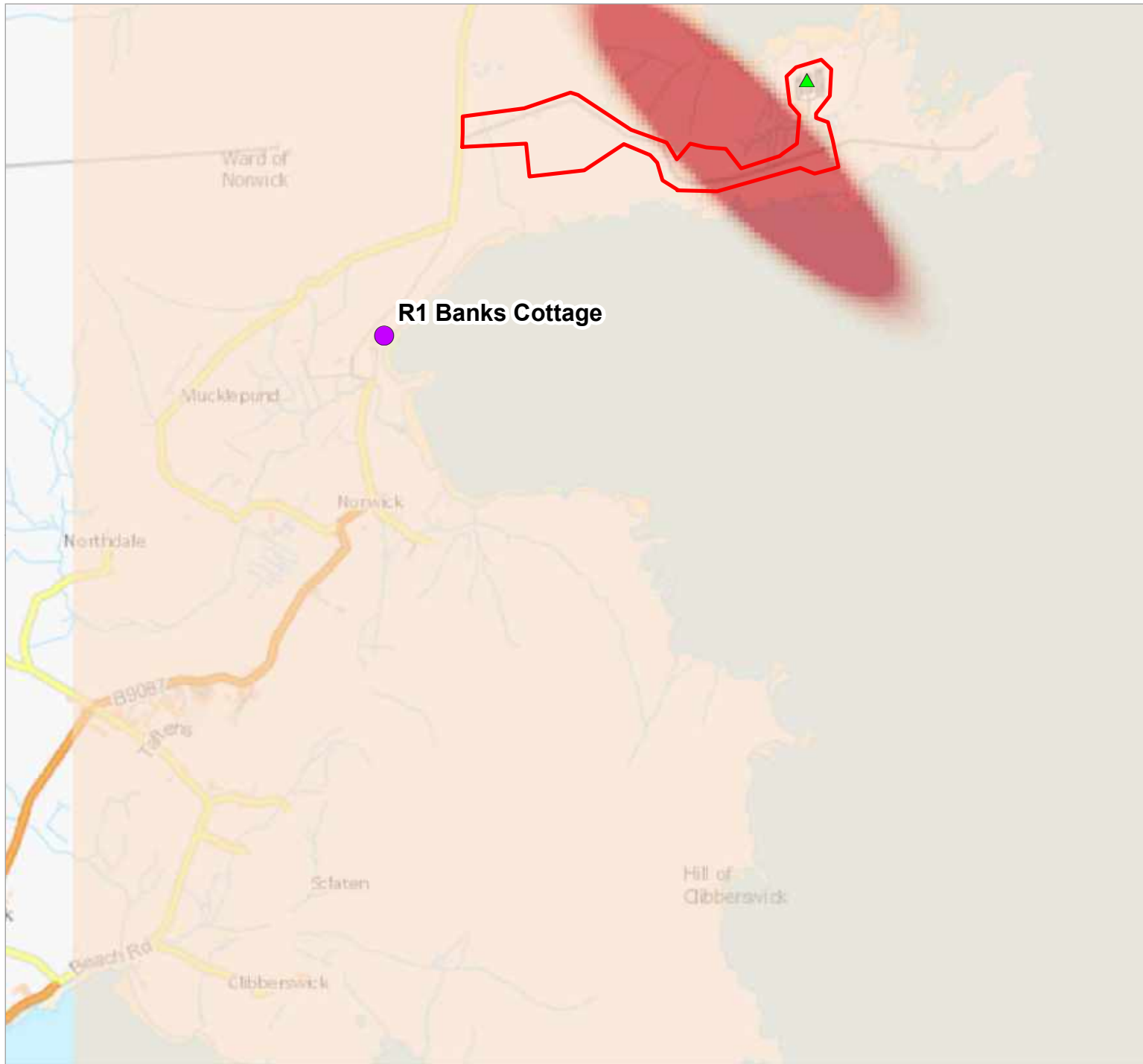


RFA Launch Operator Licence
Assessment of Environmental Effects

Drawing 7.4
Baltasound, Unst
Hourly Meteorological Data 2015 - 2019

Date: 19/10/2022	Drawn by: ER	Checked by: RF	Version: V1
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Chapter 7 Drawing 7.5 CO Contours 1 Minute after Launch



KEY

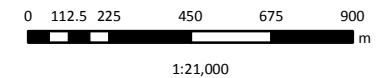
- Site Boundary
- R1 - Banks Cottage
- Launch-Pad 1c

1 minutes after release mg/m^3

0.05	0.5 - 0.55
0.05 - 0.1	0.55 - 0.6
0.10 - 0.15	0.6 - 0.65
0.15 - 0.2	0.65 - 0.7
0.2 - 0.25	0.7 - 0.75
0.25 - 0.3	0.75 - 0.8
0.3 - 0.35	0.8 - 0.85
0.35 - 0.4	0.85 - 0.9
0.4 - 0.45	0.9 - 0.95
0.45 - 0.5	>1

Coordinate System: British National Grid
Projection: Transverse Mercator

Service Layer Credits: Contains OS data © Crown Copyright and database right 2020; Historic Environment Scotland and Ordnance Survey data ©

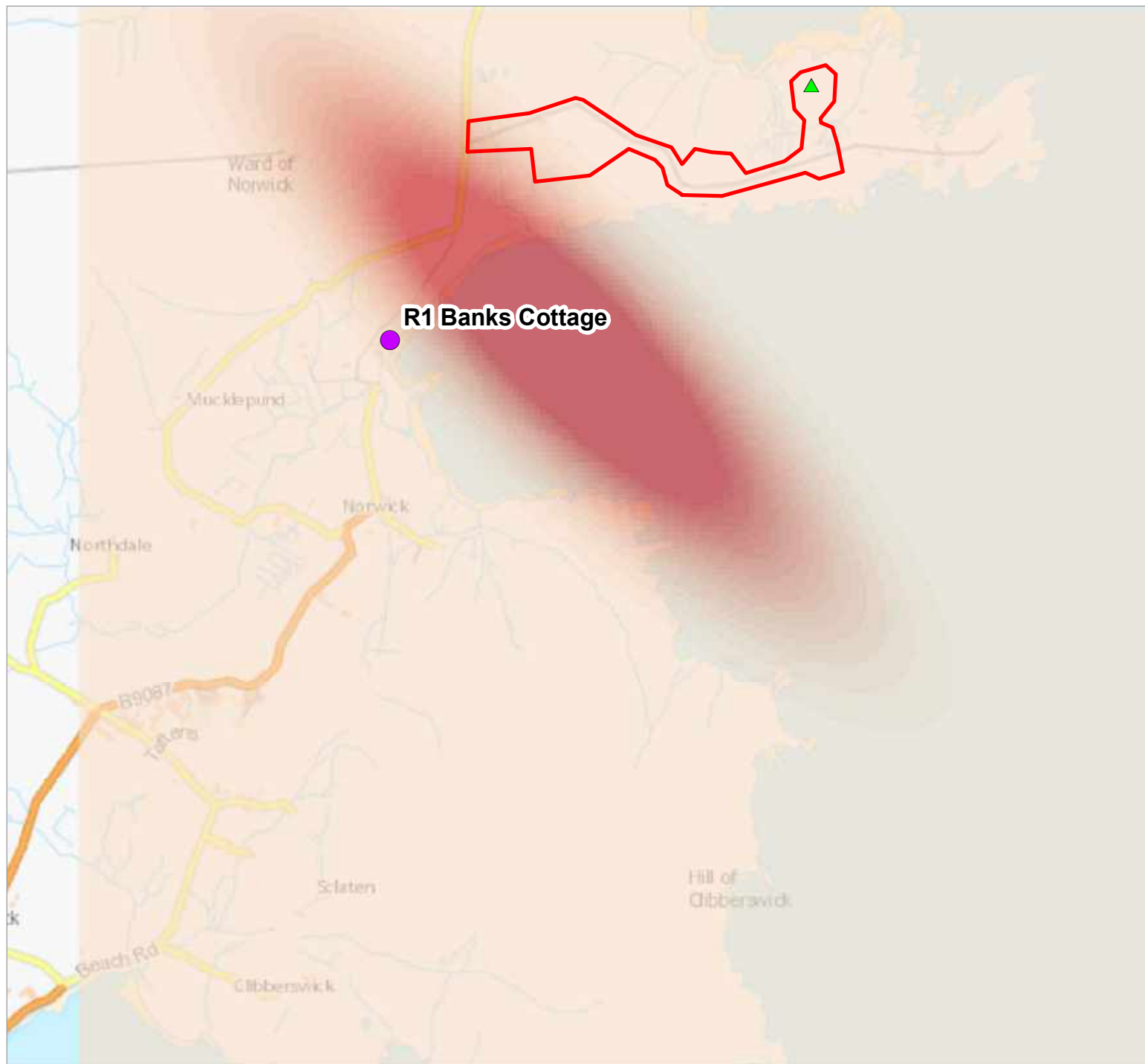


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Assessment of Environmental Effects

Drawing 7.5 Concentration of CO_2 1 Minute After Launch

Date: 19/10/2022	Lead: ER	Review: RF	Version: V1
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Chapter 7 Drawing 7.6 CO Contours 3 Minutes after Launch



KEY

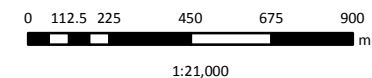
- Site Boundary
- R1 - Banks Cottage
- Launch-Pad 1c

3 minutes after release mg/m³

0.05	0.5 - 0.55
0.05 - 0.1	0.55 - 0.6
0.10 - 0.15	0.6 - 0.65
0.15 - 0.2	0.65 - 0.7
0.2 - 0.25	0.7 - 0.75
0.25 - 0.3	0.75 - 0.8
0.3 - 0.35	0.8 - 0.85
0.35 - 0.4	0.85 - 0.9
0.4 - 0.45	0.9 - 0.95
0.45 - 0.5	>1

Coordinate System: British National Grid
Projection: Transverse Mercator

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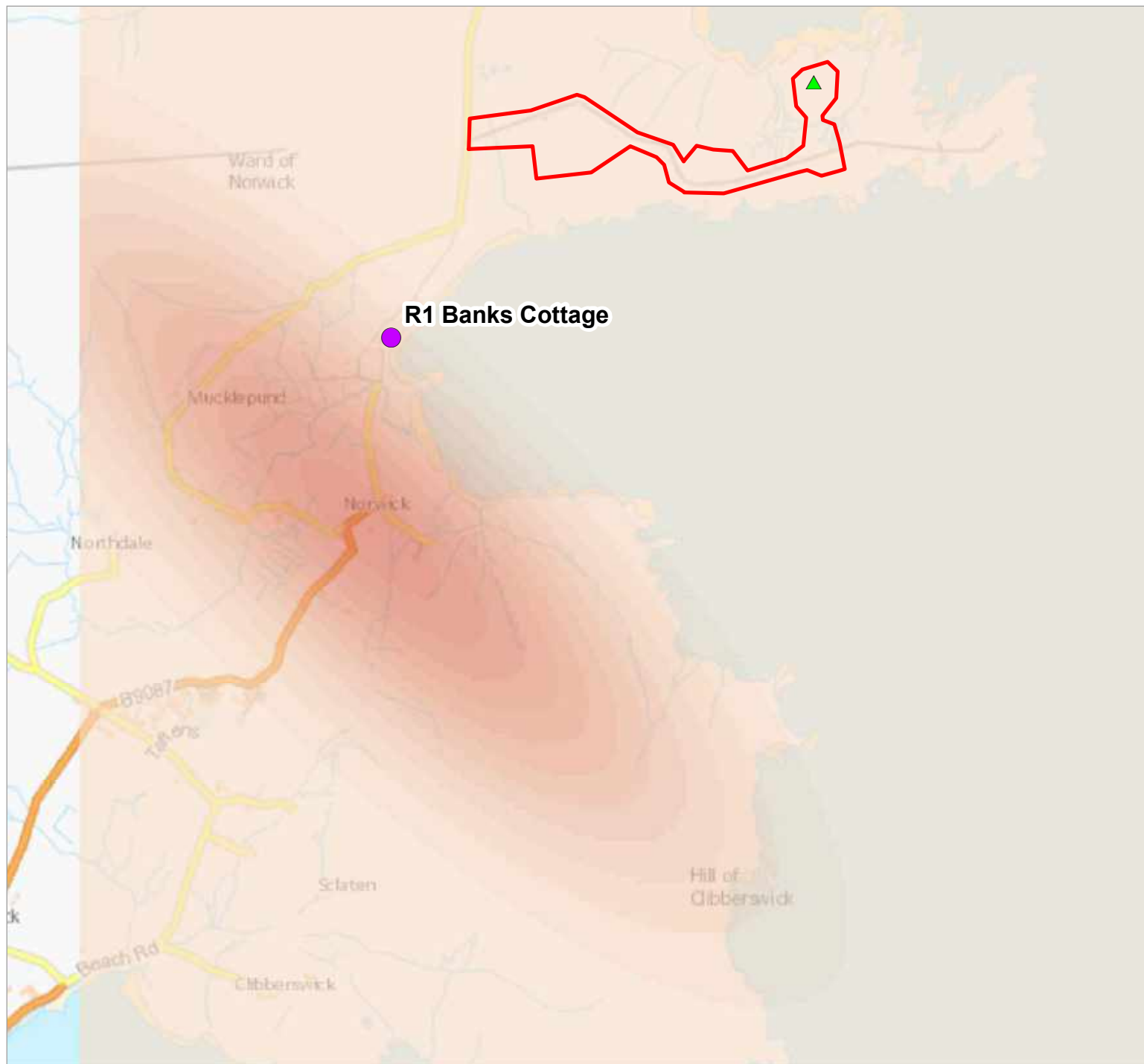


RFA SaxaVord
Assessment of Environmental Effects

Drawing 7.6 Concentration of CO₂ 3 Minutes After Launch

Date: 19/10/2022	Lead: ER	Review: RF	Version: V1
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Chapter 7 Drawing 7.7 CO Contours 5 Minutes after Launch



KEY

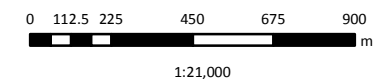
- Site Boundary
- R1 - Banks Cottage
- ▲ Launch-Pad 1c

5 minutes after release mg/m³

 0.05	 0.5 - 0.55
 0.05 - 0.1	 0.55 - 0.6
 0.10 - 0.15	 0.6 - 0.65
 0.15 - 0.2	 0.65 - 0.7
 0.2 - 0.25	 0.7 - 0.75
 0.25 - 0.3	 0.75 - 0.8
 0.3 - 0.35	 0.8 - 0.85
 0.35 - 0.4	 0.85 - 0.9
 0.4 - 0.45	 0.9 - 0.95
 0.45 - 0.5	 >1

Coordinate System: British National Grid
Projection: Transverse Mercator

Service Layer Credits: Contains OS data © Crown Copyright and database right 2020; Historic Environment Scotland and Ordnance Survey data ©

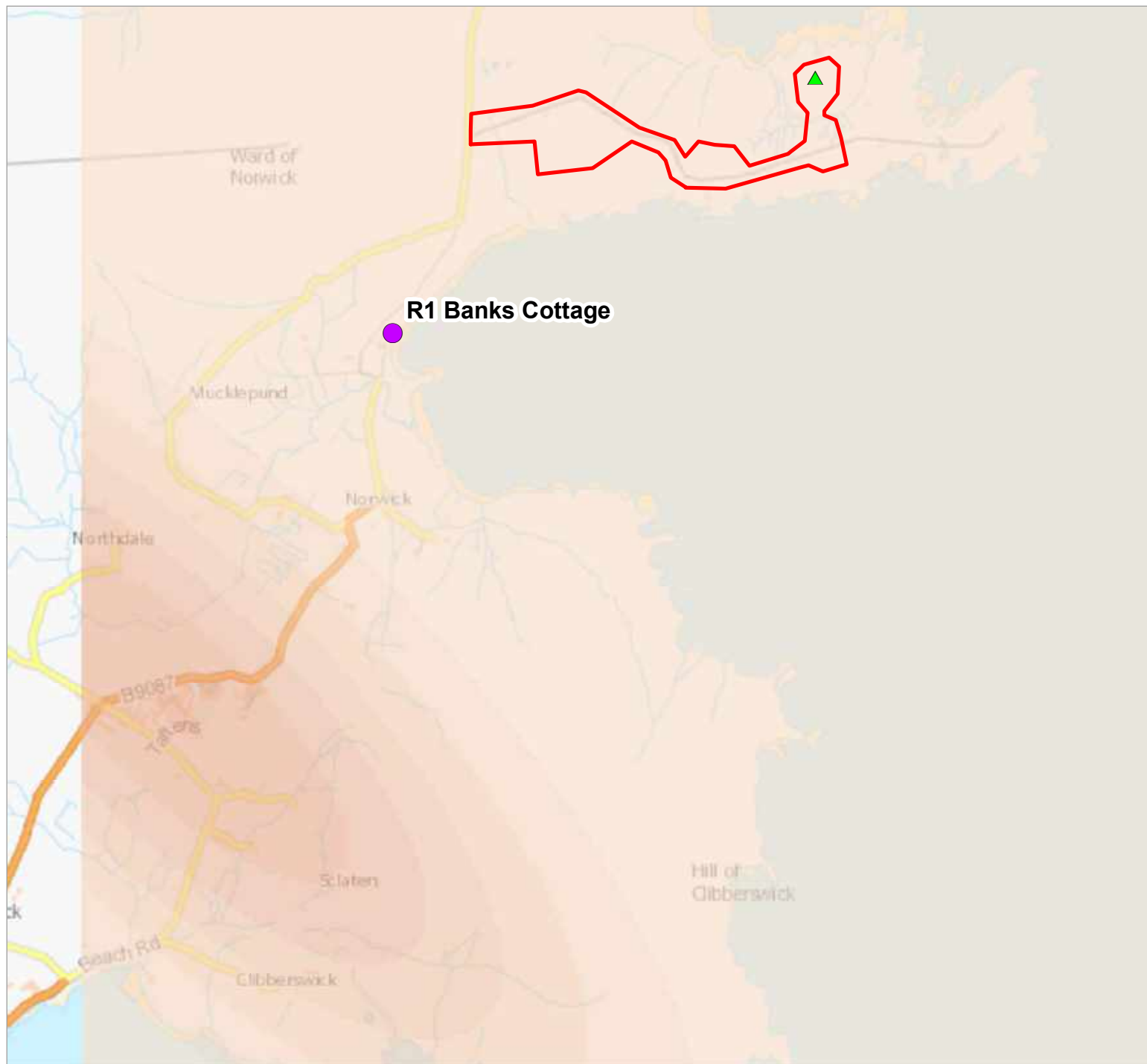


RFA SaxaVord
Assessment of Environmental Effects

Drawing 7.7 Concentration of CO₂ 5 Minutes After Launch

Date: 19/10/2022	Lead: ER	Review: RF	Version: V1
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Chapter 7 Drawing 7.8 CO Contours 7 Minutes after Launch



KEY

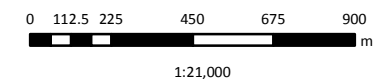
- Site Boundary
- R1 - Banks Cottage
- ▲ Launch-Pad 1c

7 minutes after release mg/m³

 0.05	 0.5 - 0.55
 0.05 - 0.1	 0.55 - 0.6
 0.10 - 0.15	 0.6 - 0.65
 0.15 - 0.2	 0.65 - 0.7
 0.2 - 0.25	 0.7 - 0.75
 0.25 - 0.3	 0.75 - 0.8
 0.3 - 0.35	 0.8 - 0.85
 0.35 - 0.4	 0.85 - 0.9
 0.4 - 0.45	 0.9 - 0.95
 0.45 - 0.5	 >1

Coordinate System: British National Grid
Projection: Transverse Mercator

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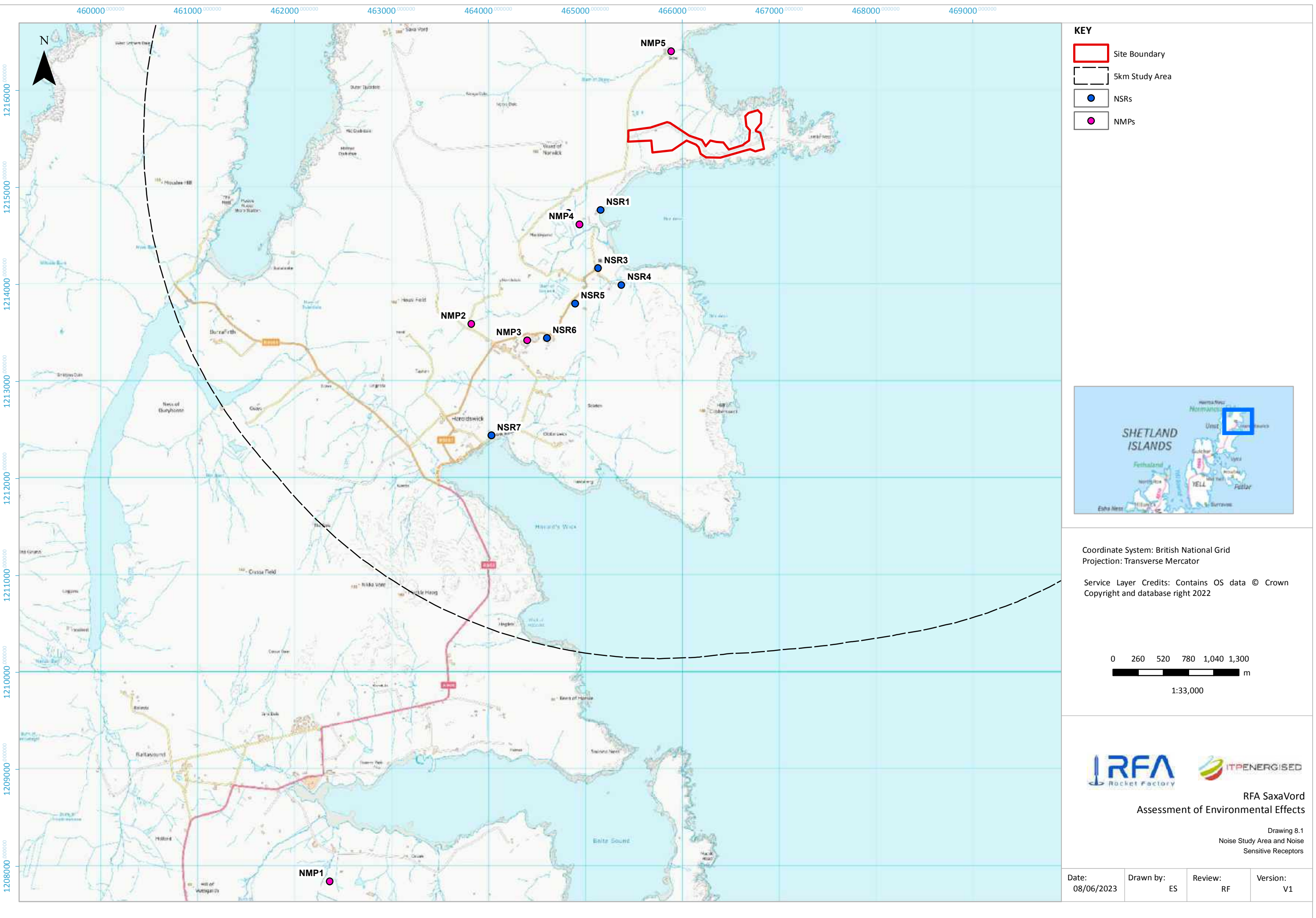


RFA SaxaVord
Assessment of Environmental Effects

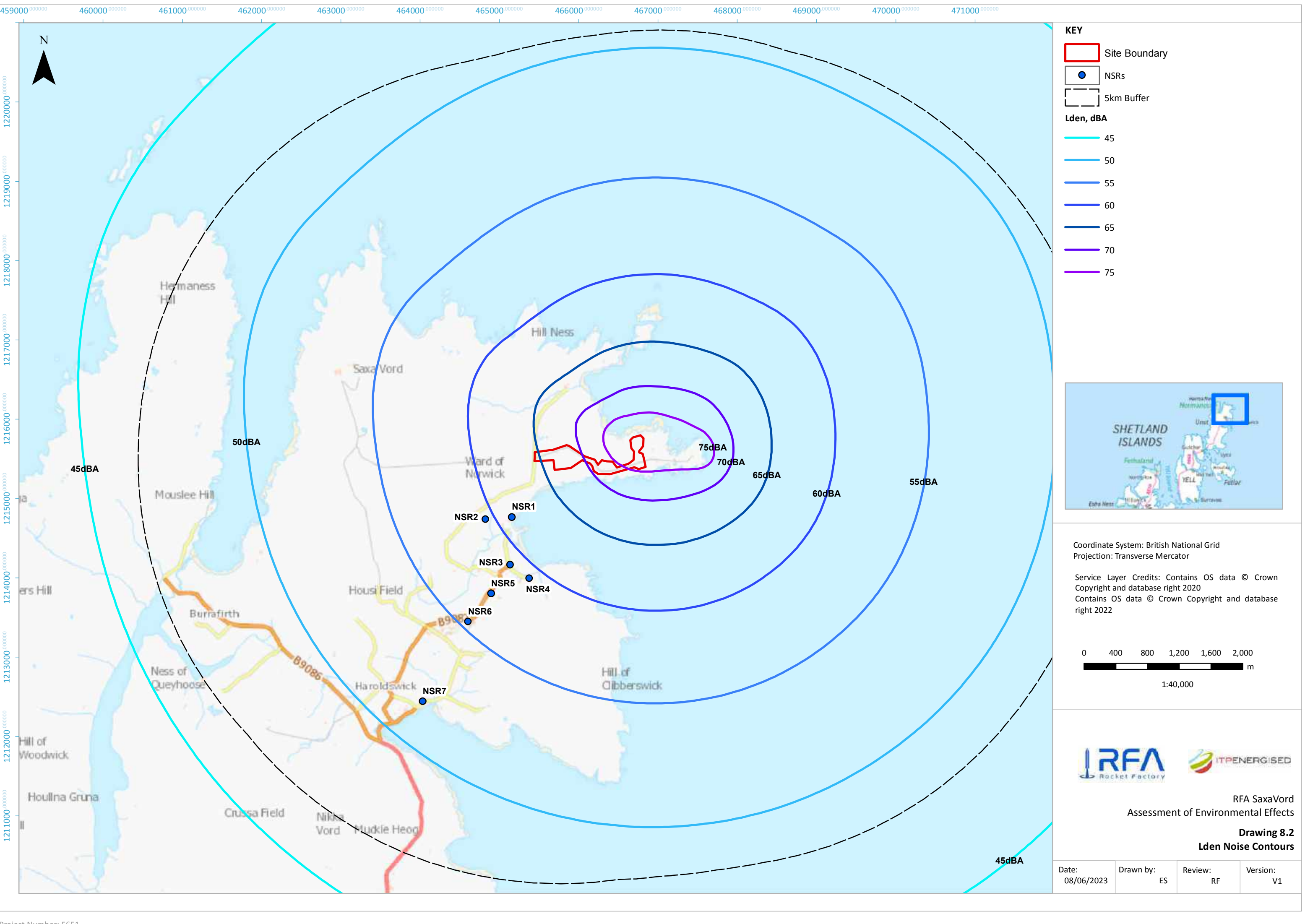
Drawing 7.8 Concentration of CO₂ 7 Minutes After Launch

Date: 19/10/2022	Lead: ER	Review: RF	Version: V1
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Chapter 8 Drawing 8.1 Noise Study Area and Noise Sensitive Receptors



Chapter 8 Drawing 8.2 Lden Noise Contours



KEY

- Site Boundary
- NSRs
- 5km Buffer

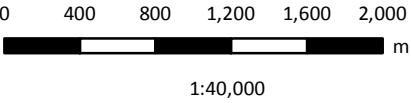
Lden, dBA

- 45
- 50
- 55
- 60
- 65
- 70
- 75



Coordinate System: British National Grid
Projection: Transverse Mercator

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Contains OS data © Crown Copyright and database right 2022

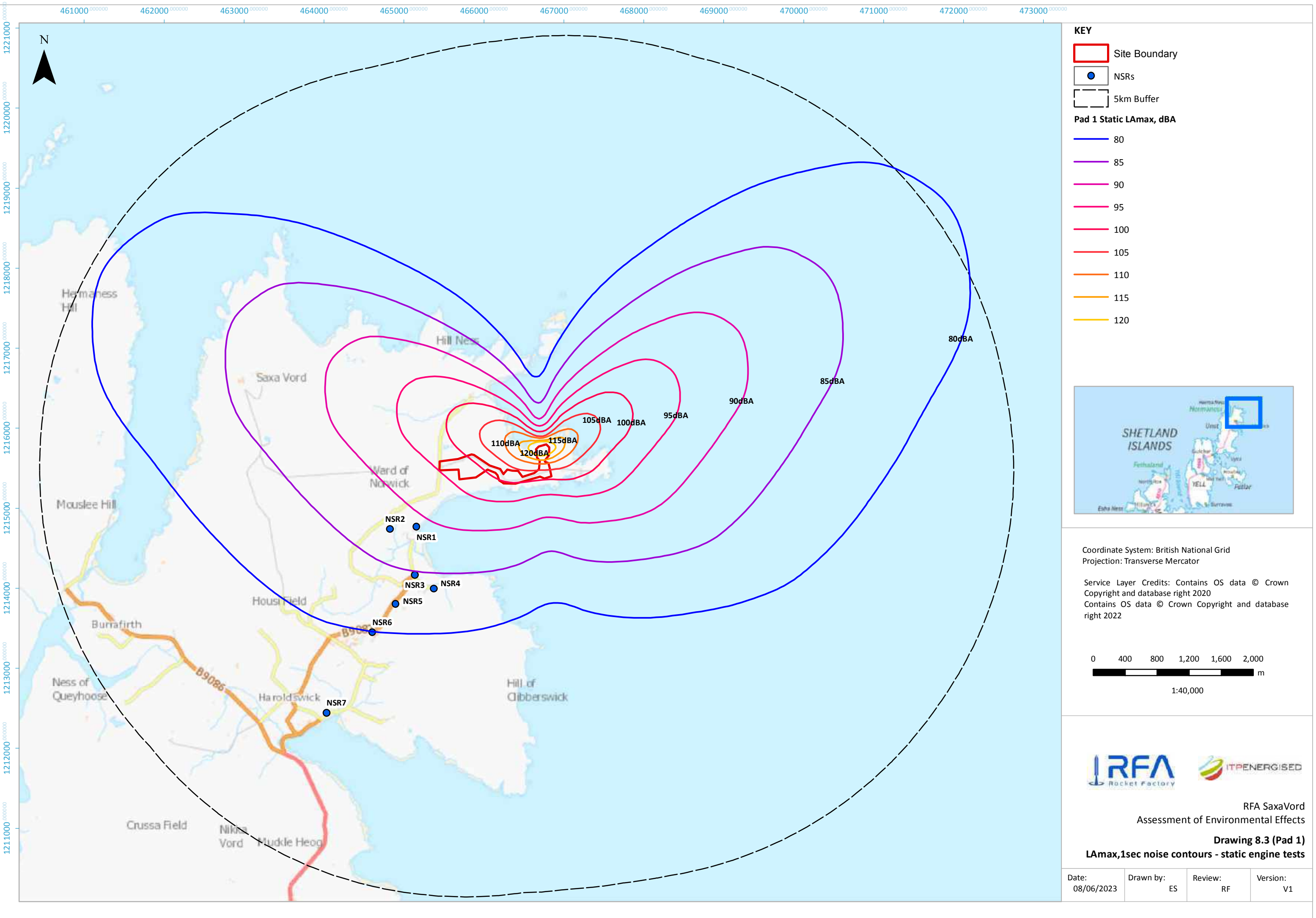


RFA SaxaVord
Assessment of Environmental Effects

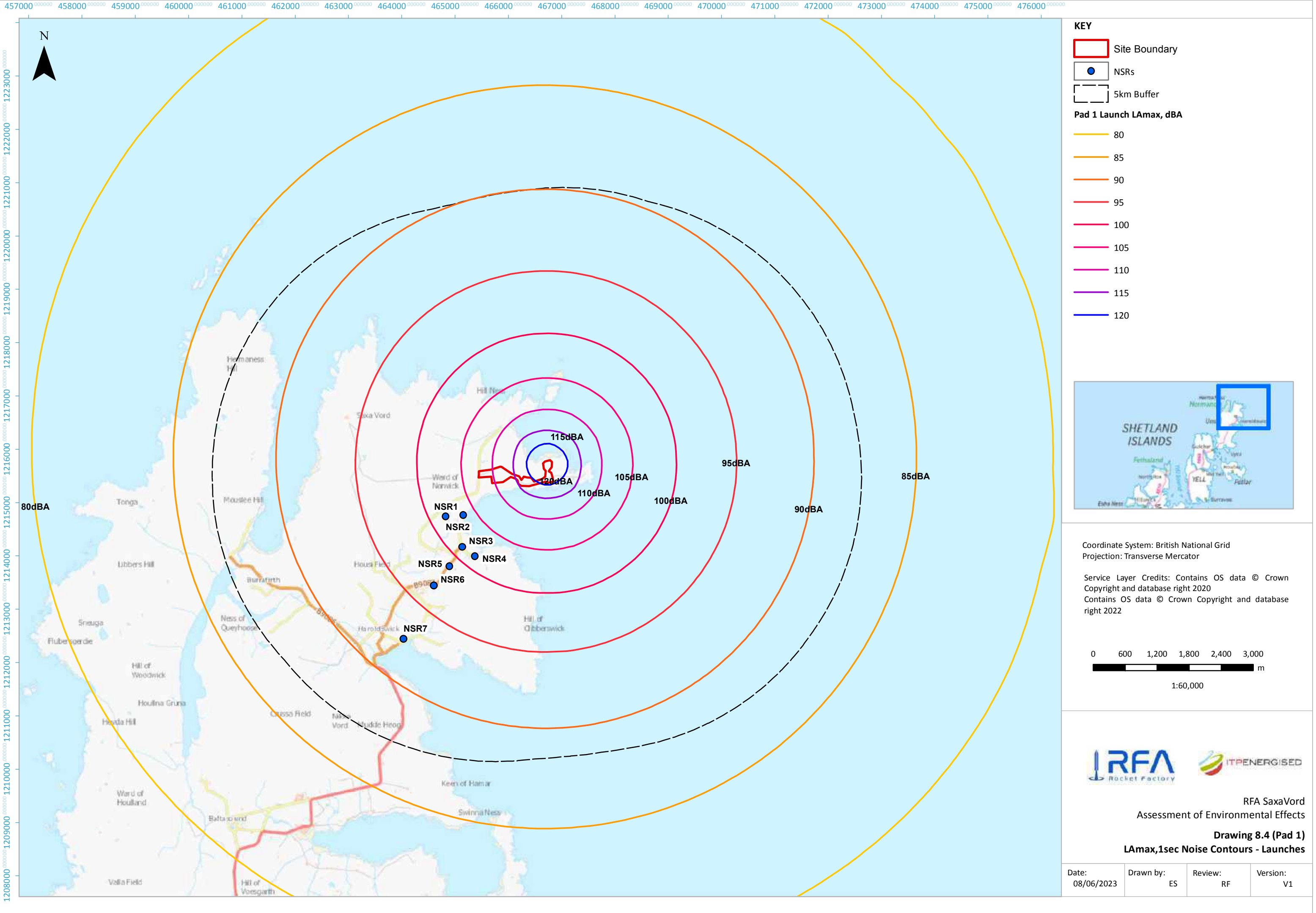
Drawing 8.2
Lden Noise Contours

Date: 08/06/2023	Drawn by: ES	Review: RF	Version: V1
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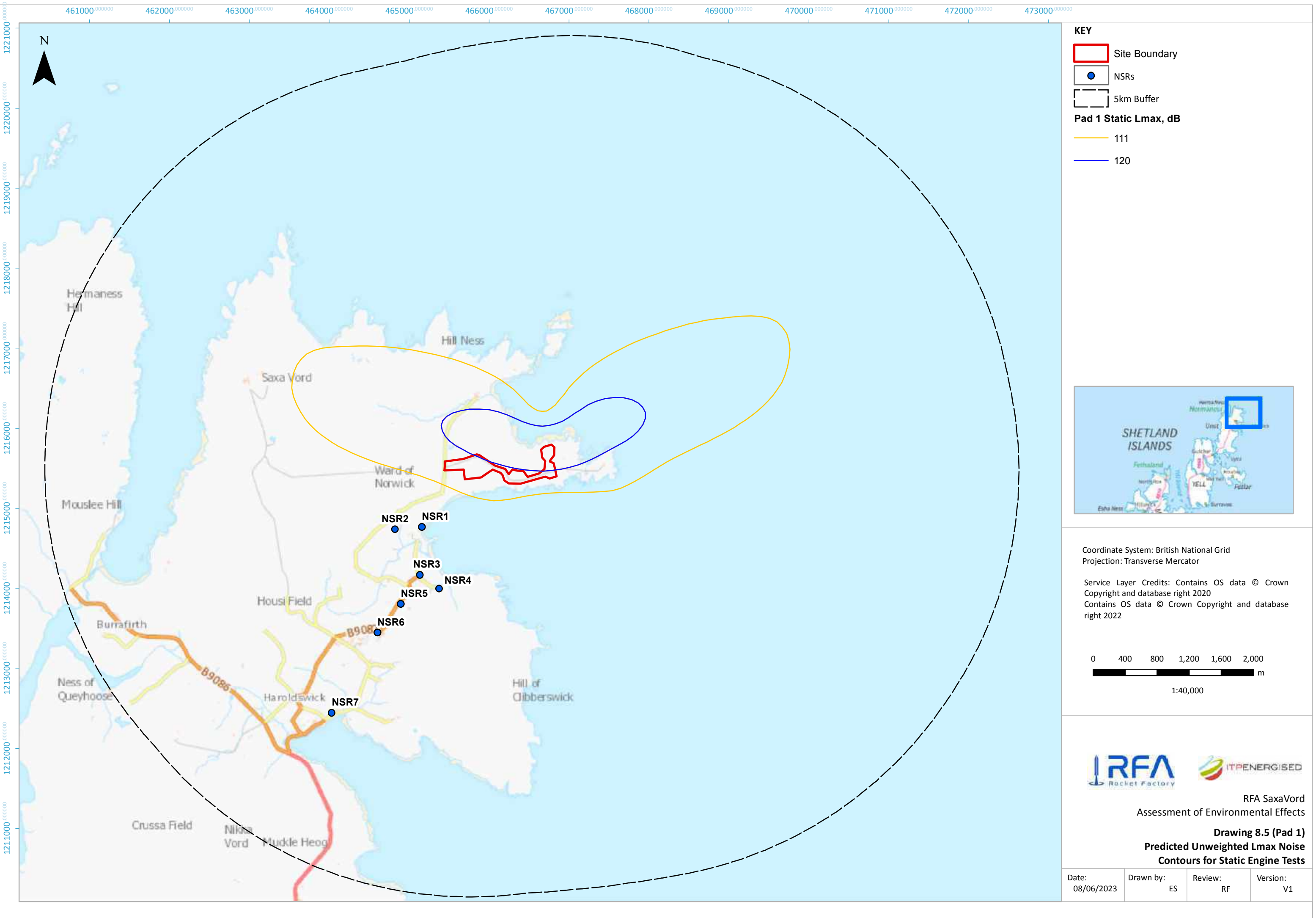
Chapter 8 Drawing 8.3 LAmax 1 second Noise Contours, Static Engine Tests



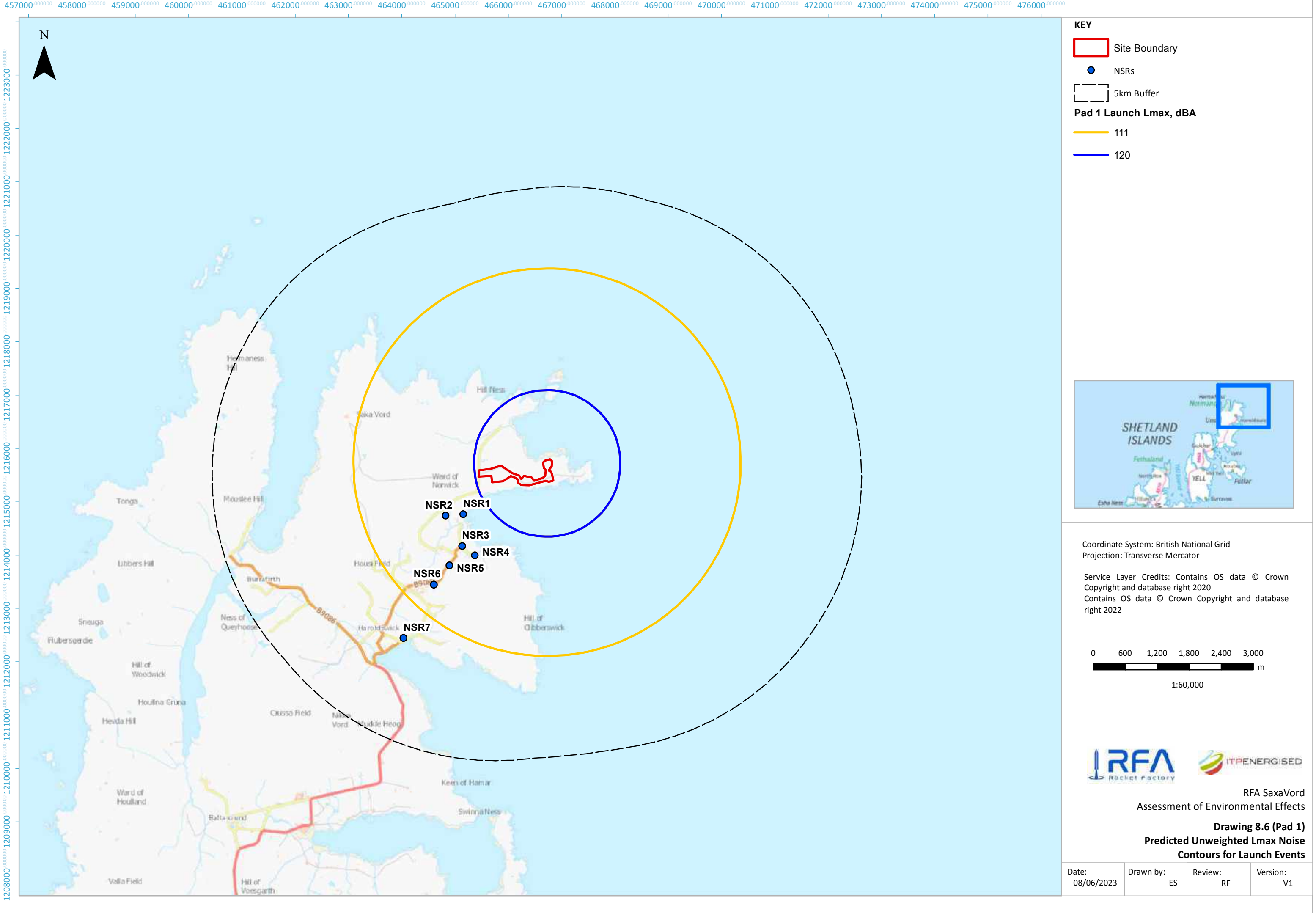
Chapter 8 Drawing 8.4 LAmax 1 second Noise Contours, Launches



Chapter 8 Drawing 8.5 Predicted Unweighted LAmax Noise – Static Engine Tests



Chapter 8 Drawing 8.6 Predicted Unweighted LAmax Noise - Launches



KEY

Site Boundary

● NSRs

5km Buffer

Pad 1 Launch Lmax, dBA

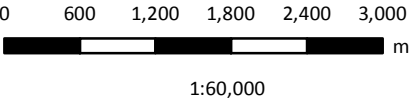
— 111

— 120



Coordinate System: British National Grid
Projection: Transverse Mercator

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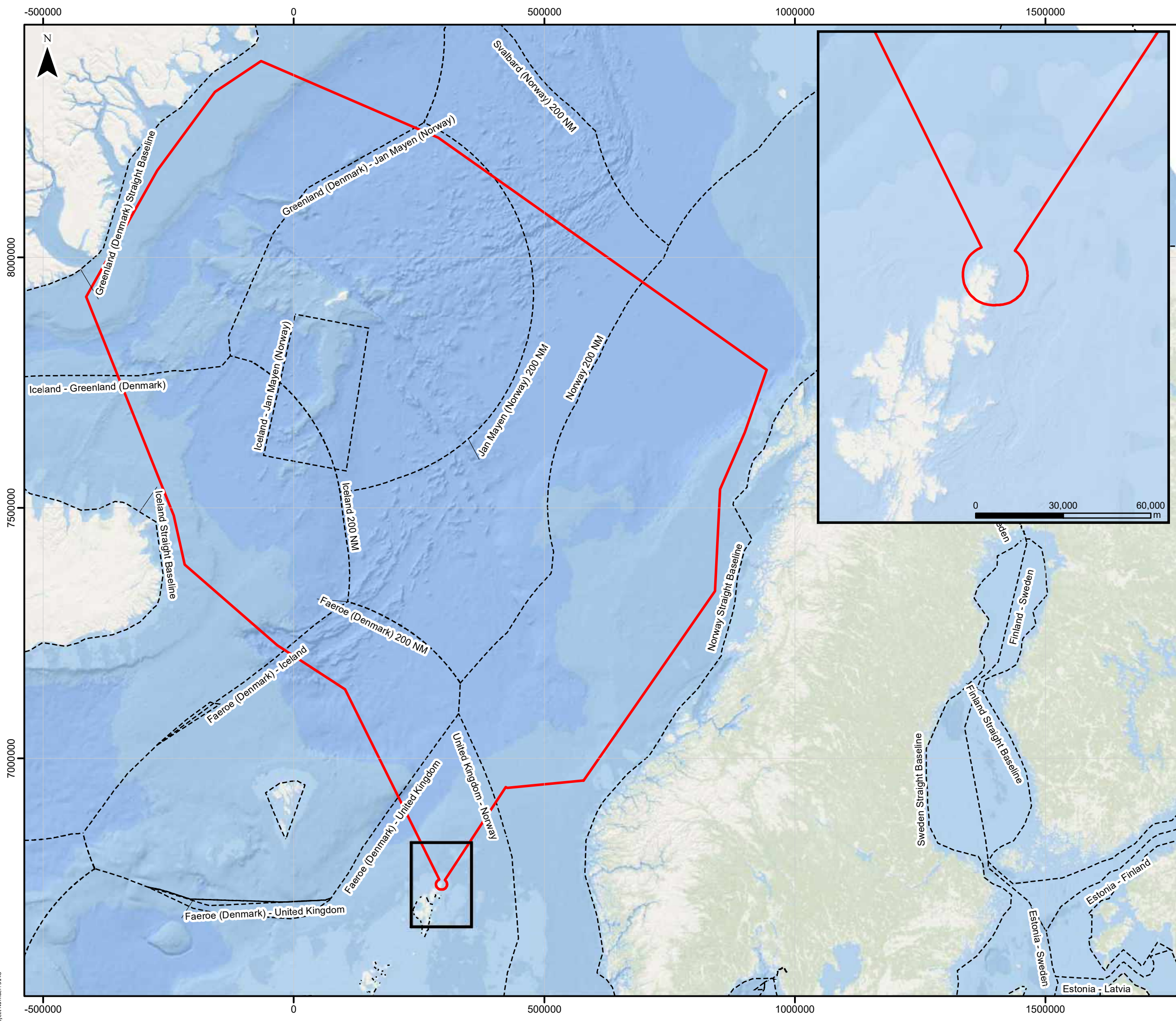
RFA SaxaVord
Assessment of Environmental Effects

Drawing 8.6 (Pad 1)
Predicted Unweighted Lmax Noise
Contours for Launch Events

Date: 08/06/2023	Drawn by: ES	Review: RF	Version: V1
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Chapter 9 -

Chapter 10 Drawing 10.1 North Atlantic Environmental Zone of Influence



Legend

North Atlantic Environmental Zone of Influence (EZI)

EEZ boundaries

0170,000340,000

m

Scale 1:7,000,000 @ A3

IRFA

Rocket Factory

MarineSpace

an ERM Group Company

Rocket Factory Augsburg

Assessment of Environmental Effects

Drawing 10.1

North Atlantic Environmental Zone of Influence

Date: 19/09/2023

Drawn by: AN

Checked by: JW

Version: Draft/V1

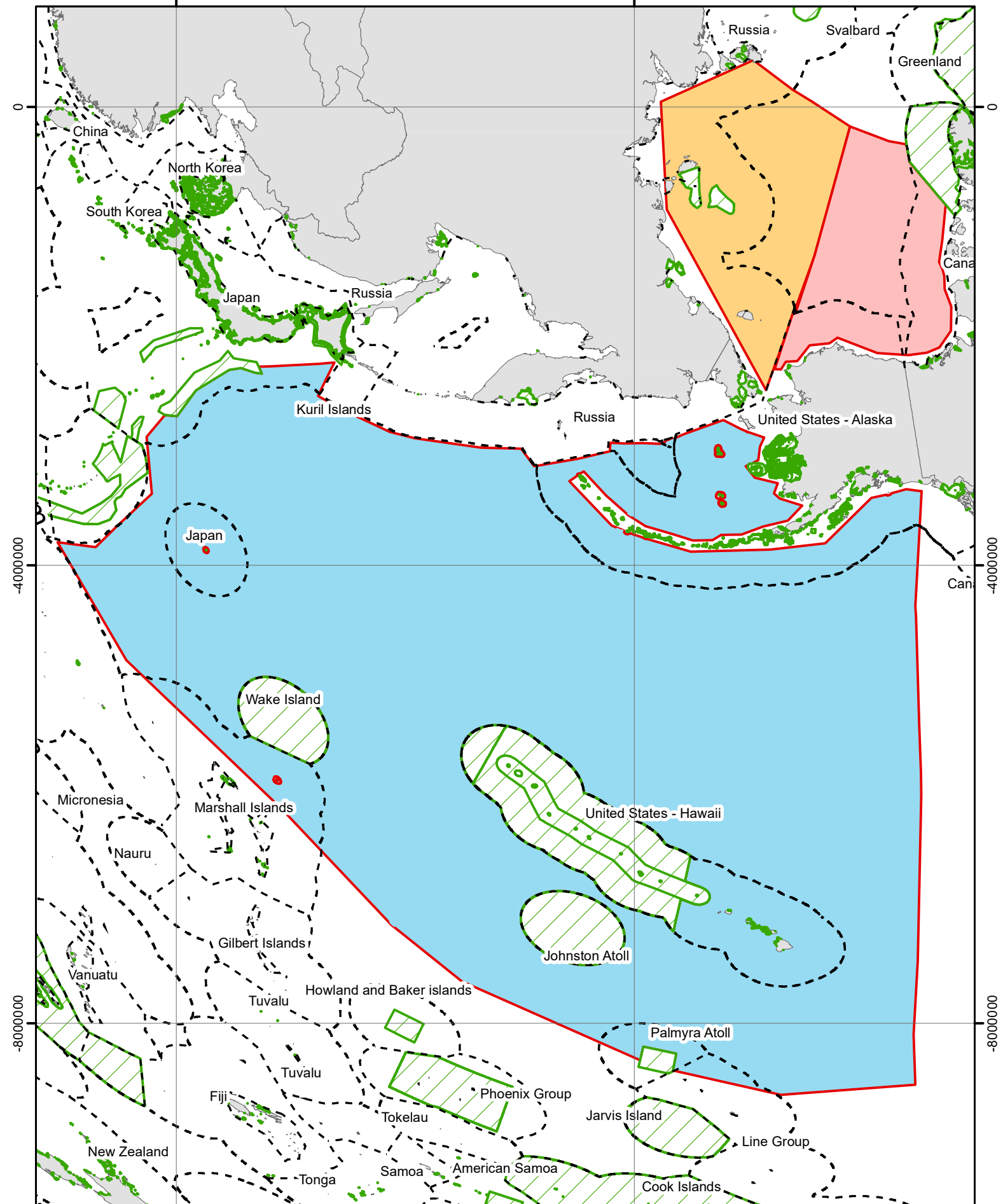
Project Number: 3148

Service Layer Credits: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Chapter 10 Drawing 10.2 Pacific Environmental Zone of Influence

-6000000

-2000000



Legend

- MPA
- Pacific EZI Section a
- Pacific EZI Section b
- Pacific EZI Section c
- EEZ

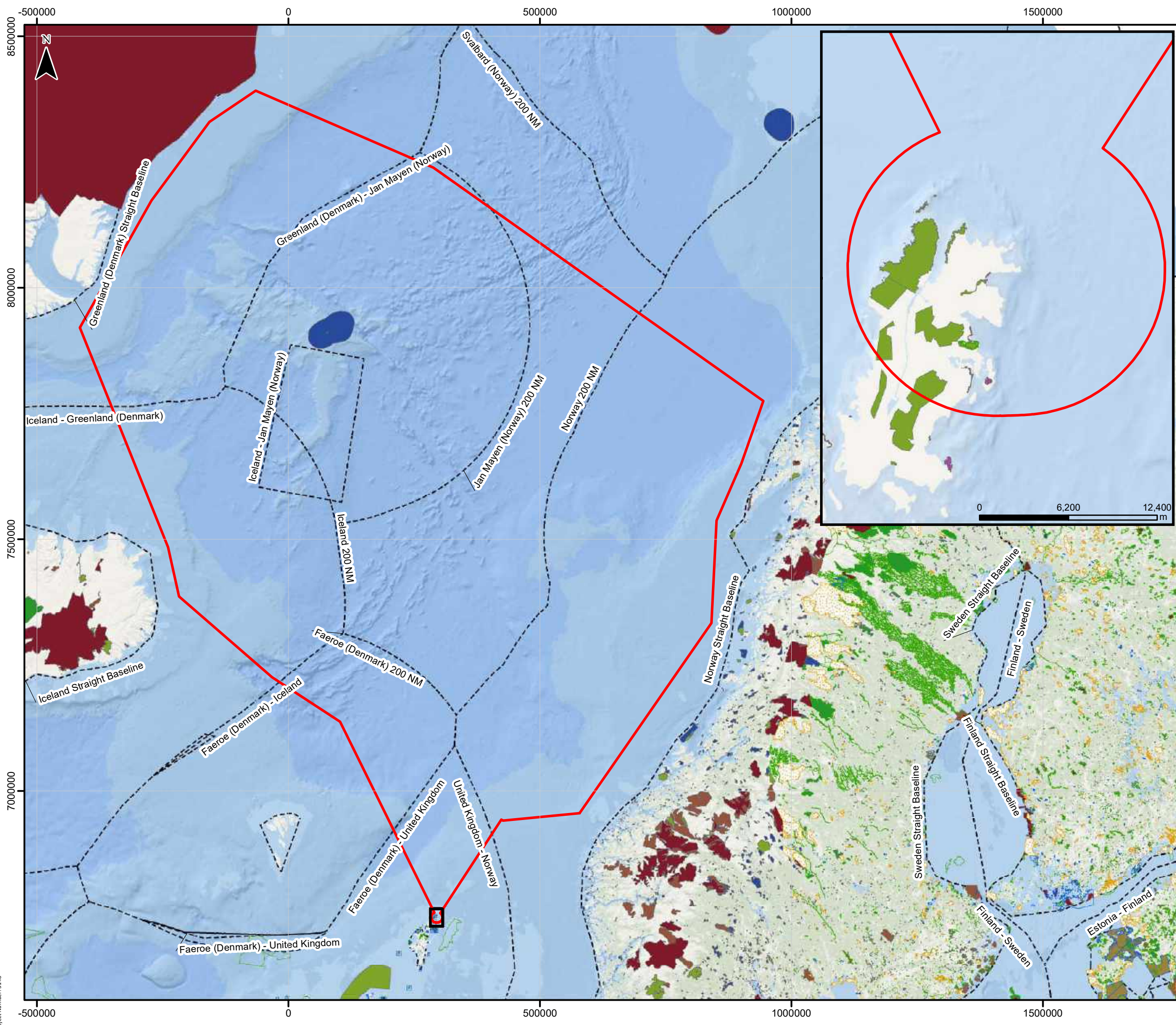
Rocket Factory Augsburg
Assessment of Environmental Effects
Drawing 10.2
Pacific Environmental Zone
of Influence

0 580 1,160 km

Scale : 1:42,000,000 @ A3
Date : 20/09/2023
Drawn by: AN
Checked by: IW
Version: Draft/V1



Chapter 10 Drawing 10.3 North Atlantic Protected Areas



Legend

North Atlantic Environmental Zone of Influence (EZI)

Protected Site Type (Natura 2000)

SPA

SAC

SCI

Protected Site Type (IUCN)

Habitat/Species Management Area

National Park

Natural Monument or Feature

Protected Landscape/ Seascape

Protected area with sustainable use of natural resources

Strict Nature Reserve

Wilderness Area

EEZ boundaries

0175,000350,000m

Scale 1:7,000,000 @ A3

Rocket Factory Augsburg

Assessment of Environmental Effects

Drawing 10.3

Protected Areas - Natura 2000 and IUCN Sites

North Atlantic

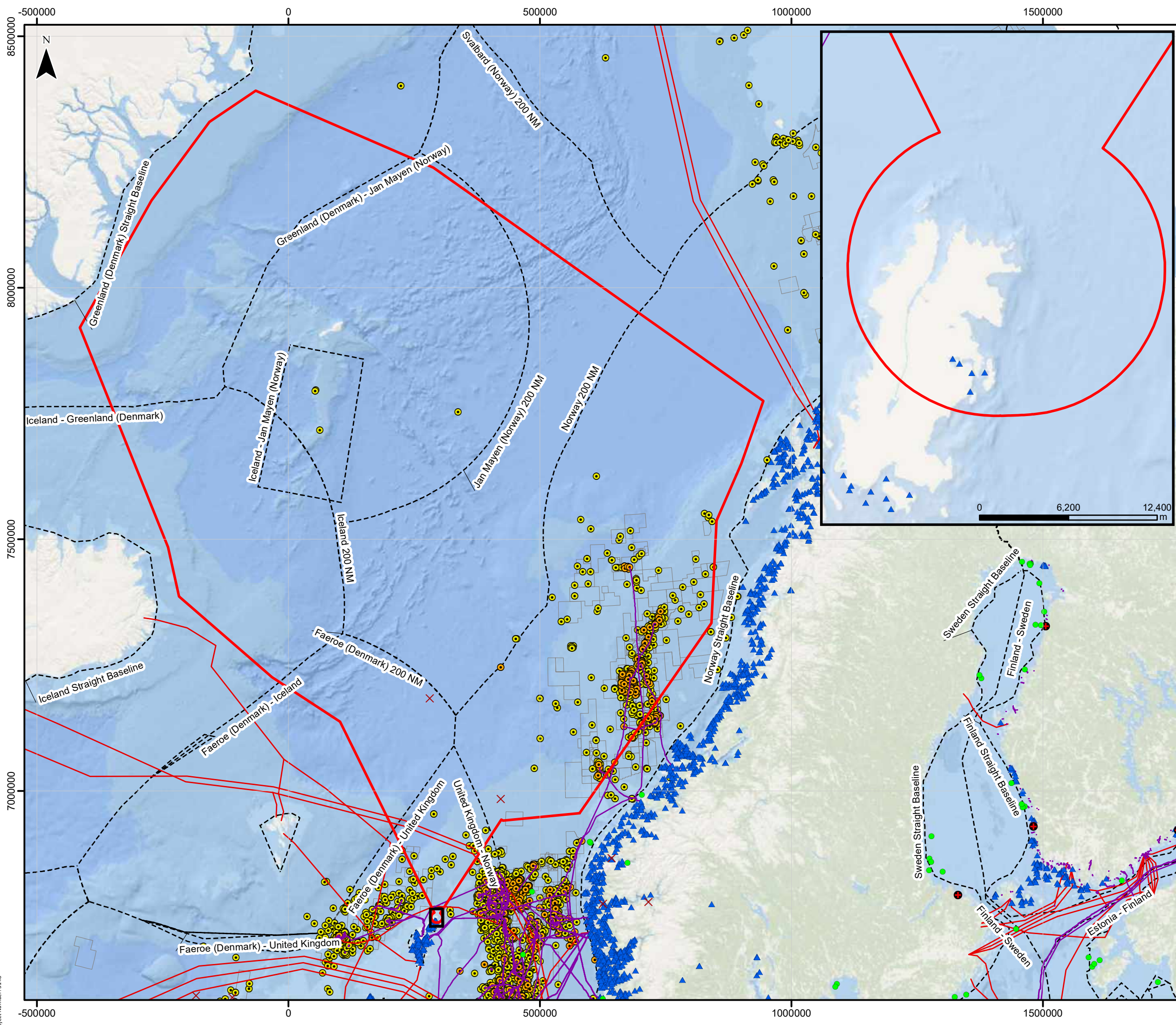
Date: 19/09/2023

Drawn by: AN

Checked by: JW

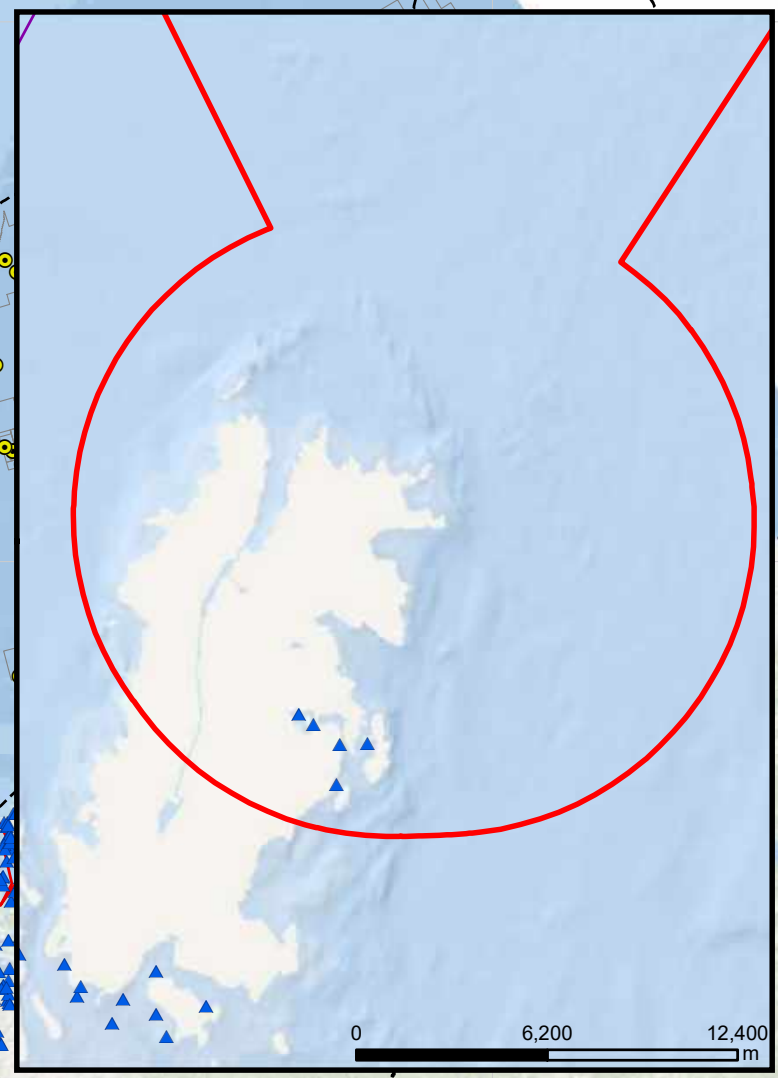
Version: Draft/V1

Chapter 10 Drawing 10.4 North Atlantic Other Marine Users



Legend

- North Atlantic Environmental Zone of Influence (EZI)
- Wind Farms
- Waste Disposal sites
- Nuclear Power plants
- Aquaculture sites
- Pipelines
- Cables
- Offshore Installations
- Boreholes
- Hydrocarbon licences
- EEZ boundaries



0 170,000 340,000 m

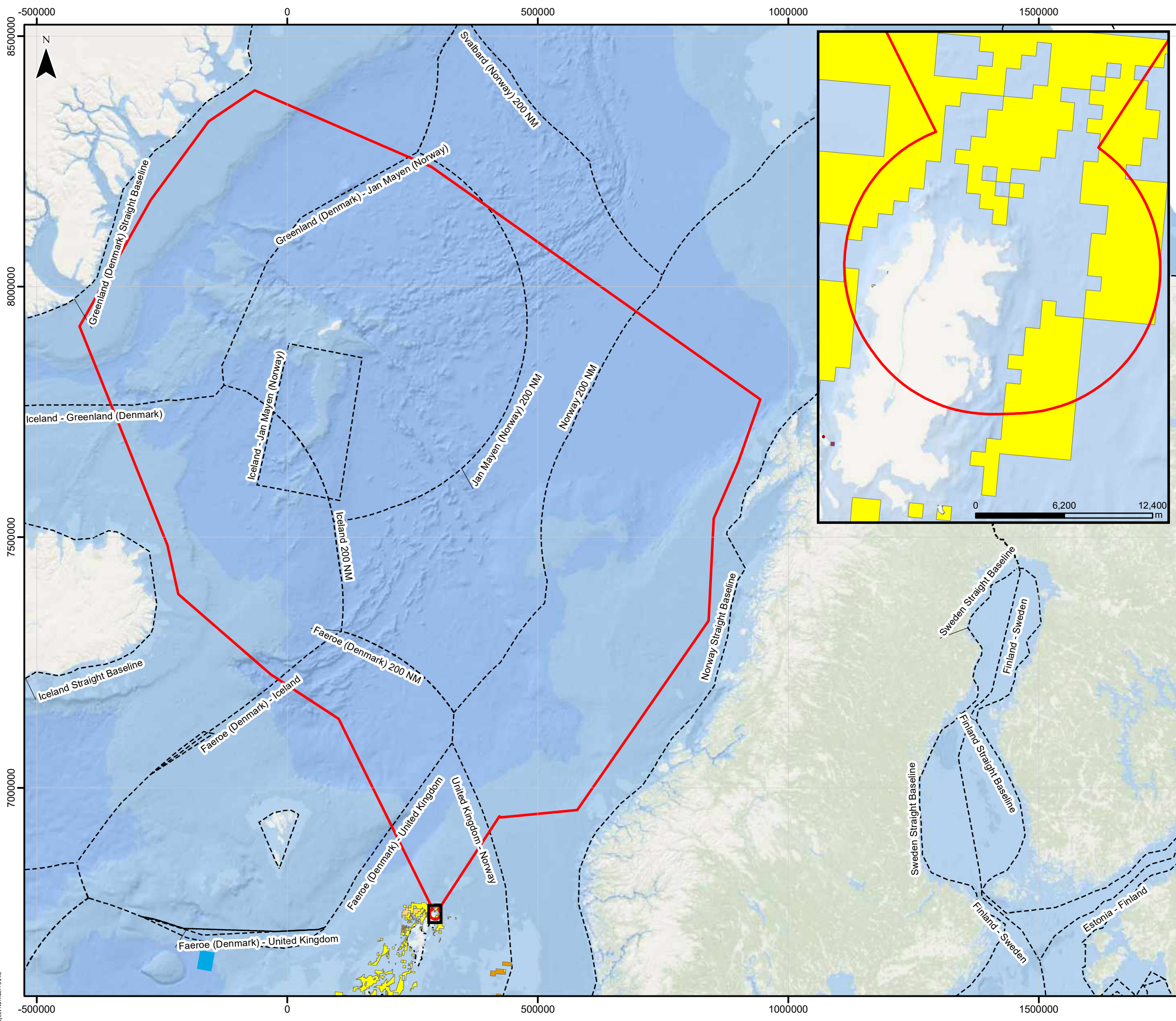
Scale 1:7,000,000 @ A3

Rocket Factory Augsburg
Assessment of Environmental Effects

Drawing 10.4
Other Marine Users
North Atlantic

Date: 19/09/2023	Drawn by: AN	Checked by: IW	Version: Draft/V1
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Chapter 10 Drawing 10.5 North Atlantic Current and Potential Use of Marine Environment



Legend

North Atlantic Environmental Zone of Influence (EZI)

Tidal lease sites

Dredge spoil disposal site

Closed

Disused

Open

Sand and Gravel resources

Construction aggregate - Coarse

Construction aggregate - Fine (Coarse Sand)

Construction aggregate - Fine (Fine Sand)

Fill aggregate

EEZ boundaries

0170,000340,000

m

Scale 1:7,000,000 @ A3

IRFA

Rocket Factory

MarineSpace

an ERM Group Company

Rocket Factory Augsburg

Assessment of Environmental Effects

Drawing 10.5

Current & potential use of marine environment

North Atlantic

Date: 19/09/2023

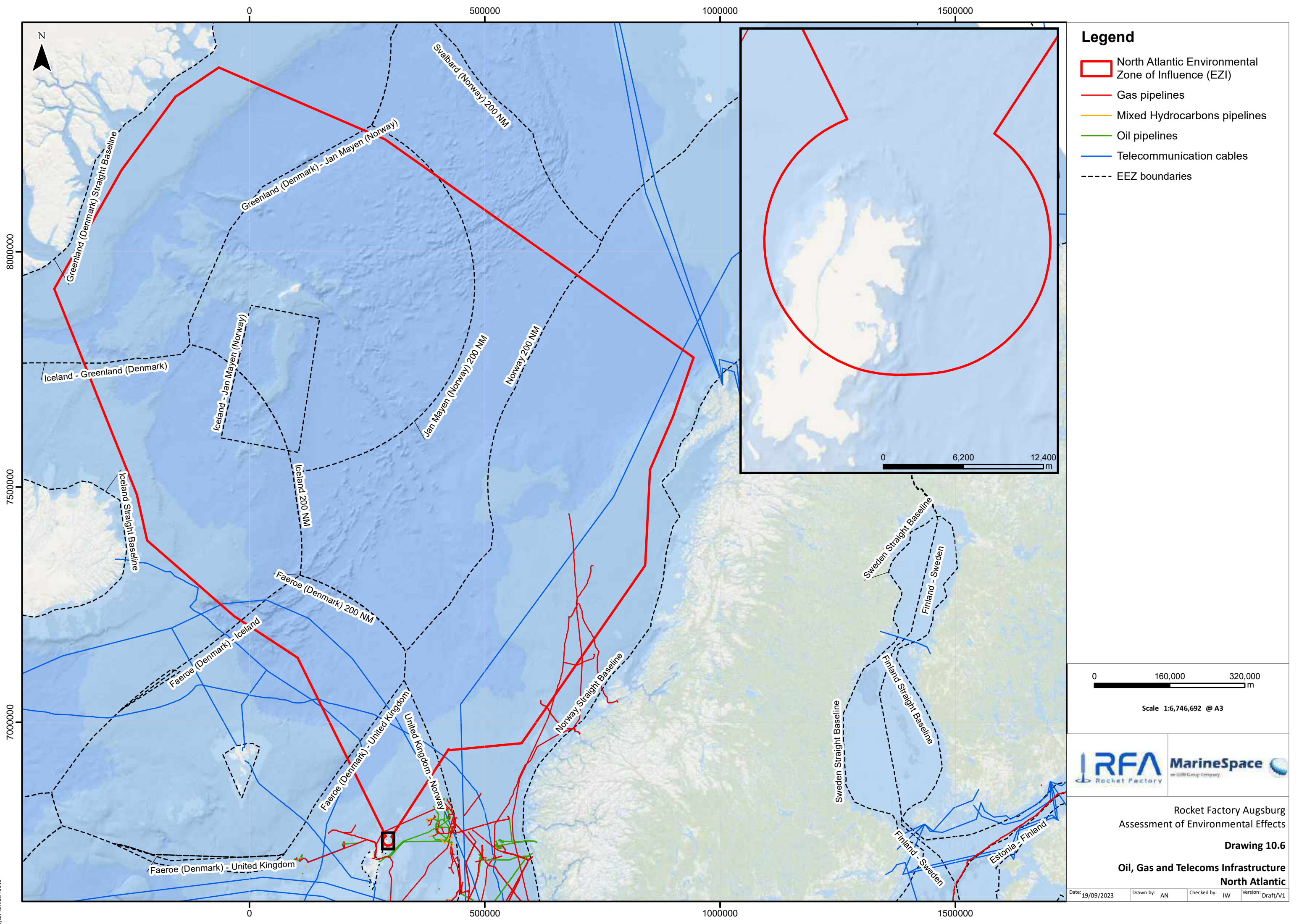
Drawn by: AN

Checked by: IW

Version: Draft/V1

Project Number: 3148
Service Layer Credits: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Chapter 10 Drawing 10.6 North Atlantic Oil and Gas Telecoms Infrastructure



Chapter 11 -