

# Sea Link

Environmental Impact Assessment Scoping Report  
Volume 3 Figures

October 2022

**nationalgrid**

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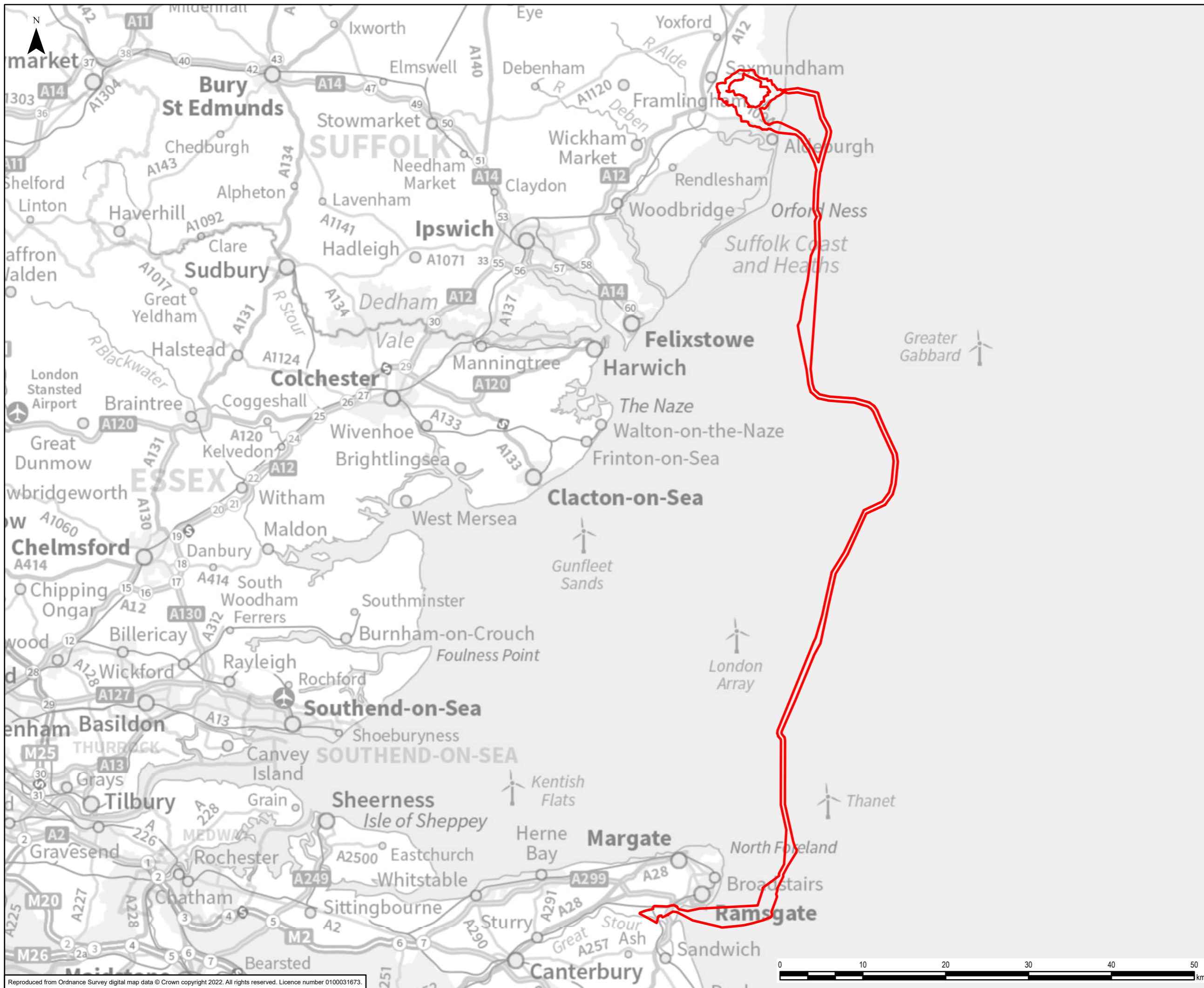
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# Part 1- Introduction



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 Project Scoping Boundary

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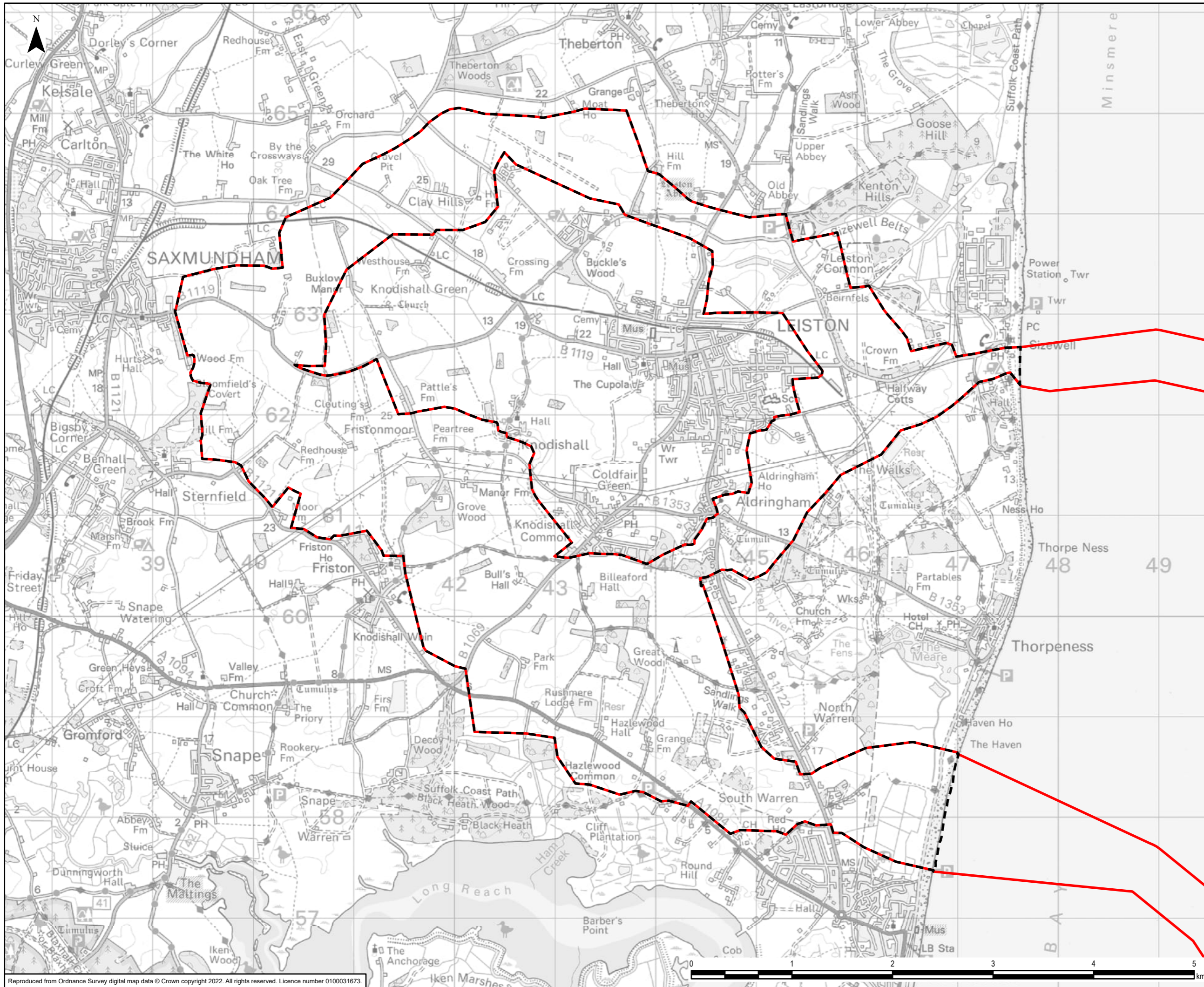
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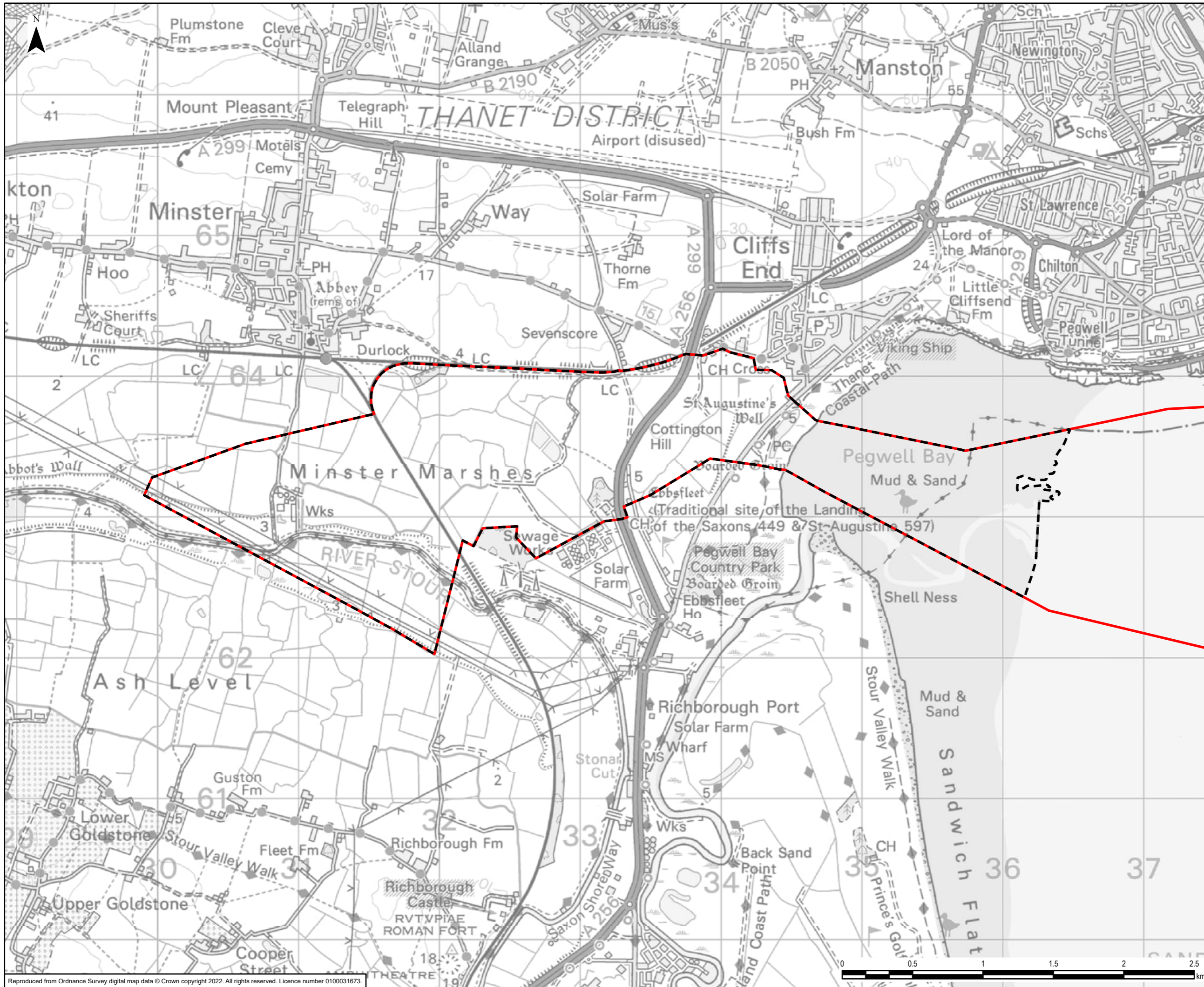


- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary

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- Legend
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary

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**Legend**

- Project Scoping Boundary
- Offshore Scheme Scoping Boundary

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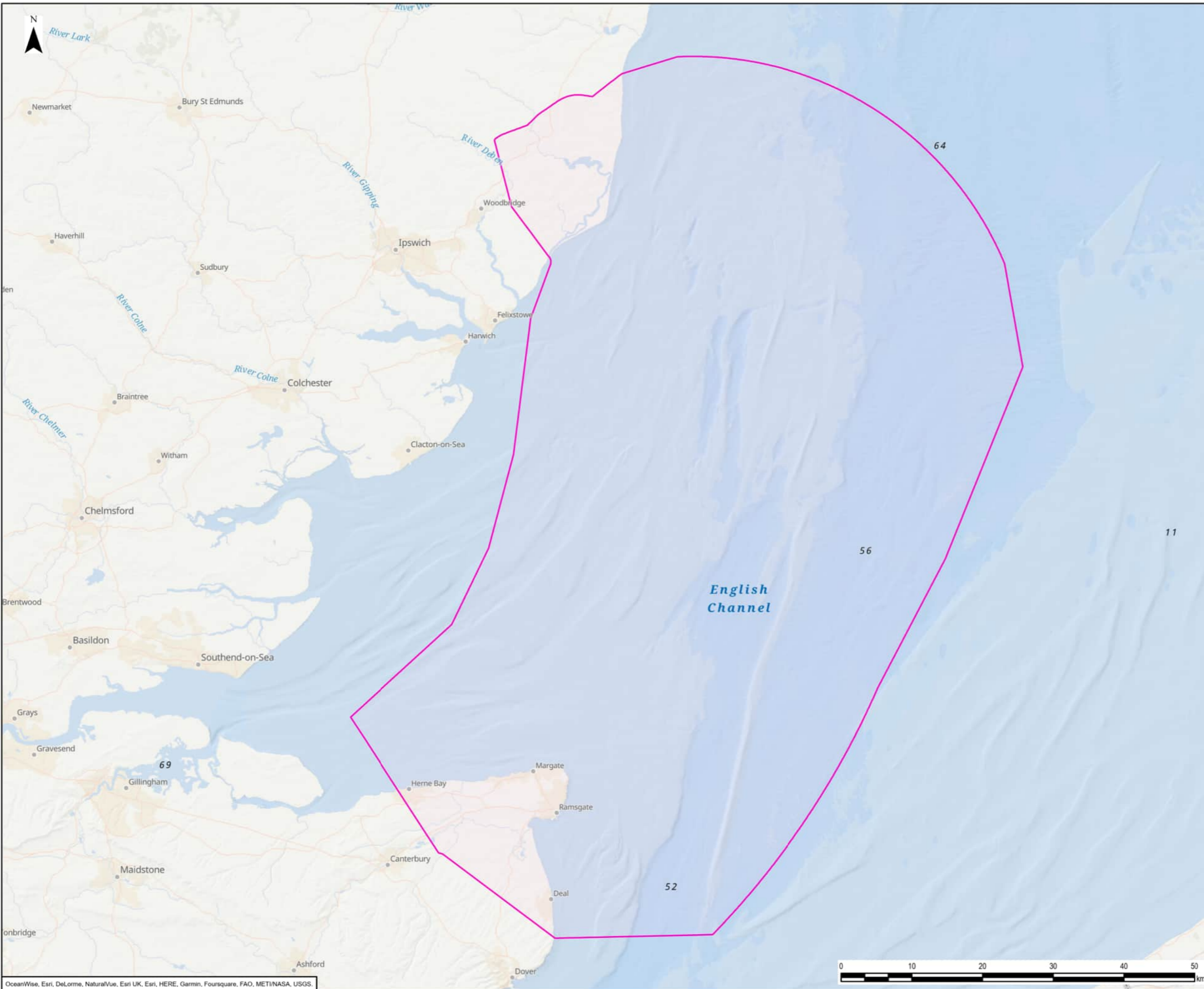
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 Routing and Siting Study Area

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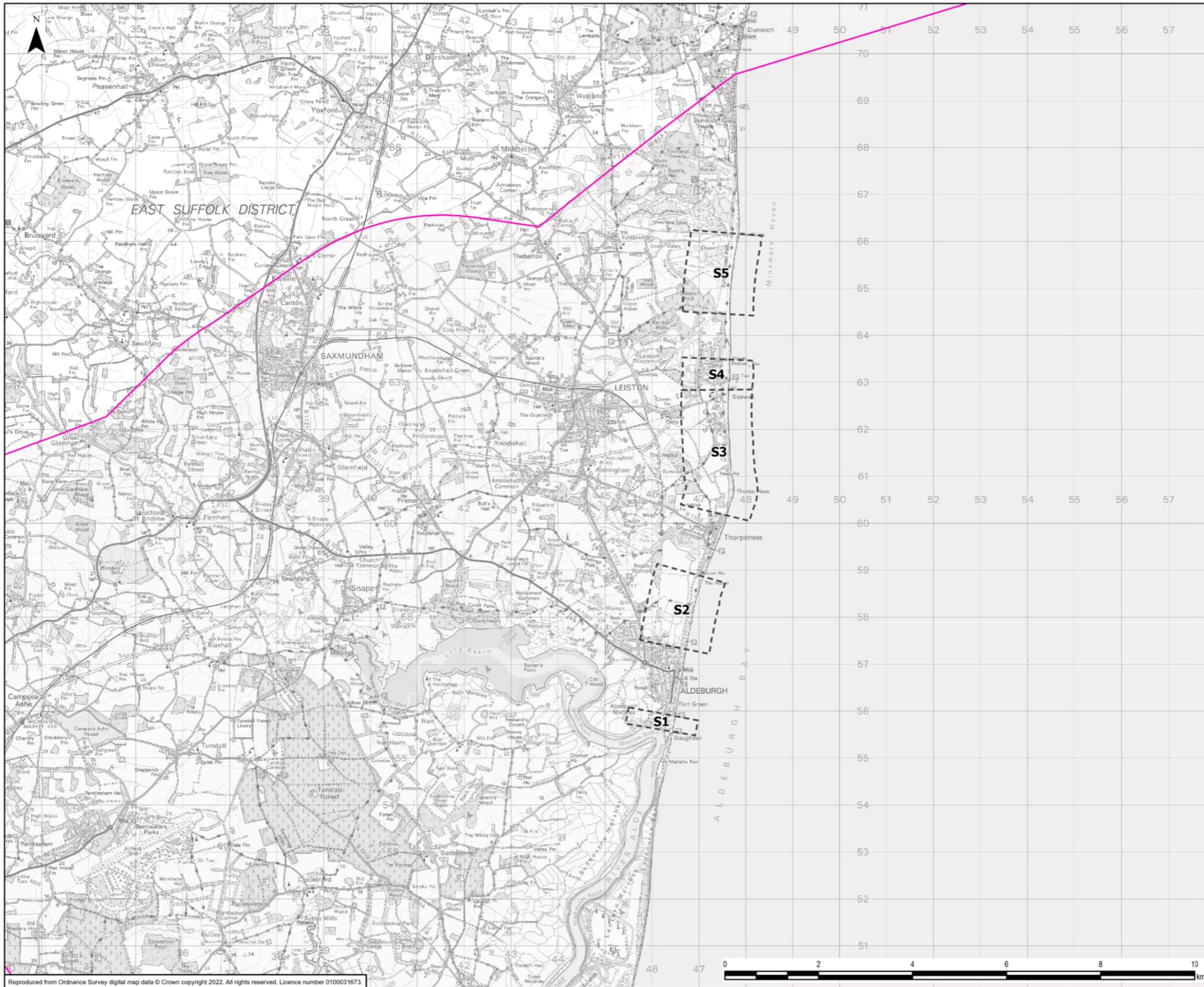
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- Legend**
- Routing and Siting Study Area
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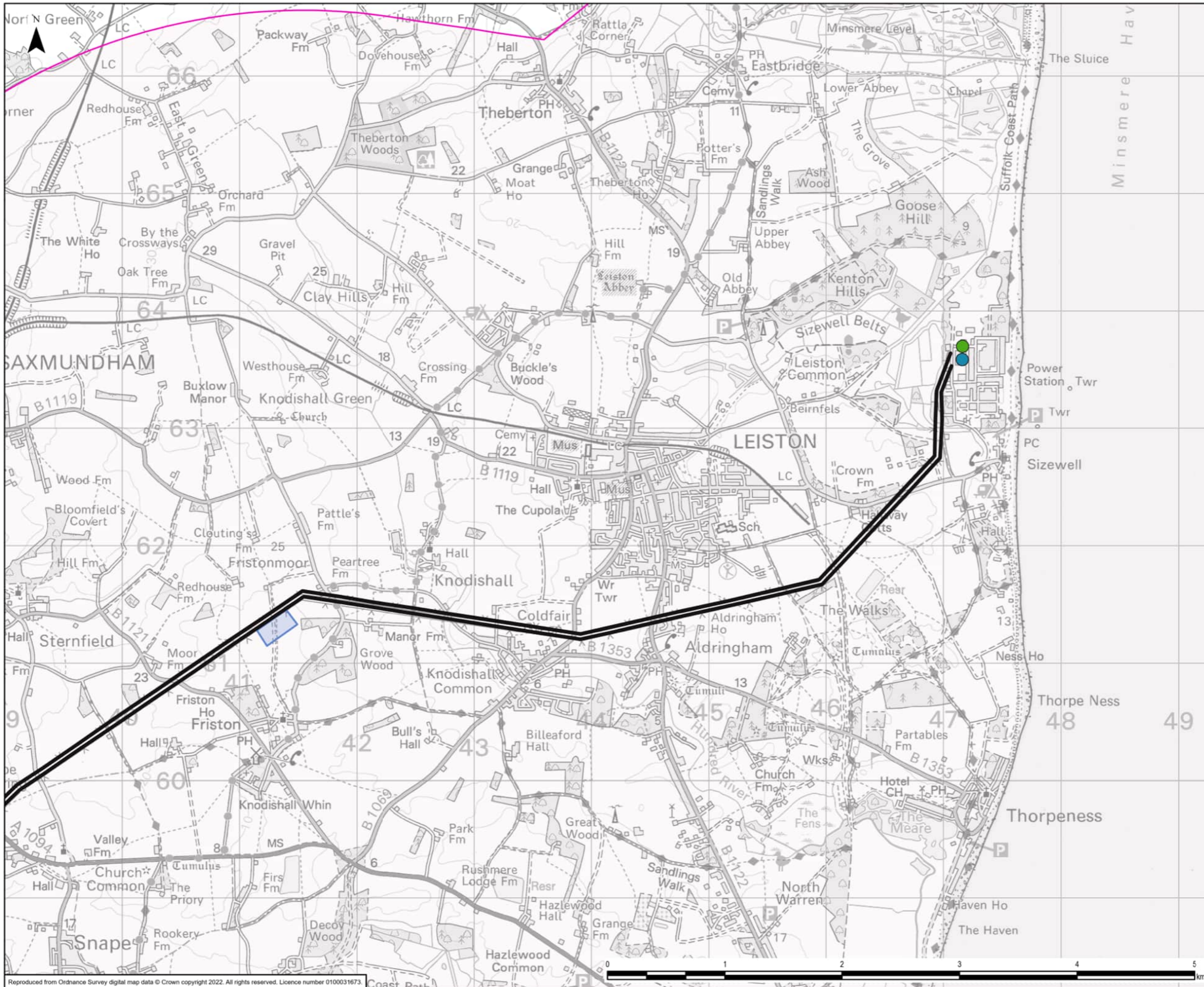
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- Legend**
- Routing and Siting Study Area
  - Landfall Area of Search

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  - Proposed Sizewell Substation
  - Existing Sizewell Substation
  - Proposed Friston Substation

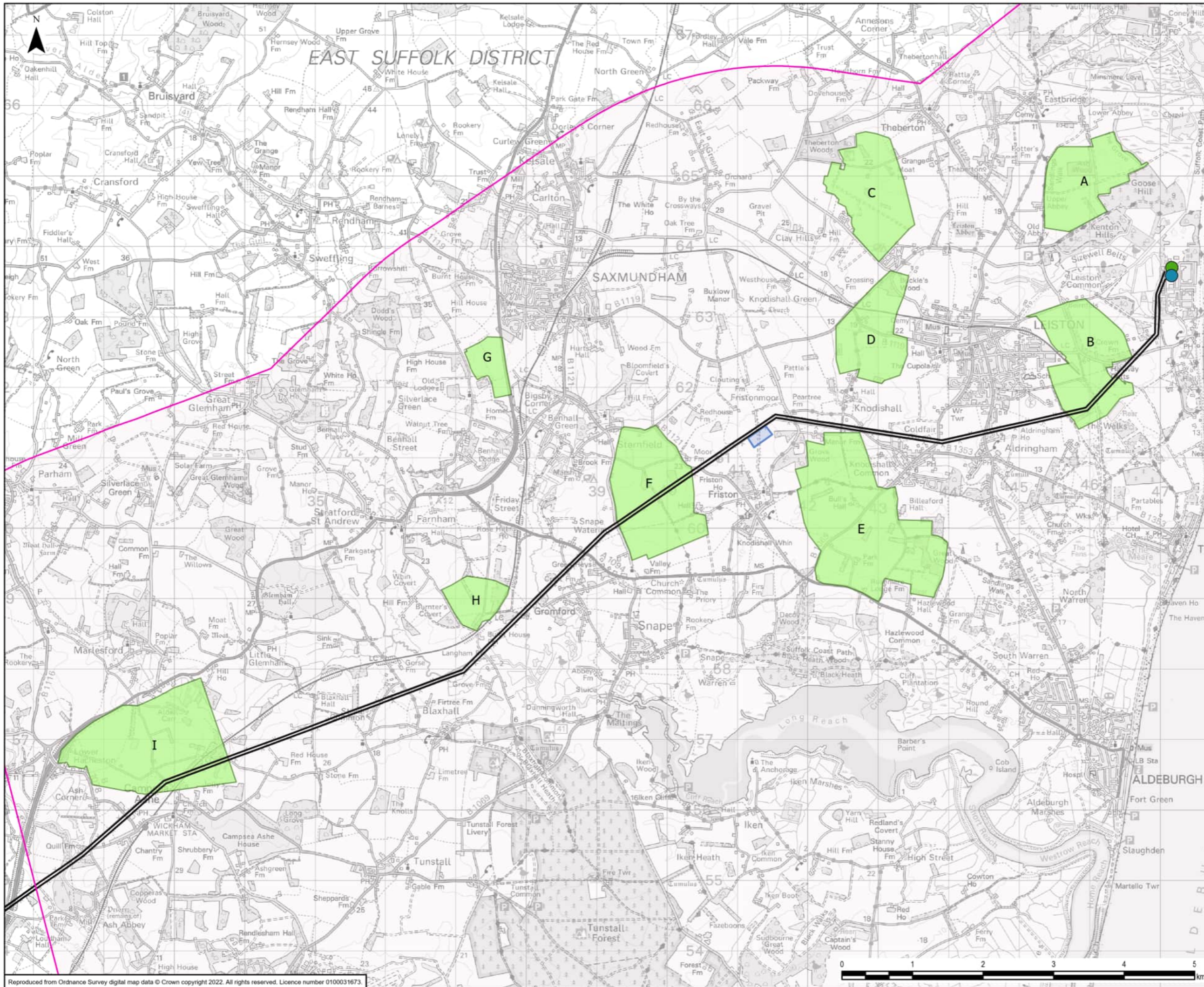
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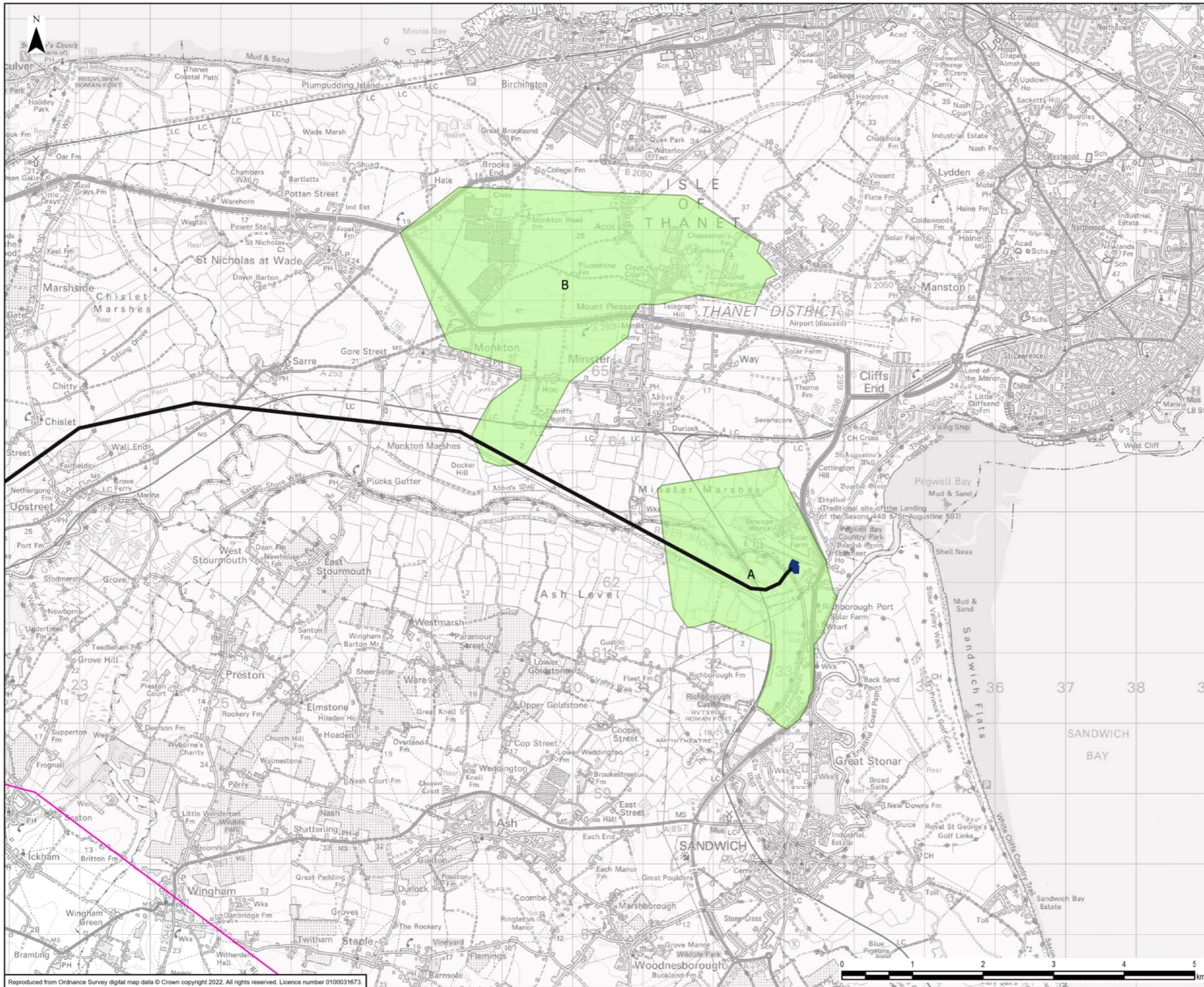


- Legend**
- Routing and Siting Study Area
  - National Grid Overhead Line - 400kV
  - Proposed Sizewell Substation
  - Existing Sizewell Substation
  - Proposed Friston Substation
  - Converter Site Option Areas

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- Legend**
- Routing and Siting Study Area
  - National Grid
  - Overhead Line - 400kV
  - Richborough Substation
  - Converter Site Option Areas

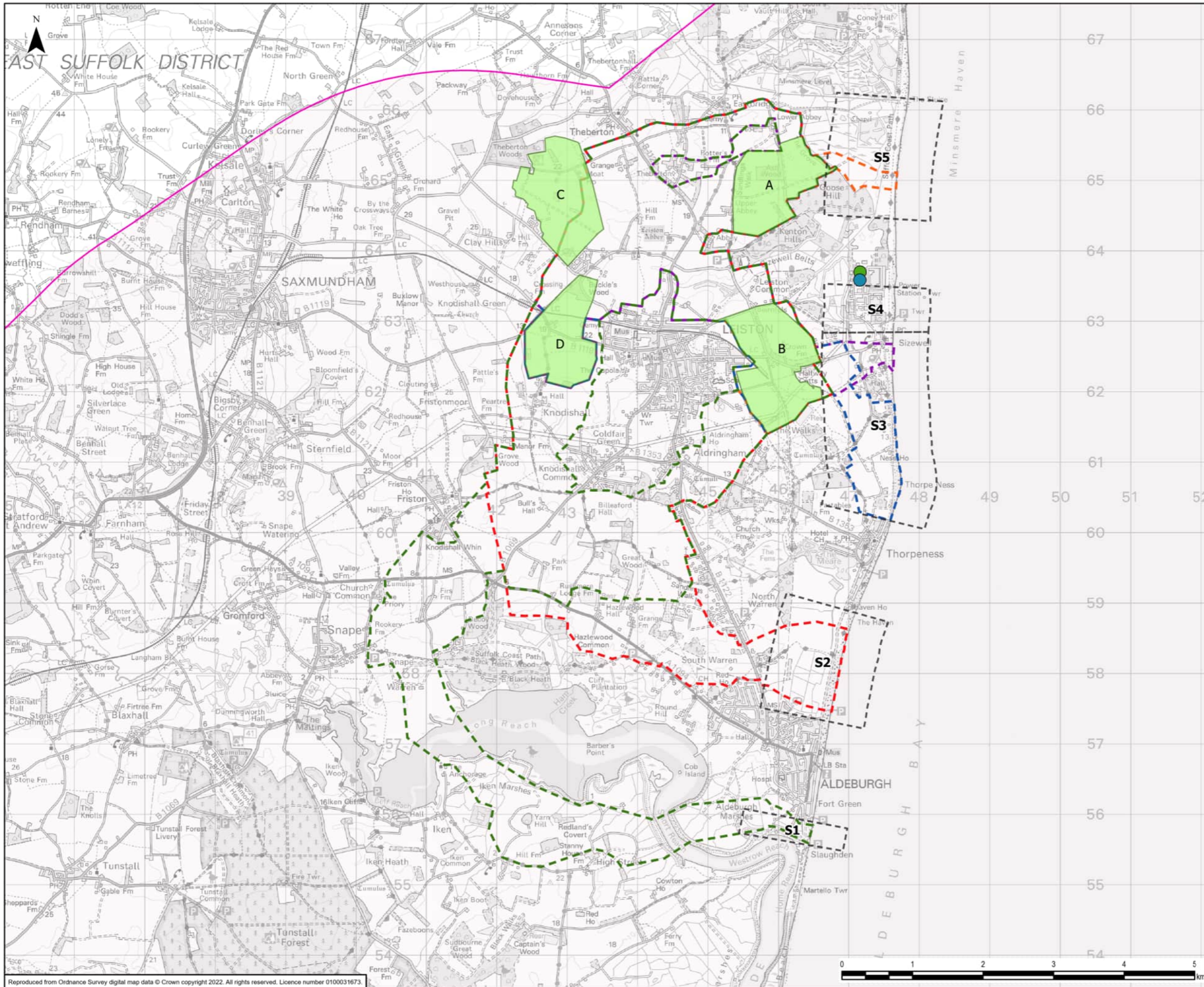
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**Legend**

- Routing and Siting Study Area
- Proposed Sizewell Substation
- Existing Sizewell Substation
- Converter Site Option Areas

**Sizewell Connection Points Terrestrial Corridors**

- Green
- Red
- Blue
- Purple
- Orange
- Landfall Area of Search

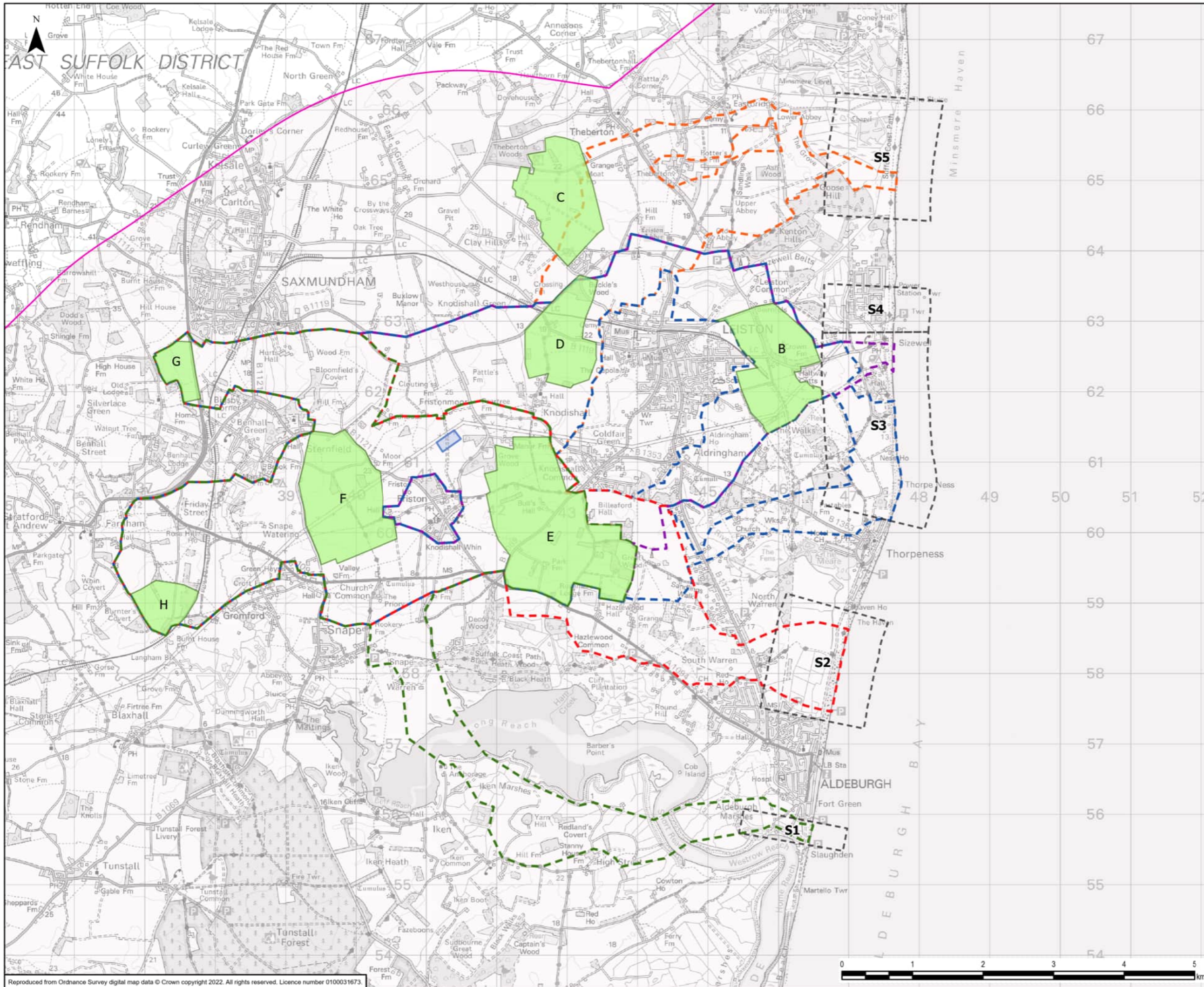
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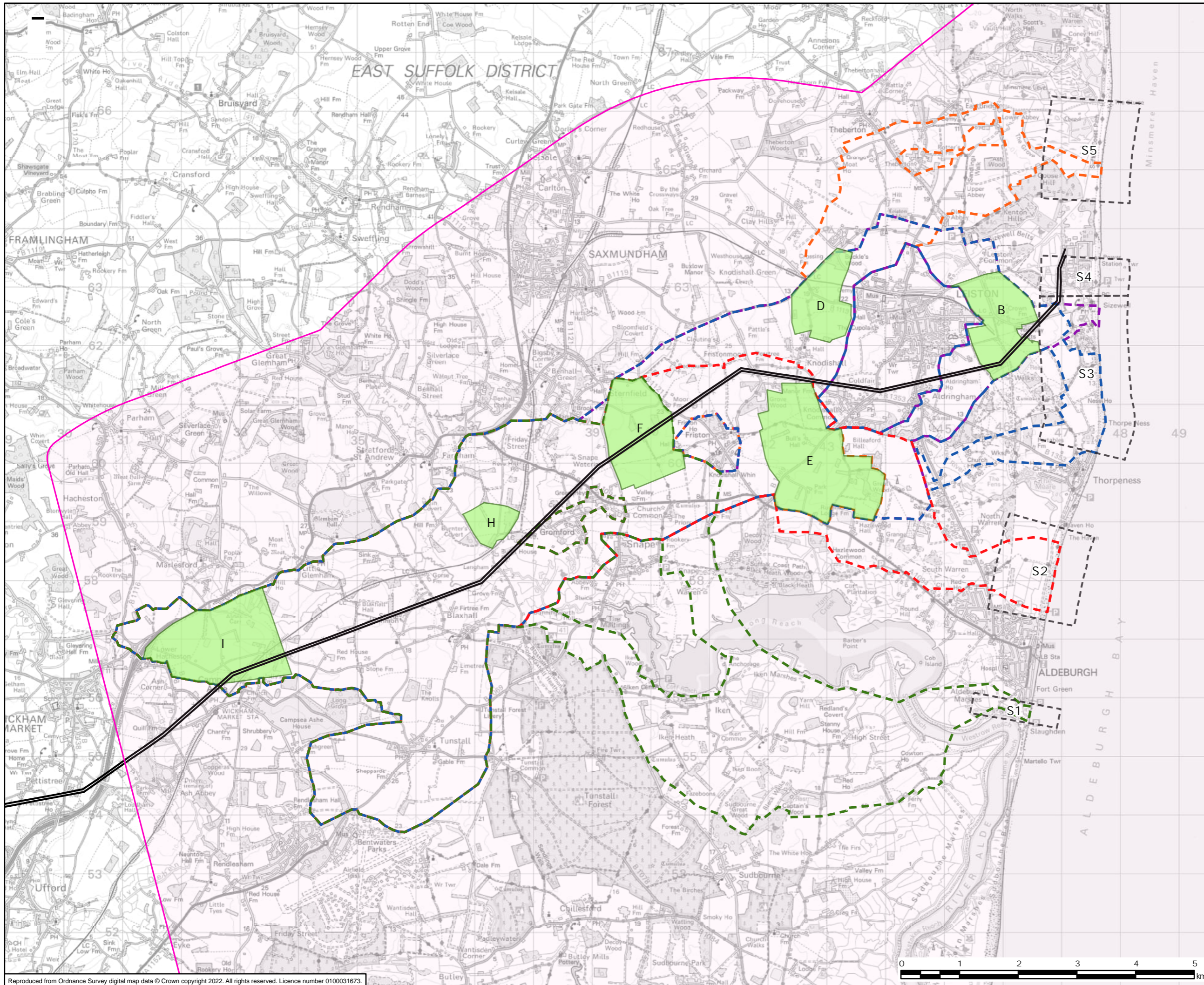
- Routing and Siting Study Area
- Proposed Friston Substation
- Landfall Area of Search
- Converter Site Option Areas

**Proposed Friston Substation Connection Point Terrestrial Corridors**

- Green
- Red
- Blue
- Purple
- Orange

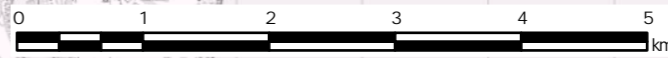
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- Legend**
- Routing and Siting Study Area
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  - Overhead Line - 400kV
  - Landfall Area of Search
  - Converter Site Option Areas
- New Connection Point Terrestrial Corridors**
- Green
  - Red
  - Blue
  - Purple
  - Orange

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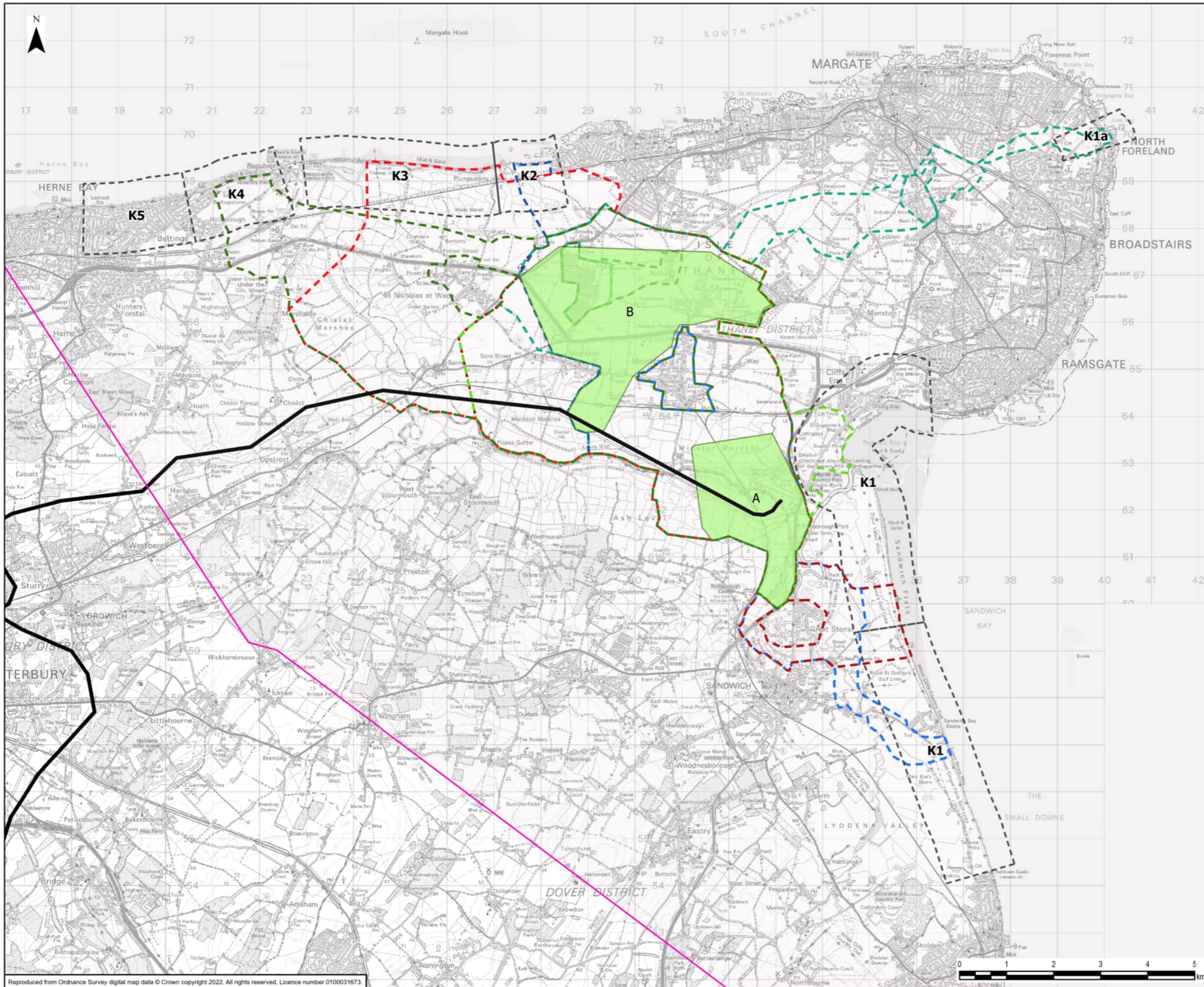
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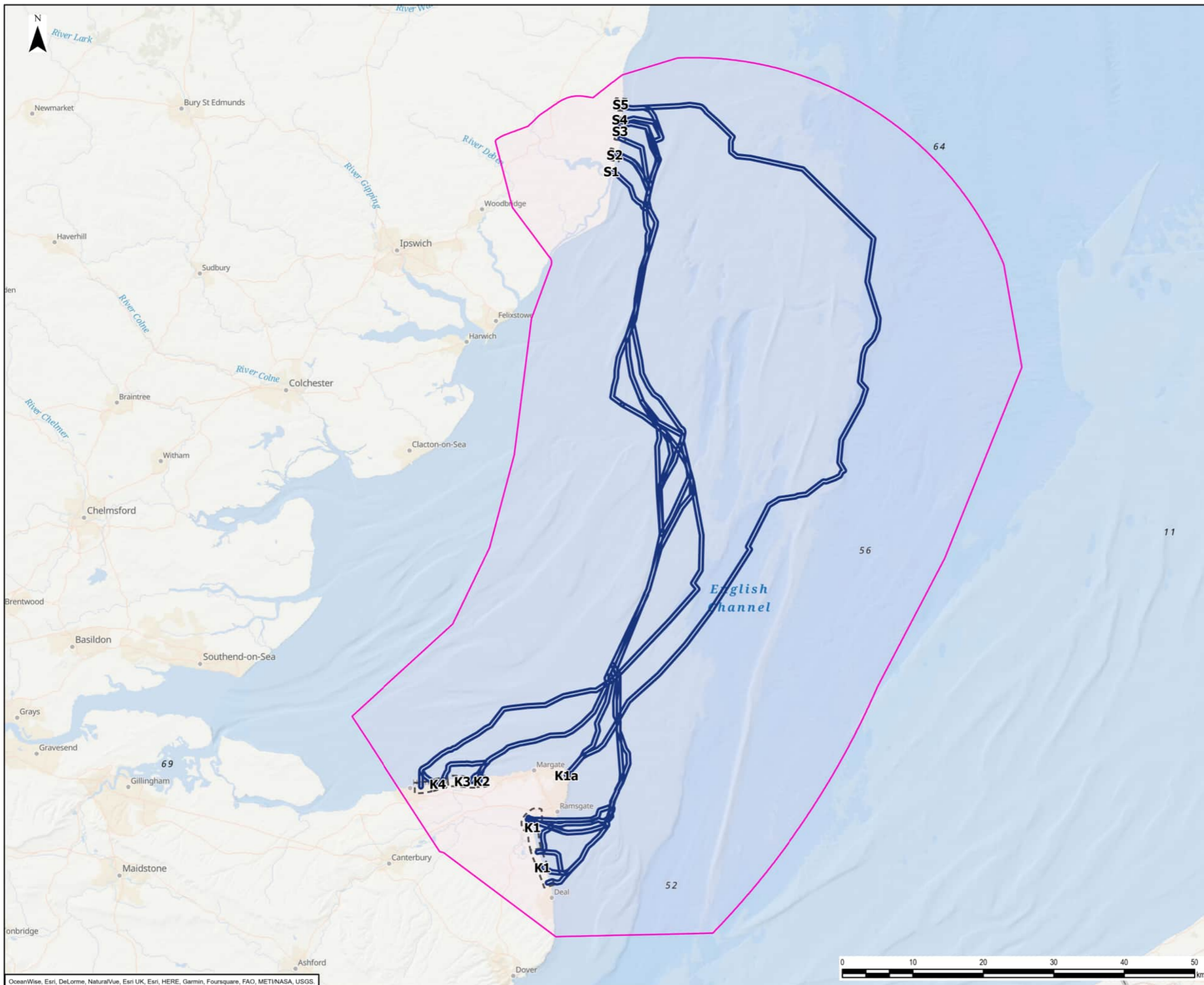
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  - Converter Site Option Areas
  - North Kent Coast Terrestrial Corridors**
  - Green
  - Red
  - Blue
  - Broadstairs Terrestrial Corridor**
  - Green
  - Red
  - Blue
  - Pegwell Bay Terrestrial Corridors**
  - Green
  - Red
  - Blue

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**Legend**

- Routing and Siting Study Area
- Landfall Area of Search
- Marine Final Routes

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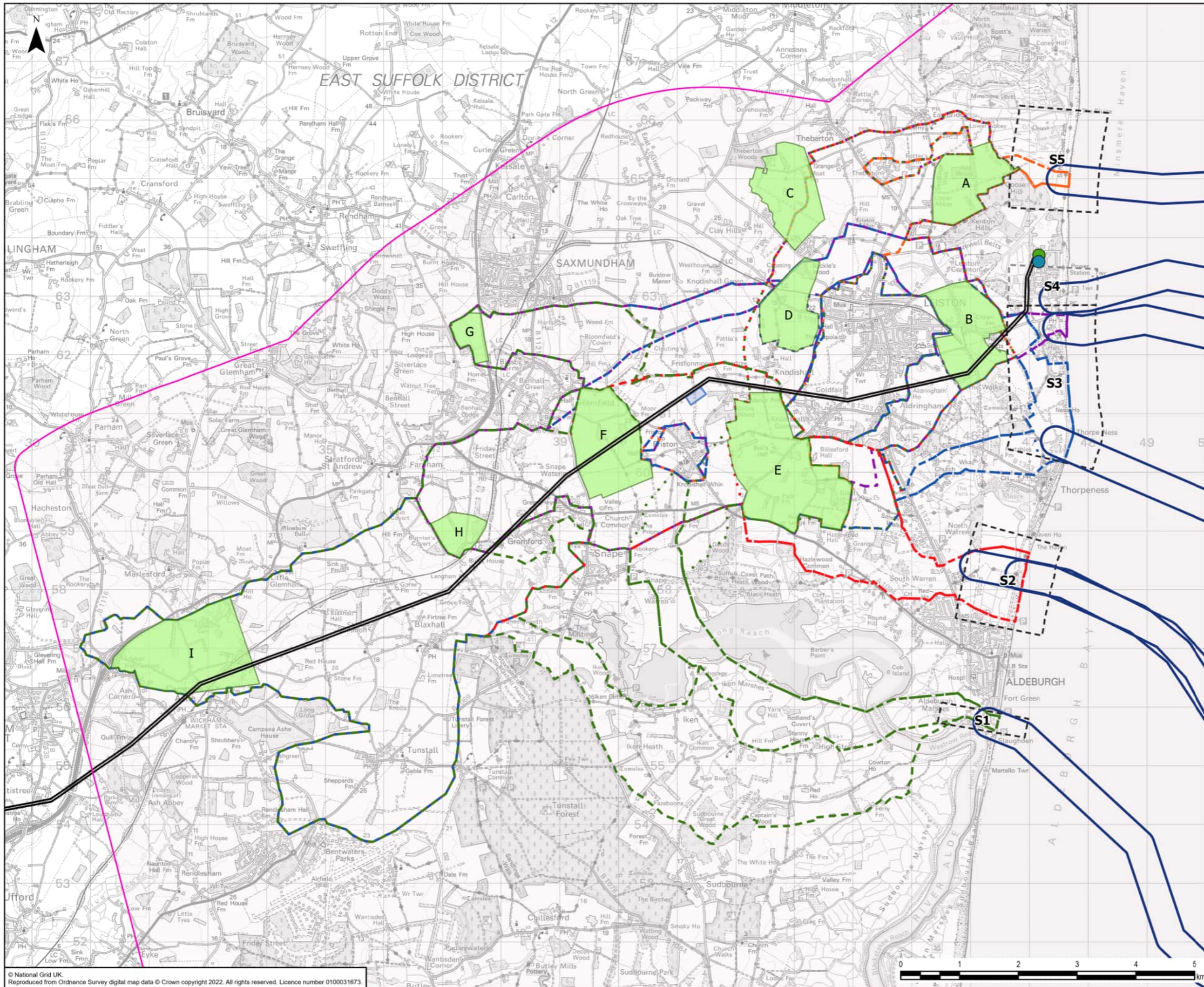
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# Part 2- Suffolk Onshore Scheme



**Legend**

- Routing and Siting Study Area
- National Grid
- Overhead Line - 400kV
- Proposed Sizewell Substation
- Existing Sizewell Substation
- Proposed Friston Substation
- Converter Site Option Areas
- Landfall Area of Search
- Marine Final Routes

**Sizewell Connection Points Terrestrial Corridors**

- Green
- Red
- Blue
- Purple
- Orange

**Proposed Friston Substation Connection Point Terrestrial Corridors**

- Green
- Red
- Blue
- Orange
- Purple

**New Connection Point Terrestrial Corridors**

- Green
- Red
- Blue
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- Purple

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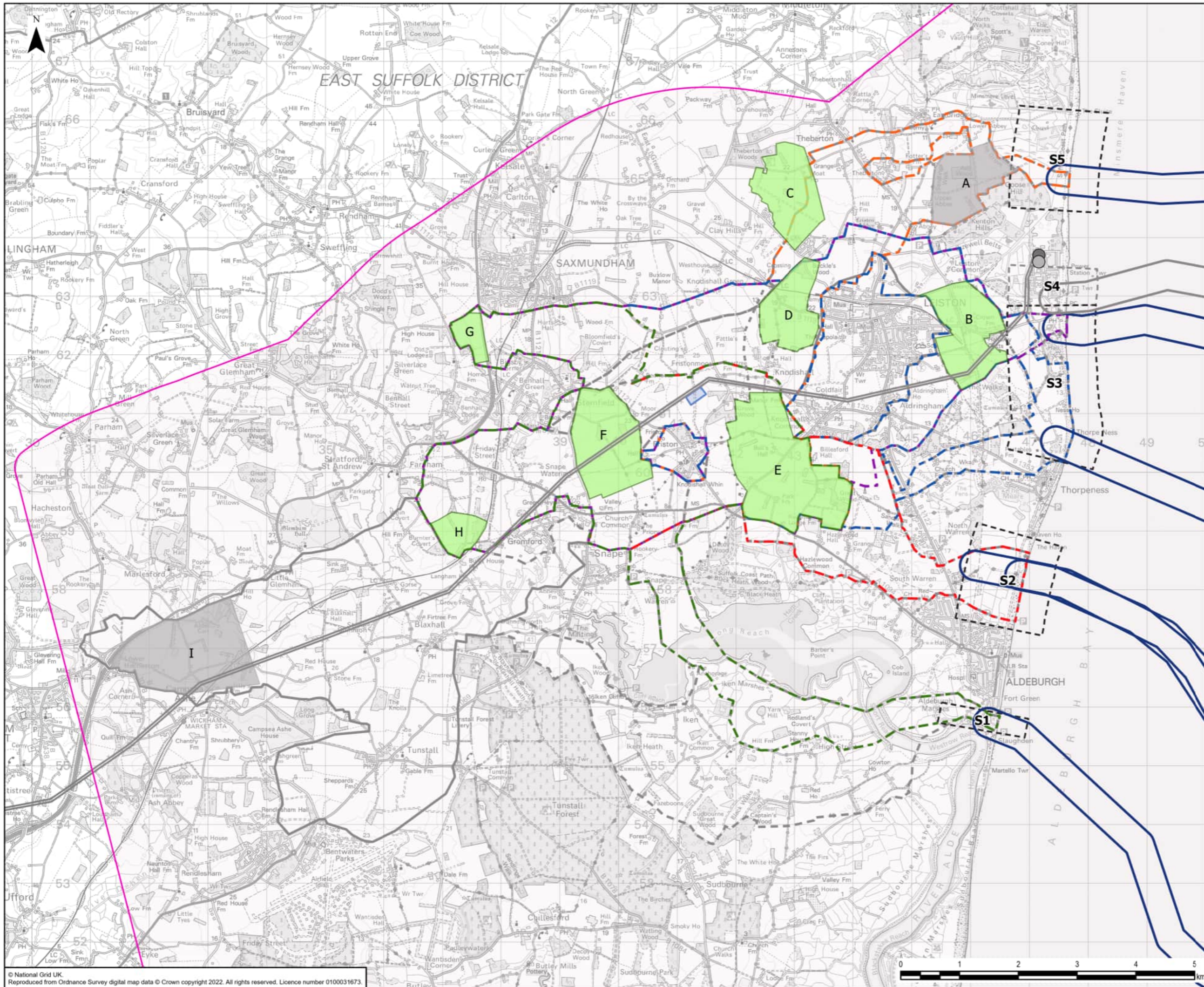
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- Legend**
- Routing and Siting Study Area
  - National Grid
  - Overhead Line - 400kV
  - Proposed Sizewell Substation
  - Existing Sizewell Substation
  - Proposed Friston Substation
  - Converter Site Option Areas
  - Landfall Area of Search
  - Marine Final Routes
  - Sizewell Connection Point Terrestrial Corridors**
  - Green
  - Red
  - Blue
  - Purple
  - Orange
  - Proposed Friston Substation Connection Point Terrestrial Corridors**
  - Green
  - Red
  - Blue
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  - Green
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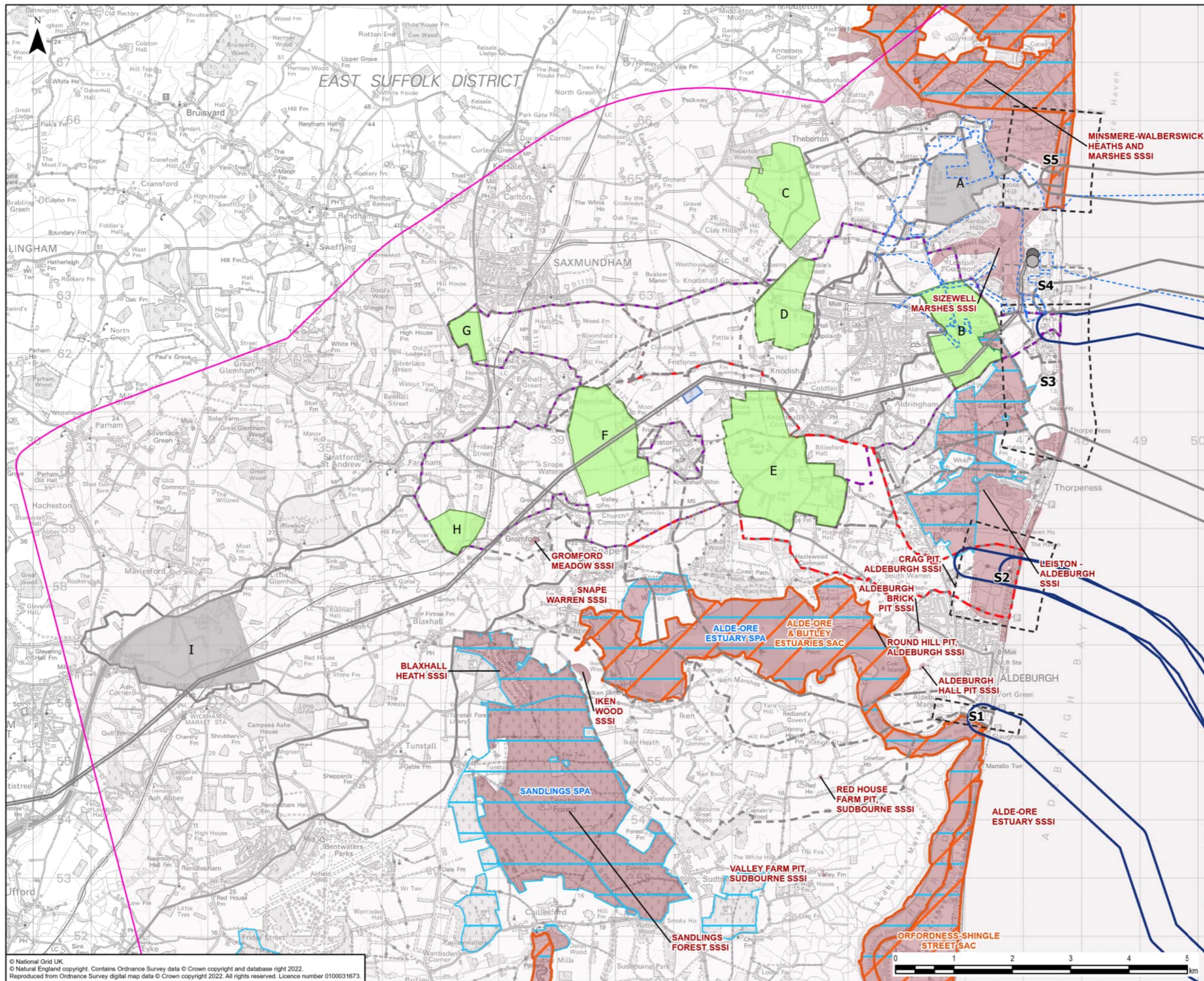
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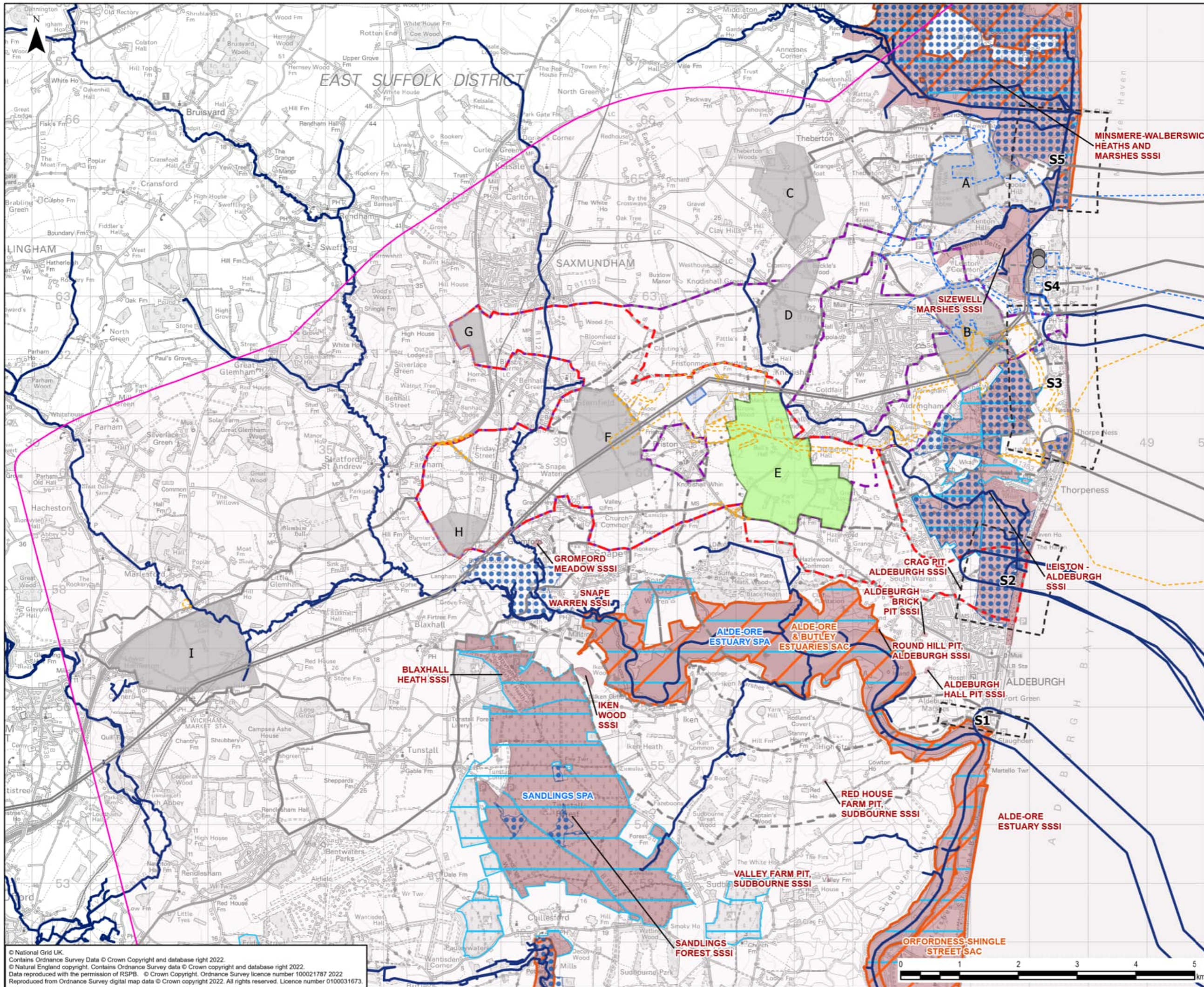




- Legend**
- Routing and Siting Study Area
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  - Existing Sizewell Substation
  - Proposed Friston Substation
  - Converter Site Option Areas
  - Landfall Area of Search
  - Marine Final Routes
  - Sizewell Connection Points Terrestrial Corridors**
  - Green
  - Red
  - Blue
  - Purple
  - Orange
  - Proposed Friston Substation Connection Point Terrestrial Corridors**
  - Green
  - Red
  - Blue
  - Orange
  - Purple
  - New Connection Point Terrestrial Corridors**
  - Green
  - Red
  - Blue
  - Orange
  - Purple
  - Special Area of Conservation (SAC)
  - Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)
  - Proposed Sizewell C Nuclear Power Station Order Limits

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**Legend**

- Routing and Siting Study Area
- National Grid Overhead Line - 400kV
- Proposed Sizewell Substation
- Existing Sizewell Substation
- Proposed Friston Substation
- Converter Site Option Areas
- Landfall Area of Search
- Marine Final Routes

**Sizewell Connection Points Terrestrial Corridors**

- Green
- Red
- Blue
- Purple
- Orange

**Proposed Friston Substation Connection Point Terrestrial Corridors**

- Green
- Red
- Blue
- Orange
- Purple

**New Connection Point Terrestrial Corridors**

- Green
- Red
- Blue
- Orange
- Purple

- Special Area of Conservation (SAC)
- Special Protection Area (SPA)
- Site of Special Scientific Interest (SSSI)
- RSPB Reserve
- Rivers
- Proposed Sizewell C Nuclear Power Station Order Limits
- East Anglia One North & Two Order Limits

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Rev	Date	Description	GIS	Chk	App

**nationalgrid**

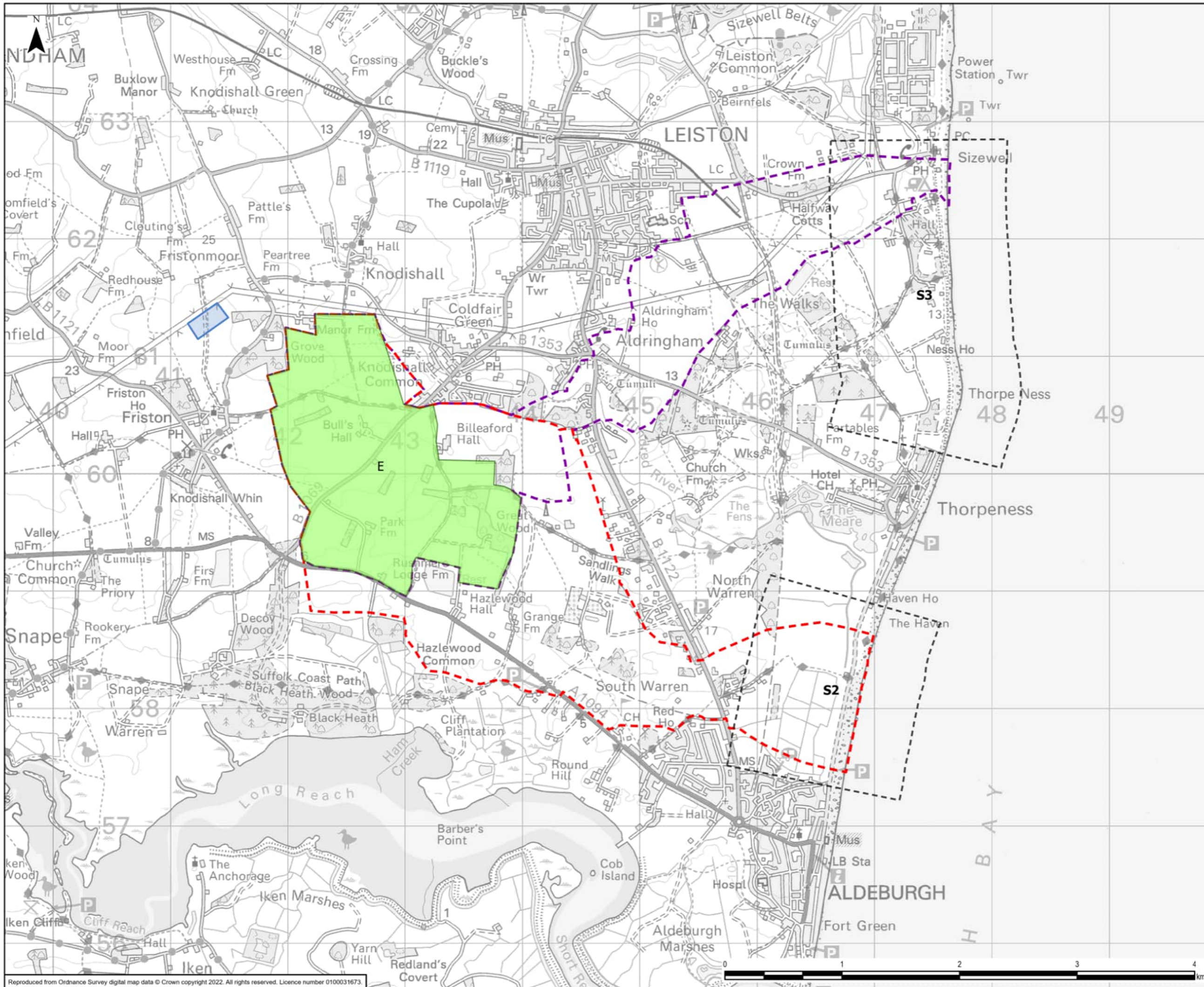
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Document Title: EVOLUTION OF THE SUFFOLK ONSHORE SCHEME - SHEET 4 OF 4

Creator: EB	Date: 21/07/2022	Checker: DF	Date: 21/07/2022	Approver: CC	Date: 21/07/2022
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Document Ref: FIGURE 2.1.1	Scale: 1:60,000	Format: A3	Sheets: 1	Rev: 0
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- Legend**
- Proposed Friston Substation
  - Converter Site Option Areas
  - Landfall Area of Search
- Proposed Friston Substation Connection Point Terrestrial Corridors**
- Red
  - Purple

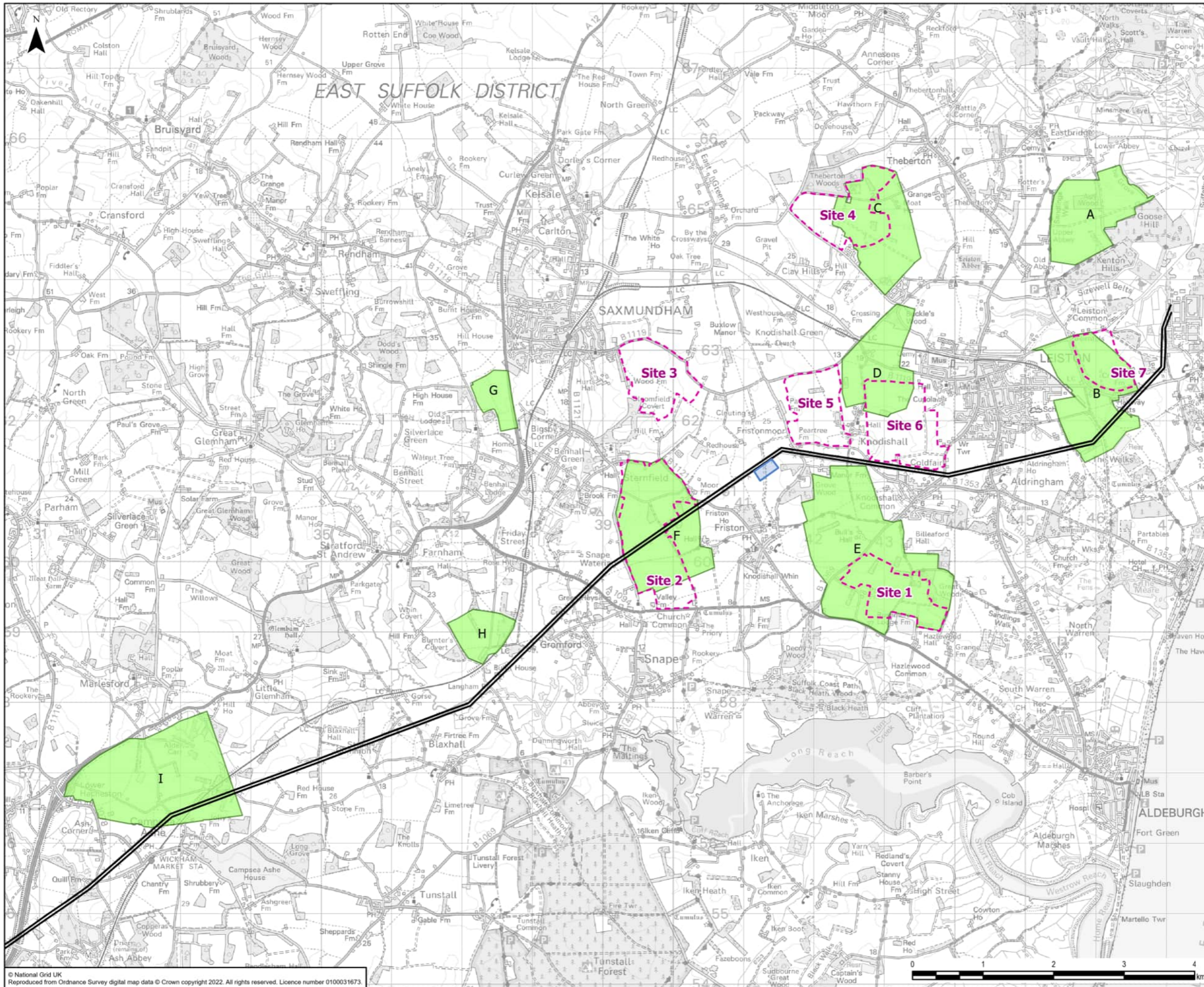
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Rev	Date	Description	GIS	Chk	App

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Document Ref: FIGURE 2.1.2	Scale: 1:30,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- National Grid
  - Overhead Line - 400kV
  - Proposed Friston Substation
  - Converter Site Option Areas
  - Potential Coordinated Converter Station Sites

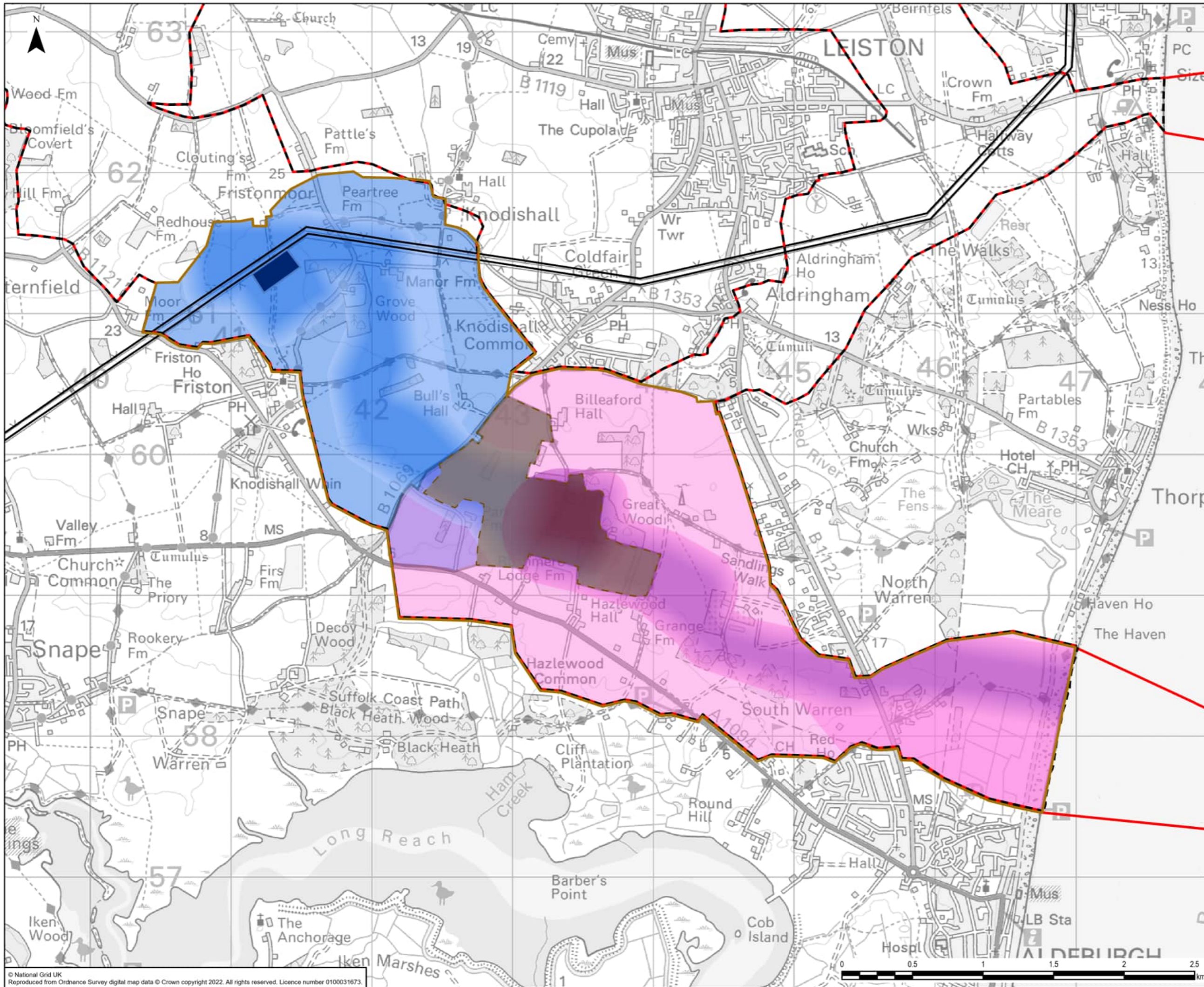
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Document Ref: FIGURE 2.1.3	Scale: 1:50,000	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - National Grid Overhead Line - 400kV
  - Proposed Friston Substation
  - Suffolk Site 1 Emerging Preference Boundary
  - Suffolk Converter Site 1 Emerging Preference - Option Area
  - Suffolk Converter Site 1 Emerging Preference - Graduated Swathe
  - HVDC Corridor Graduated Swathe
  - HVAC Corridor Graduated Swathe
  - HVDC Corridor
  - HVAC Corridor

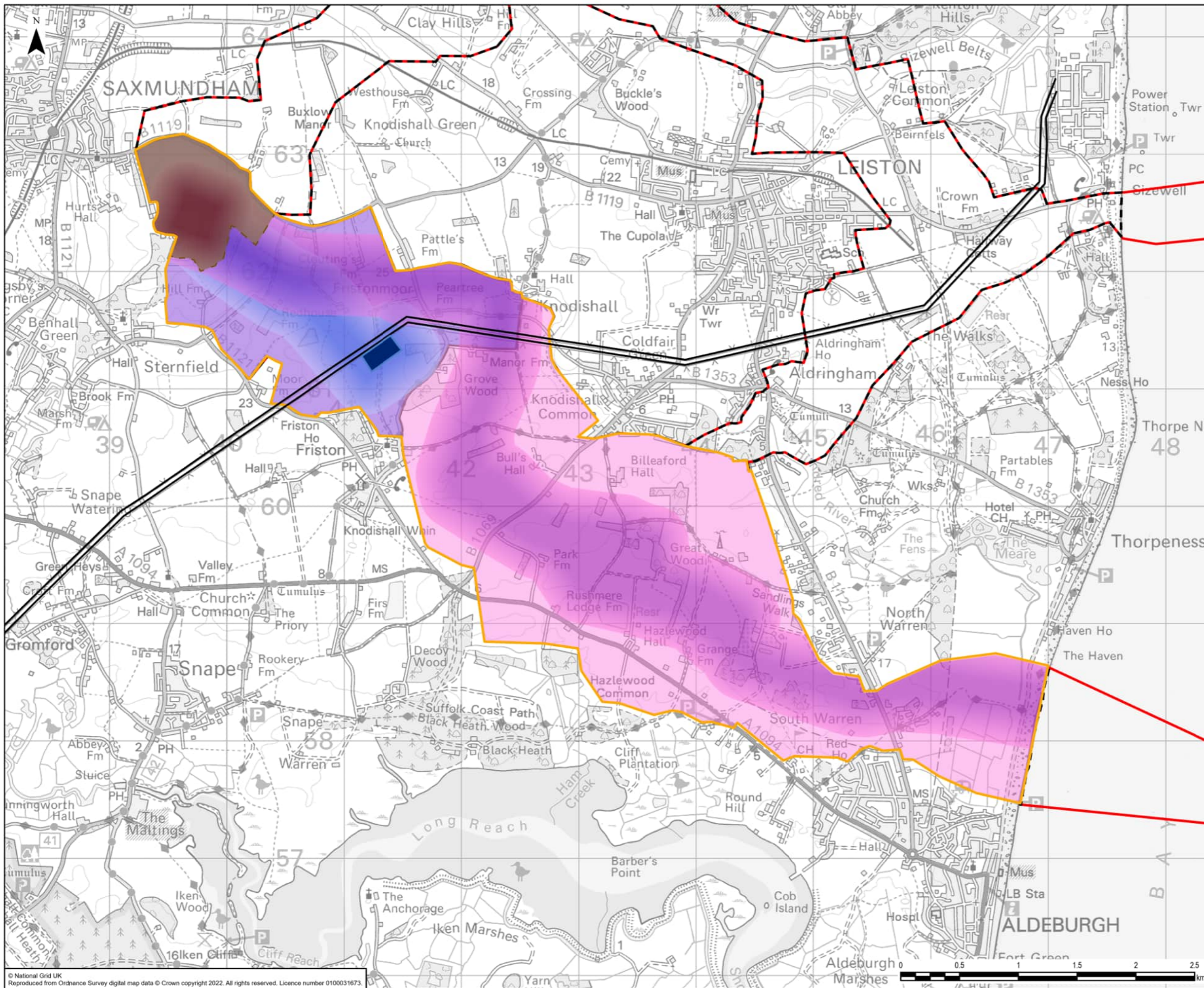
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Document Ref: FIGURE 2.1.4	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - National Grid Overhead Line - 400kV
  - Proposed Friston Substation
  - Suffolk Site 3 Emerging Preference Boundary
  - Update Consultation Suffolk Converter Site Option Site 3
  - Suffolk Converter Site 3 Emerging Preference
  - HVDC Corridor Graduated Swathe
  - HVAC Corridor Graduated Swathe
  - HVAC Corridor
  - HVDC Corridor

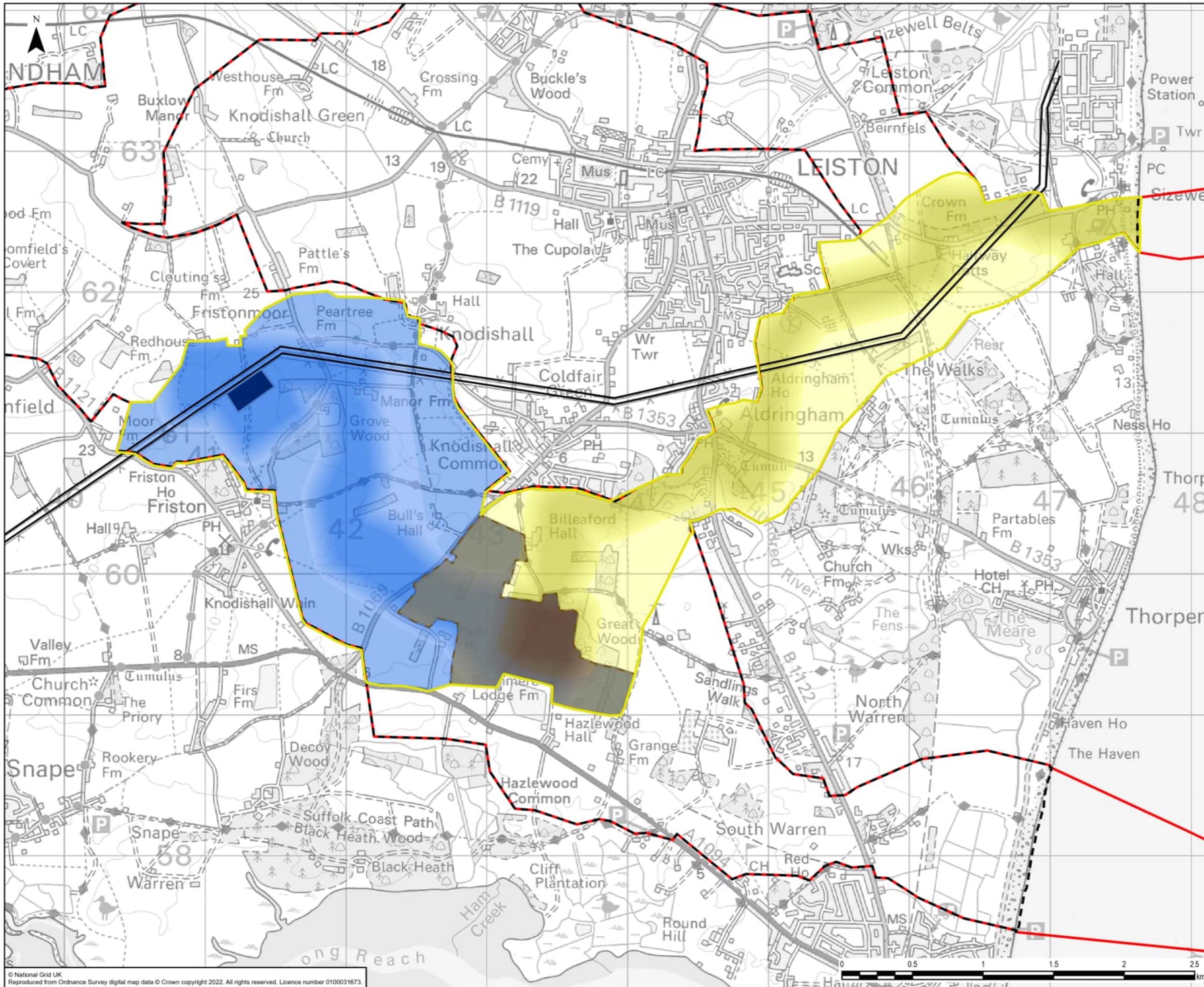
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Document Ref: FIGURE 2.1.5	Scale: 1:30,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - National Grid Overhead Line - 400kV
  - Proposed Friston Substation
  - Suffolk Site 1 Alternative Boundary
  - Suffolk Converter Site 1 Emerging Preference - Option Area
  - Suffolk Converter Site 1 Emerging Preference - Graduated Swathe
  - HVAC Corridor Graduated Swathe
  - Alternative HVDC Corridor Graduated Swathe
  - HVAC Corridor
  - Alternative HVDC Corridor

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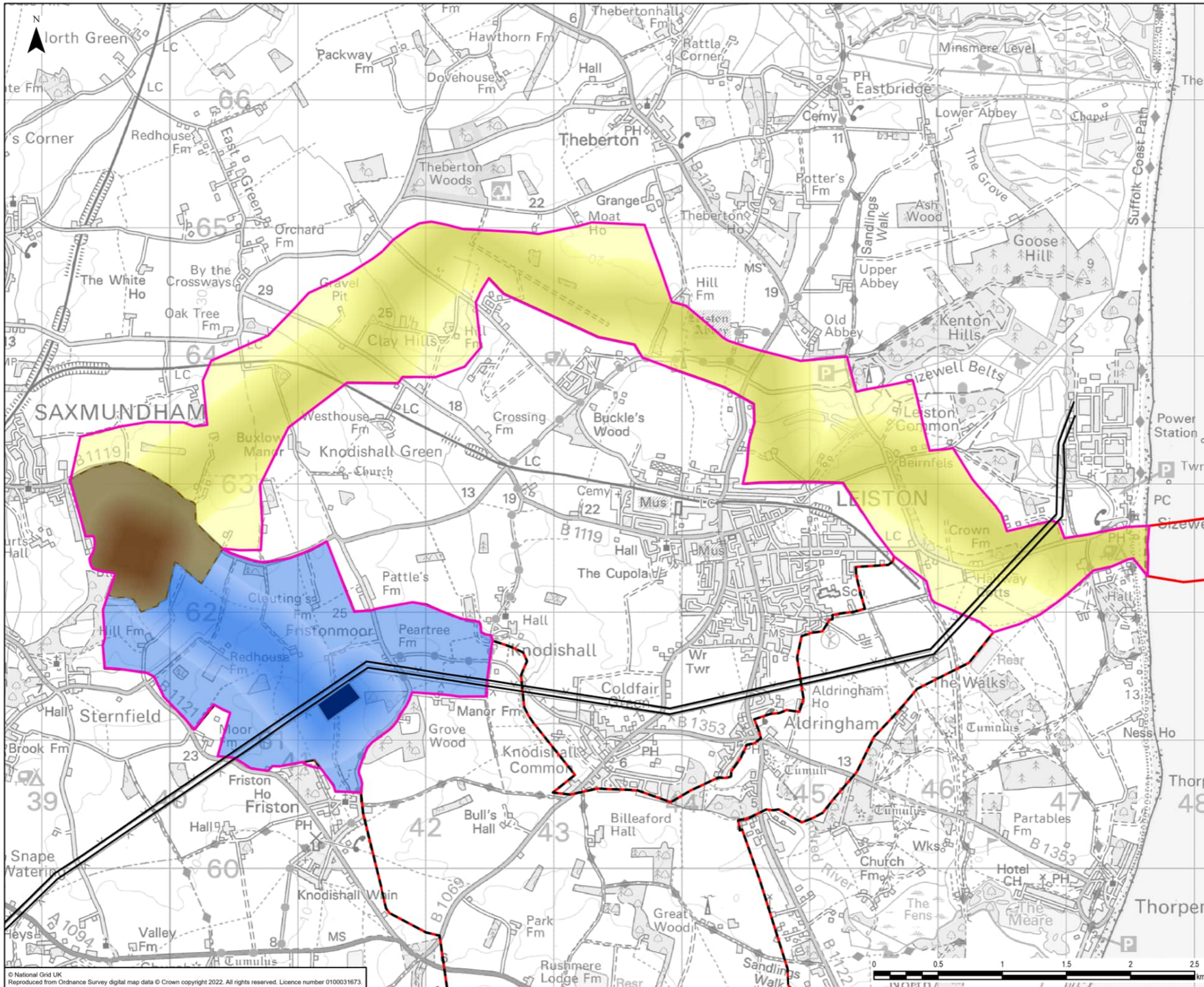
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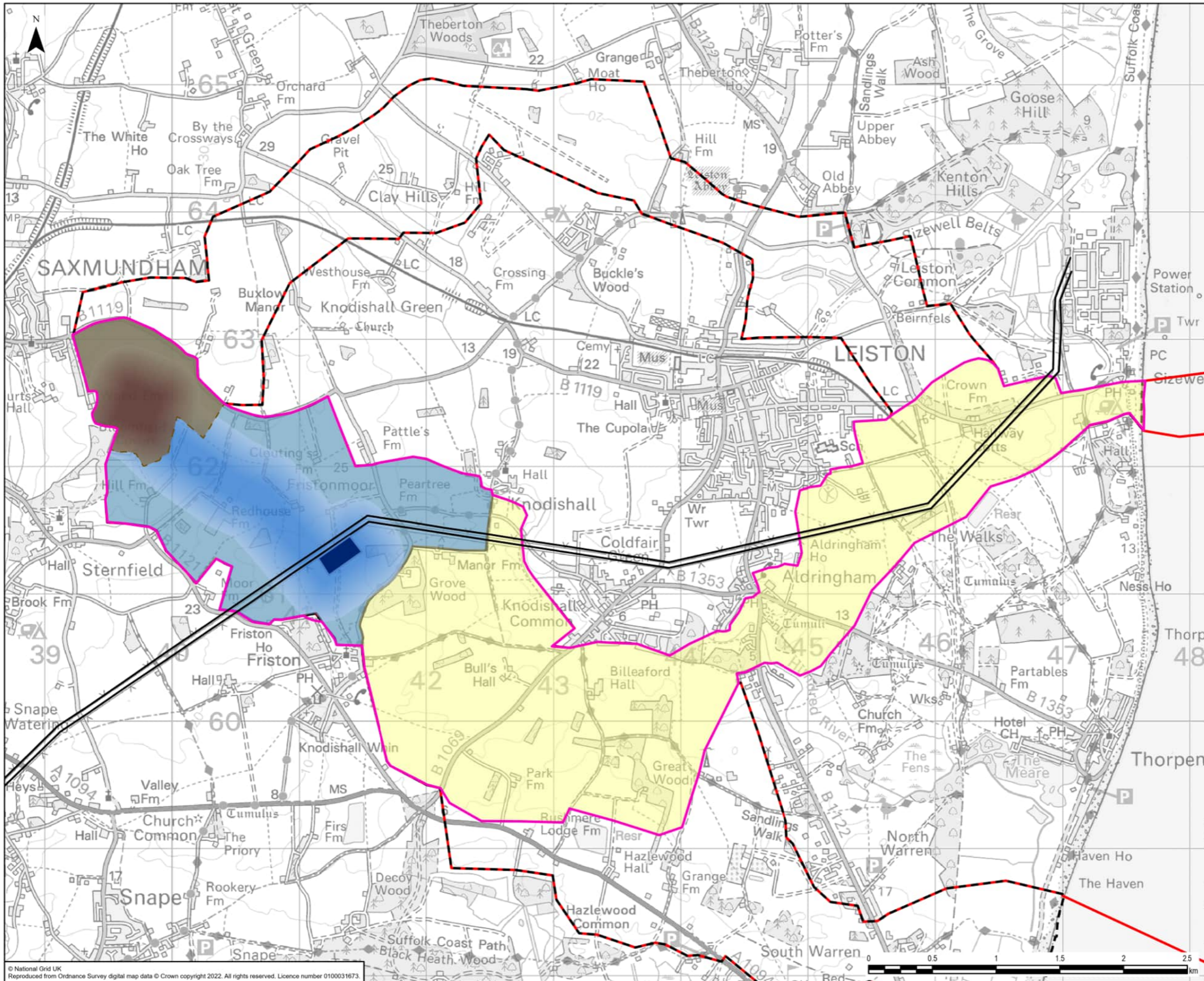
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Document Ref: FIGURE 2.1.6	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - National Grid Overhead Line - 400kV
  - Proposed Friston Substation
  - Suffolk Site 3 Alternative Option 1 Boundary
  - Update Consultation Suffolk Converter Site Option Site 3
  - Suffolk Converter Site 3 Emerging Preference
  - HVAC Corridor Graduated Swathe
  - Alternative HVDC Corridor Graduated Swathe
  - HVAC Corridor
  - Alternative HVDC Corridor

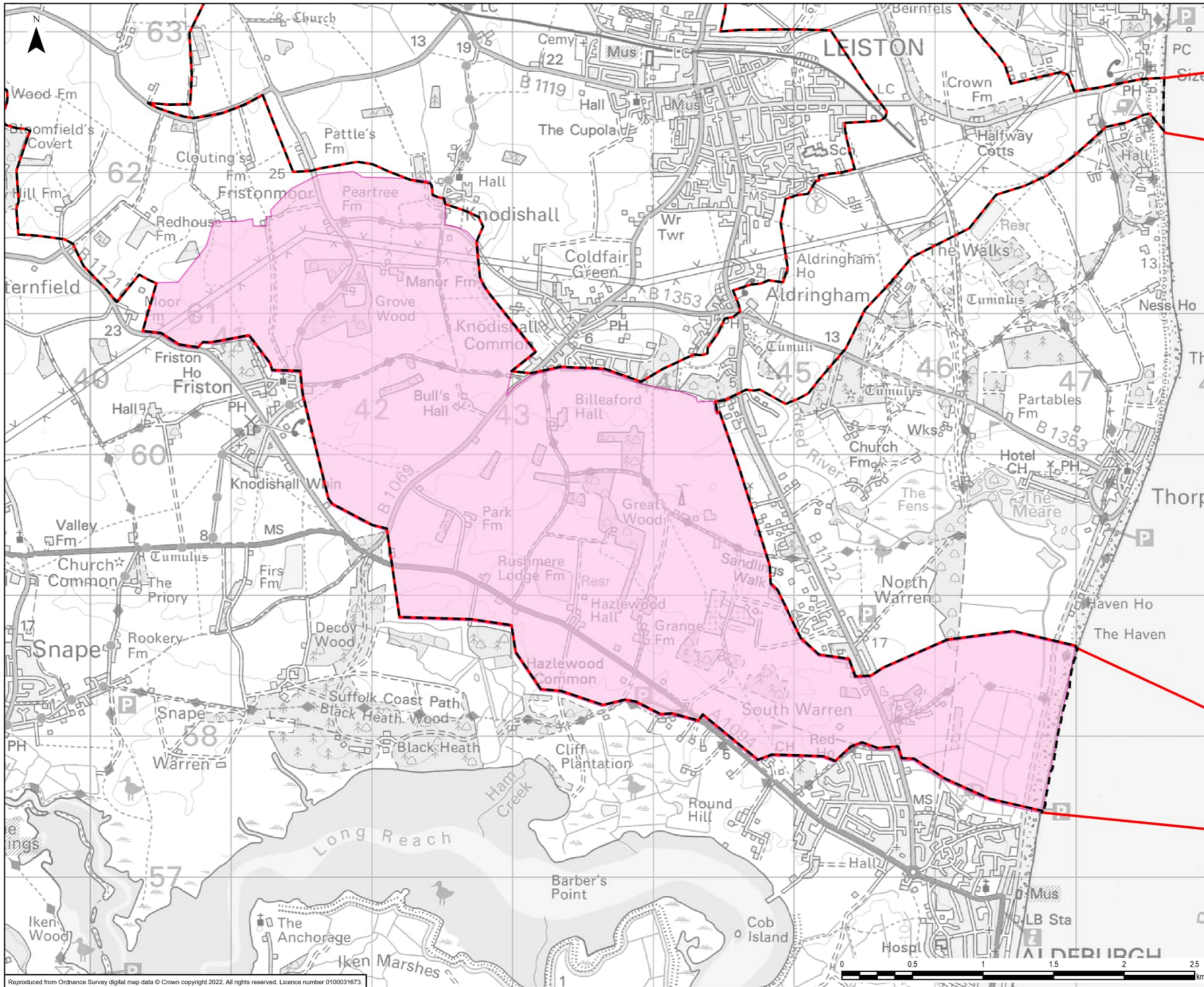
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Document Ref: FIGURE 2.1.7	Scale: 1:27,500	Format: A3	Sheets: 1	Rev: 0	





- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - National Grid Overhead Line - 400kV
  - Proposed Friston Substation
  - Suffolk Site 3 Alternative Option 2 Boundary
  - Update Consultation Suffolk Converter Site Option Site 3
  - Suffolk Converter Site 3 Emerging Preference
  - HVAC Corridor Graduated Swathe
  - HVAC Corridor
  - Alternative HVDC Corridor

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Creator: EB	Date: 19/07/2022	Checker: DF	Date: 19/07/2022	Approver: CC	Date: 19/07/2022
Document Ref: FIGURE 2.1.8	Scale: 1:27,500	Format: A3	Sheets: 1	Rev: 0	



- Legend
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Site 1 Emerging Preference Boundary

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Rev	Date	Description	GIS	Chk	App

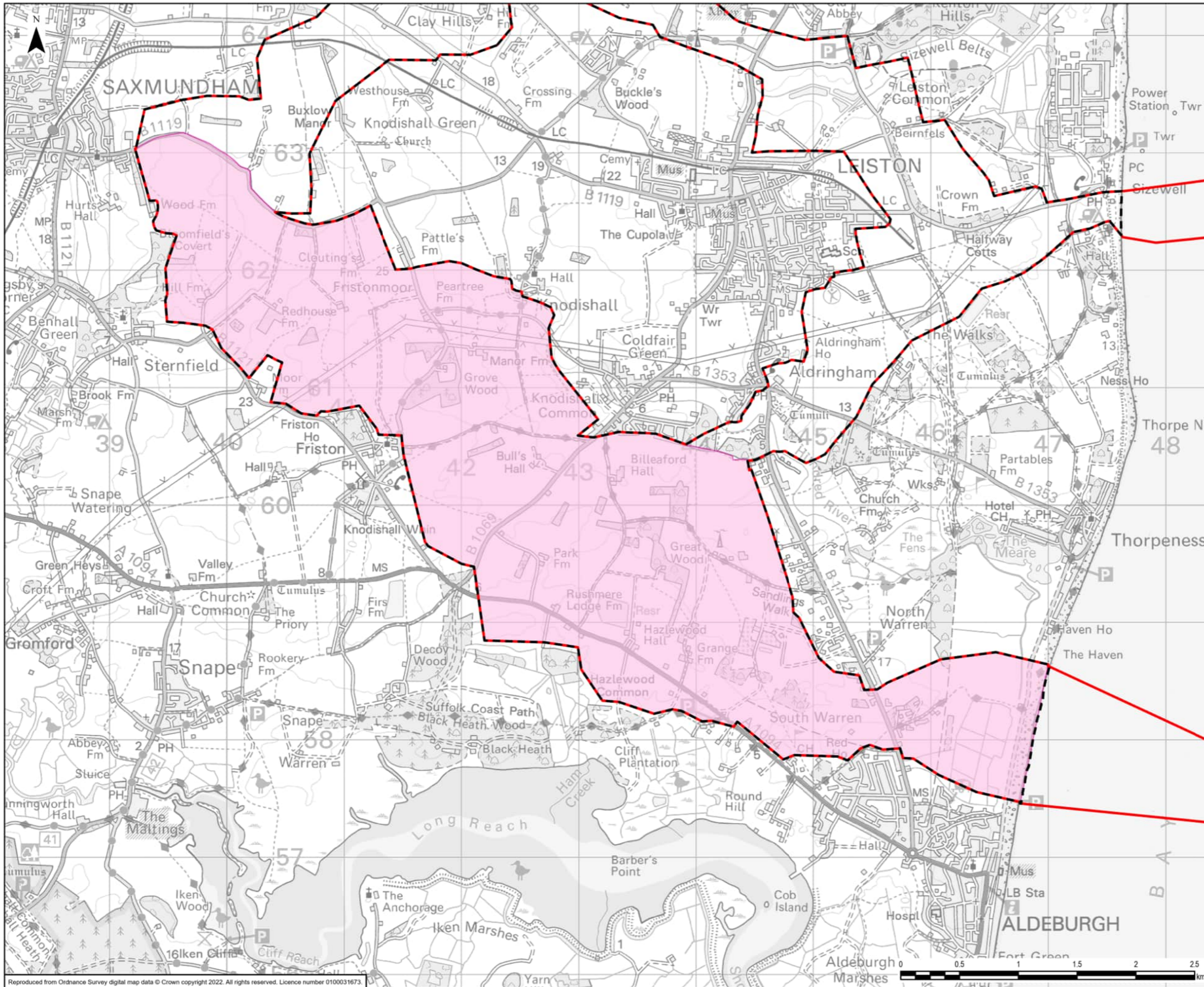
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Document Ref: FIGURE 2.1.9	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	

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**Legend**

- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary
- Suffolk Site 3 Emerging Preference Boundary

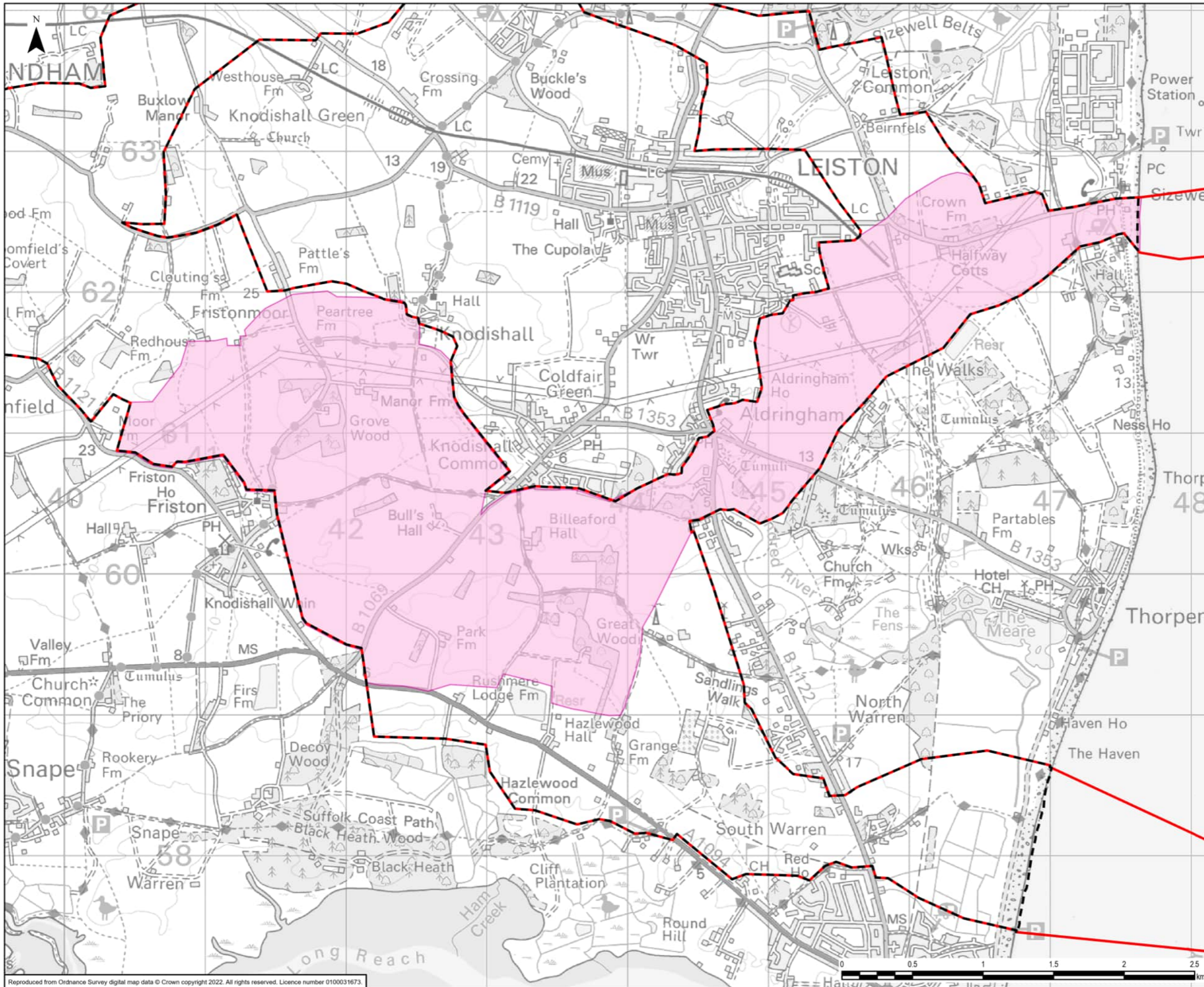
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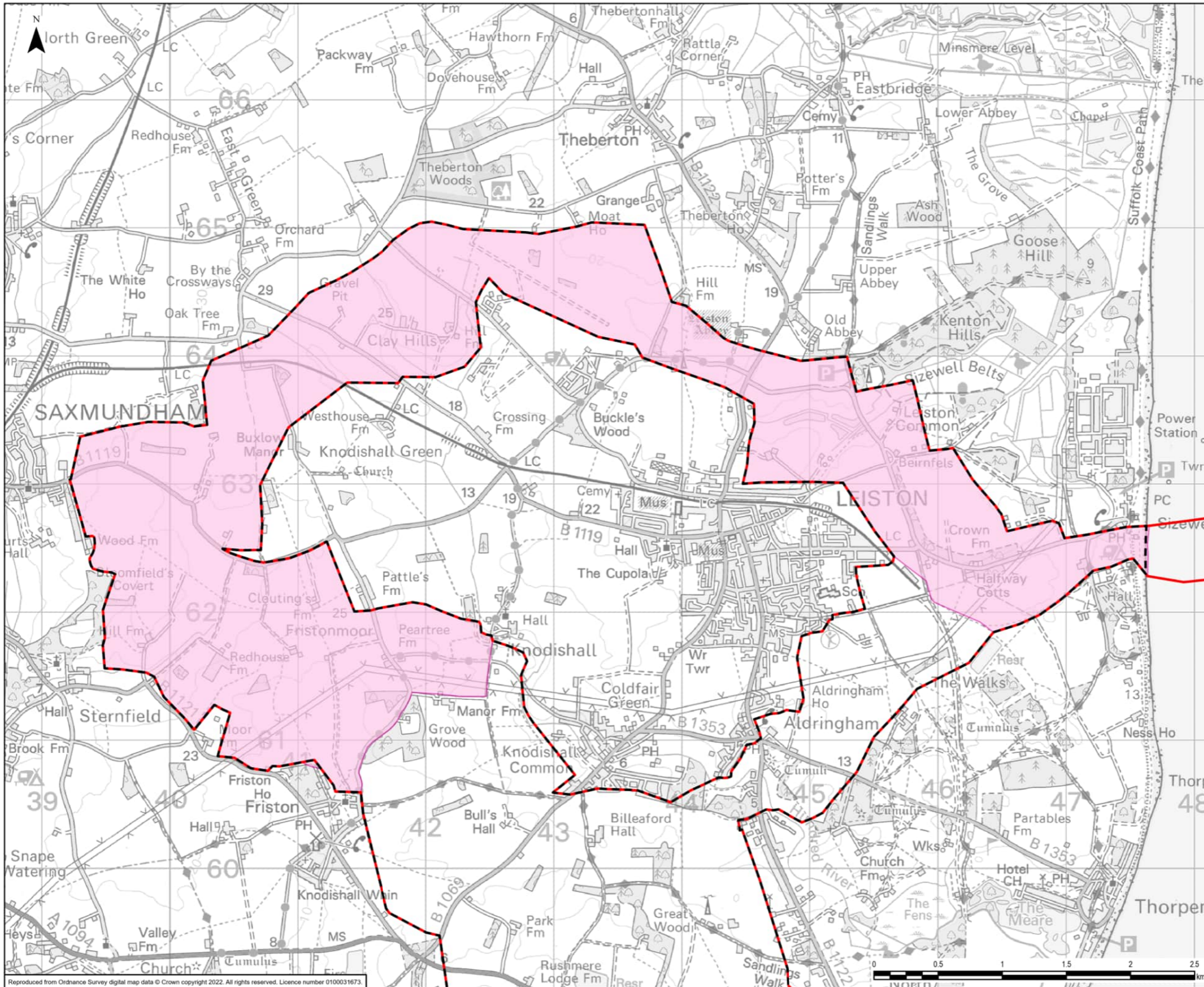
- Legend
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Site 1 Alternative Boundary

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Rev	Date	Description	GIS	Chk	App

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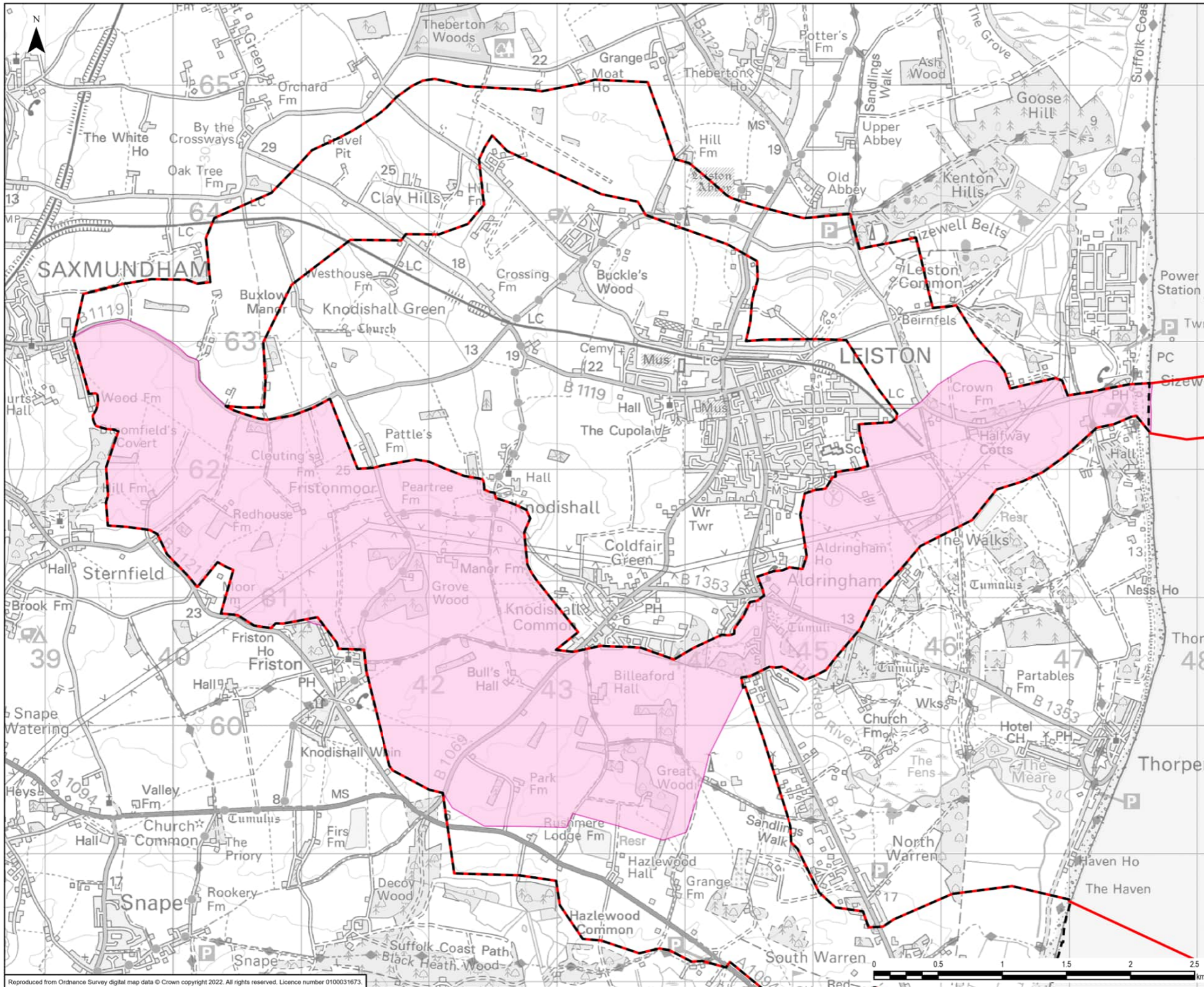
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FIGURE 2.1.11	1:25,000	A3	1	0	



- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Site 3 Alternative Option 1 Boundary

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Rev	Date	Description	GIS	Chk	App
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Document Ref: FIGURE 2.1.12	Scale: 1:27,500	Format: A3	Sheets: 1	Rev: 0	

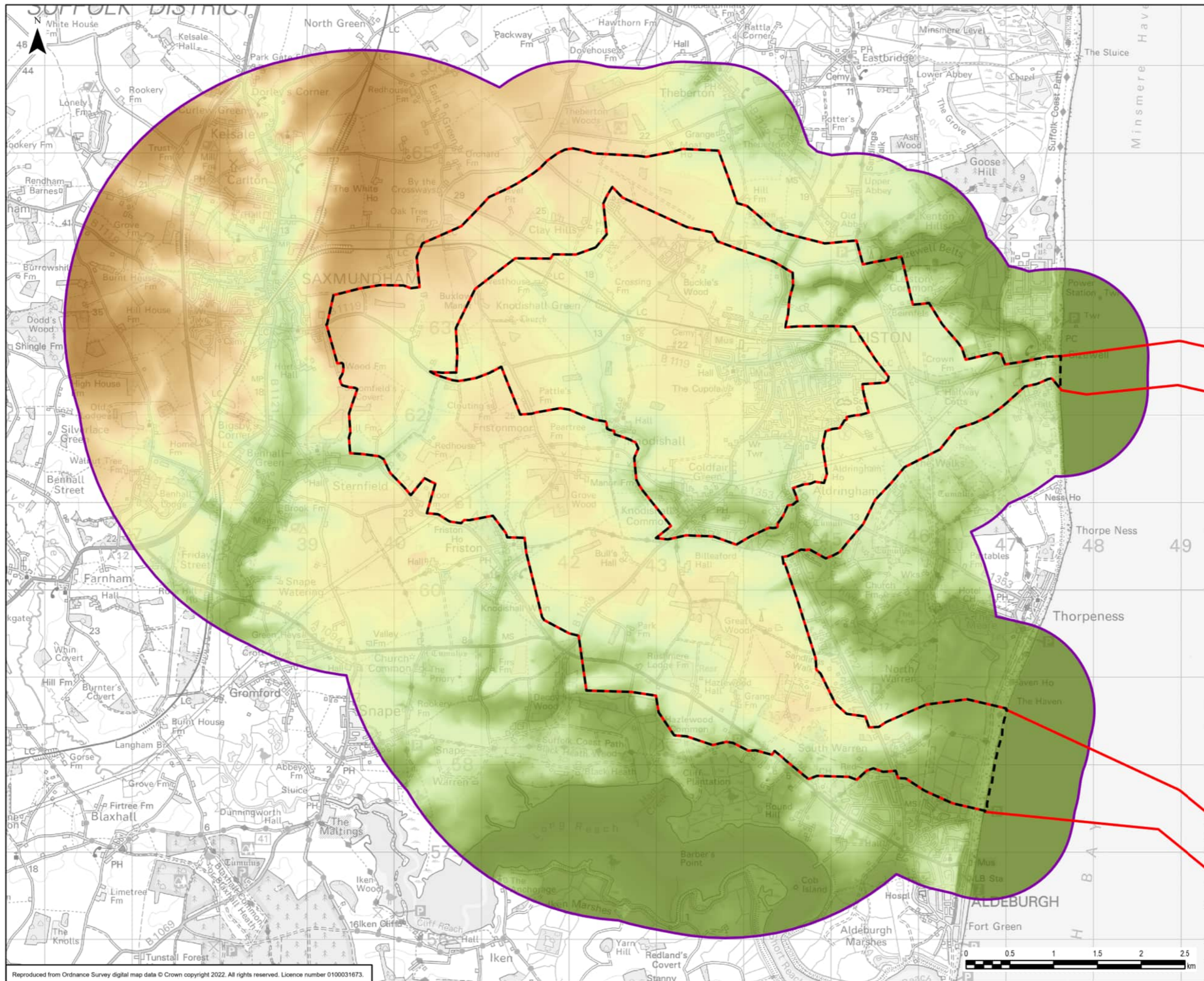
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**Legend**

- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary
- Suffolk Site 3 Alternative Option 2 Boundary

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Document Ref: FIGURE 2.1.13	Scale: 1:27,500	Format: A3	Sheets: 1	Rev: 0	



**Legend**

- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary
- Landscape and Visual Study Area

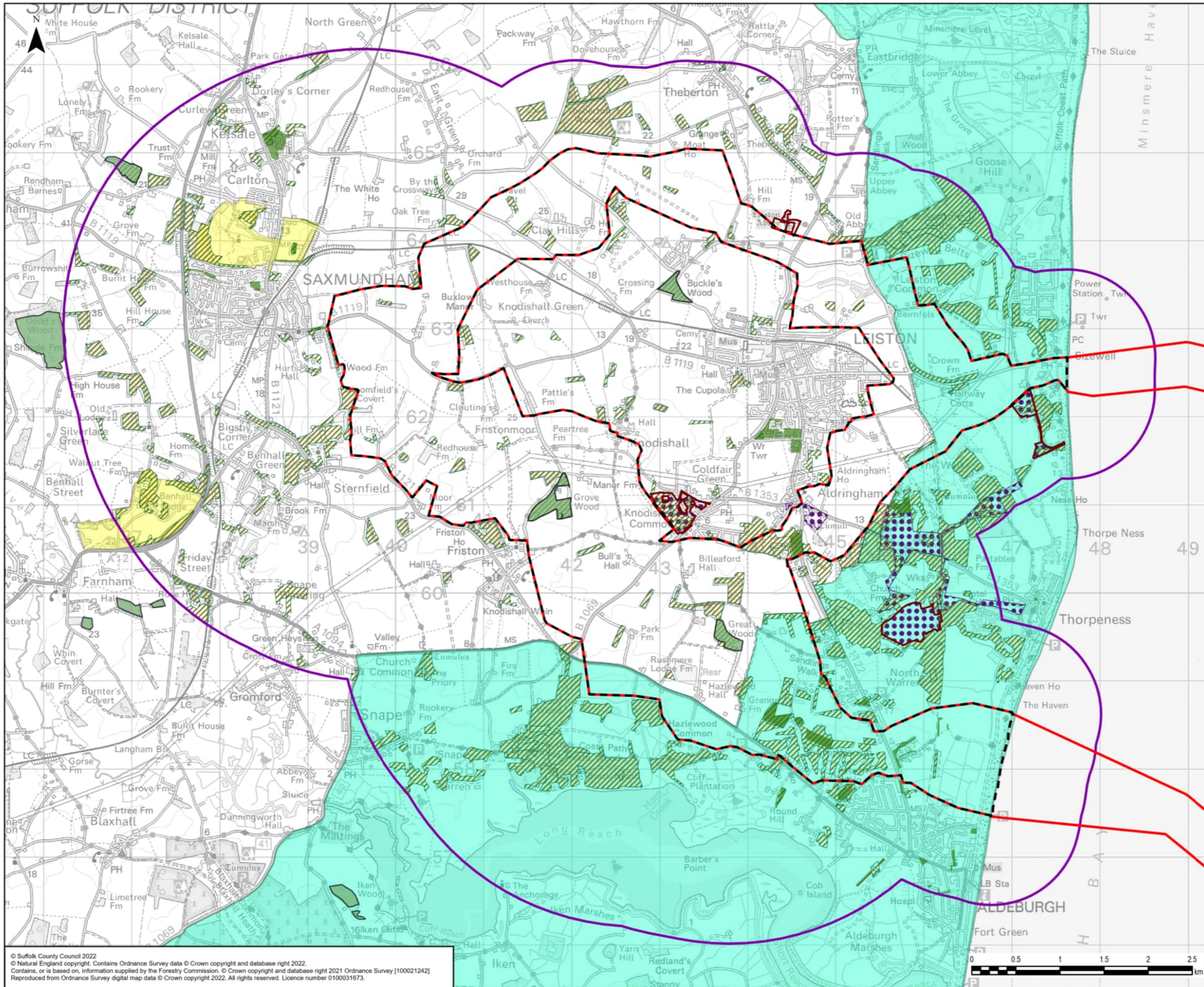
Elevation (m) - OS Terrain 5

41.53

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EB	26/07/2022	DF	26/07/2022	CW	26/07/2022
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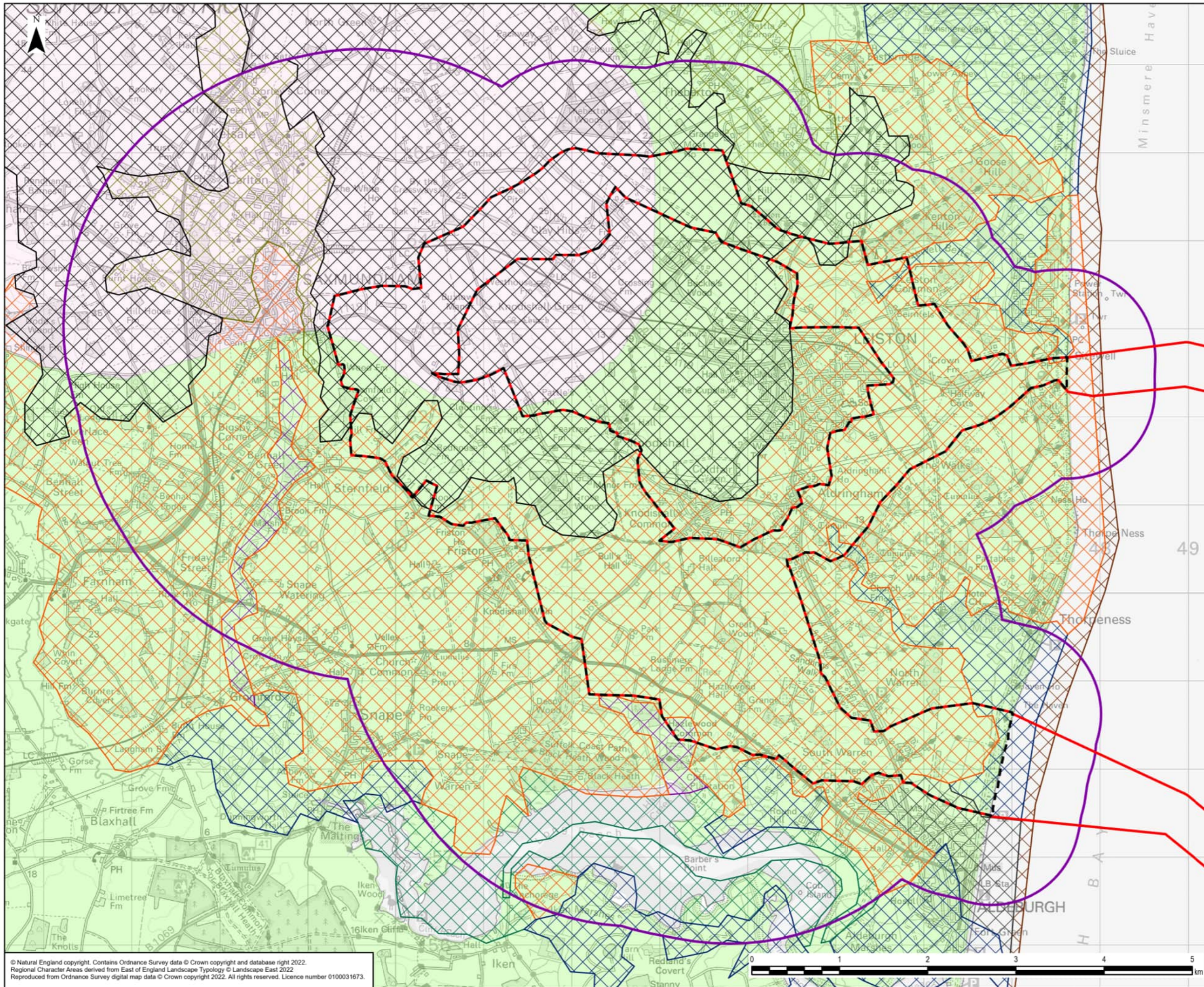


- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Landscape and Visual Study Area
  - Tree Preservation Orders
  - Ancient Woodland
  - National Forest Inventory - Woodland
  - Registered Common Land
  - CRoW Section 15 Land
  - Parks and Gardens of Historic or Landscape Interest
  - Suffolk Coast & Heaths Area of Outstanding Natural Beauty

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EB	26/07/2022	DF	26/07/2022	CW	26/07/2022
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FIGURE 2.2.2	1:40,000	A3	1	0	





**Legend**

- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary
- Landscape and Visual Study Area

**National Character Areas**

- South Norfolk and High Suffolk Claylands
- Suffolk Coast and Heaths

**Regional Character Types**

- Landscape Character Type 0: Urban
- Landscape Character Type 8: Forested Estate Sandlands
- Landscape Character Type 12: Valley Settled Farmlands
- Landscape Character Type 16: Wooded Plateau Claylands
- Landscape Character Type 19: Valley Meadowlands
- Landscape Character Type 25: Coastal Levels
- Landscape Character Type 26: Saltmarsh and Intertidal Flats
- Landscape Character Type 27: Coastal Dunes

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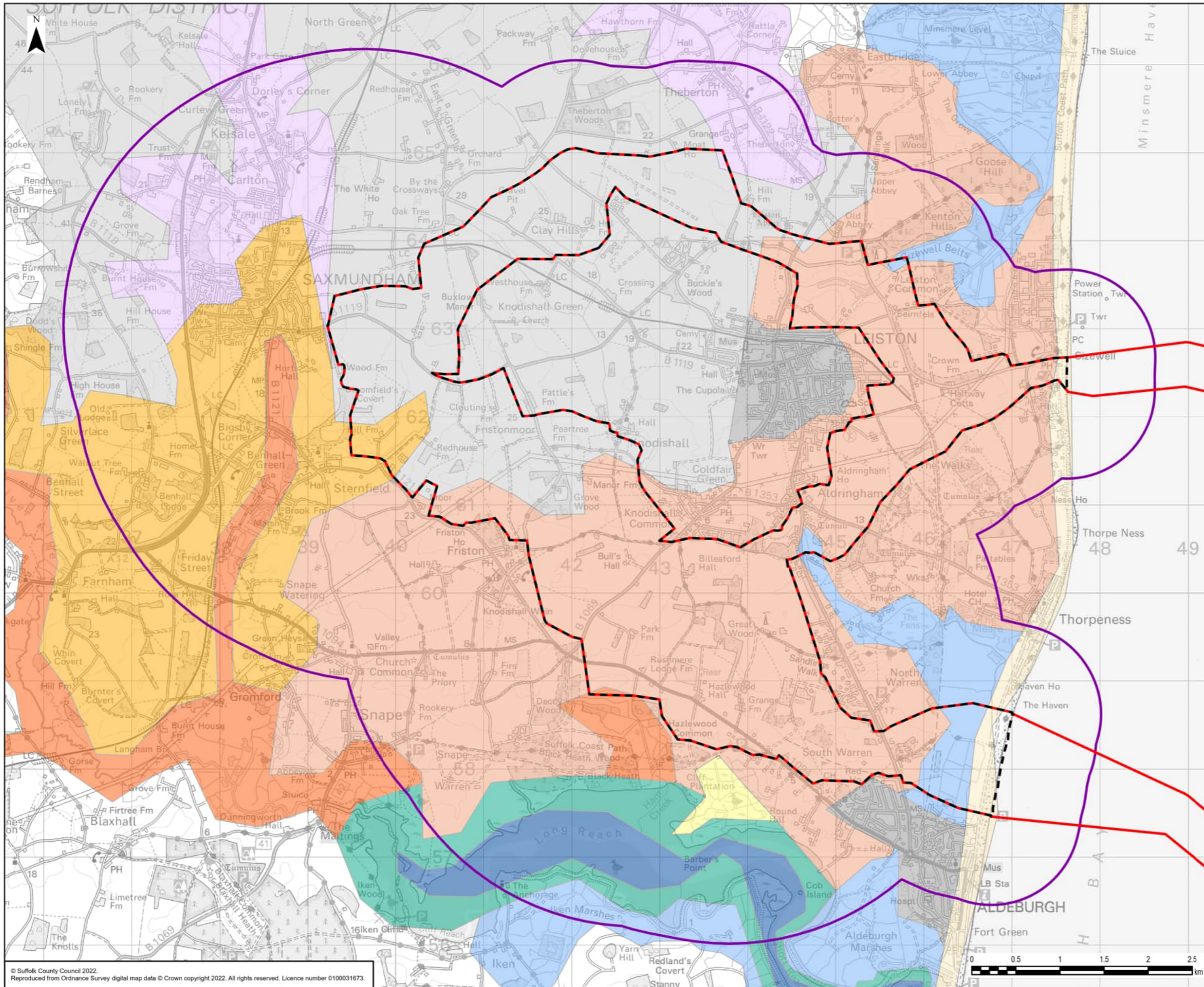
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**Legend**

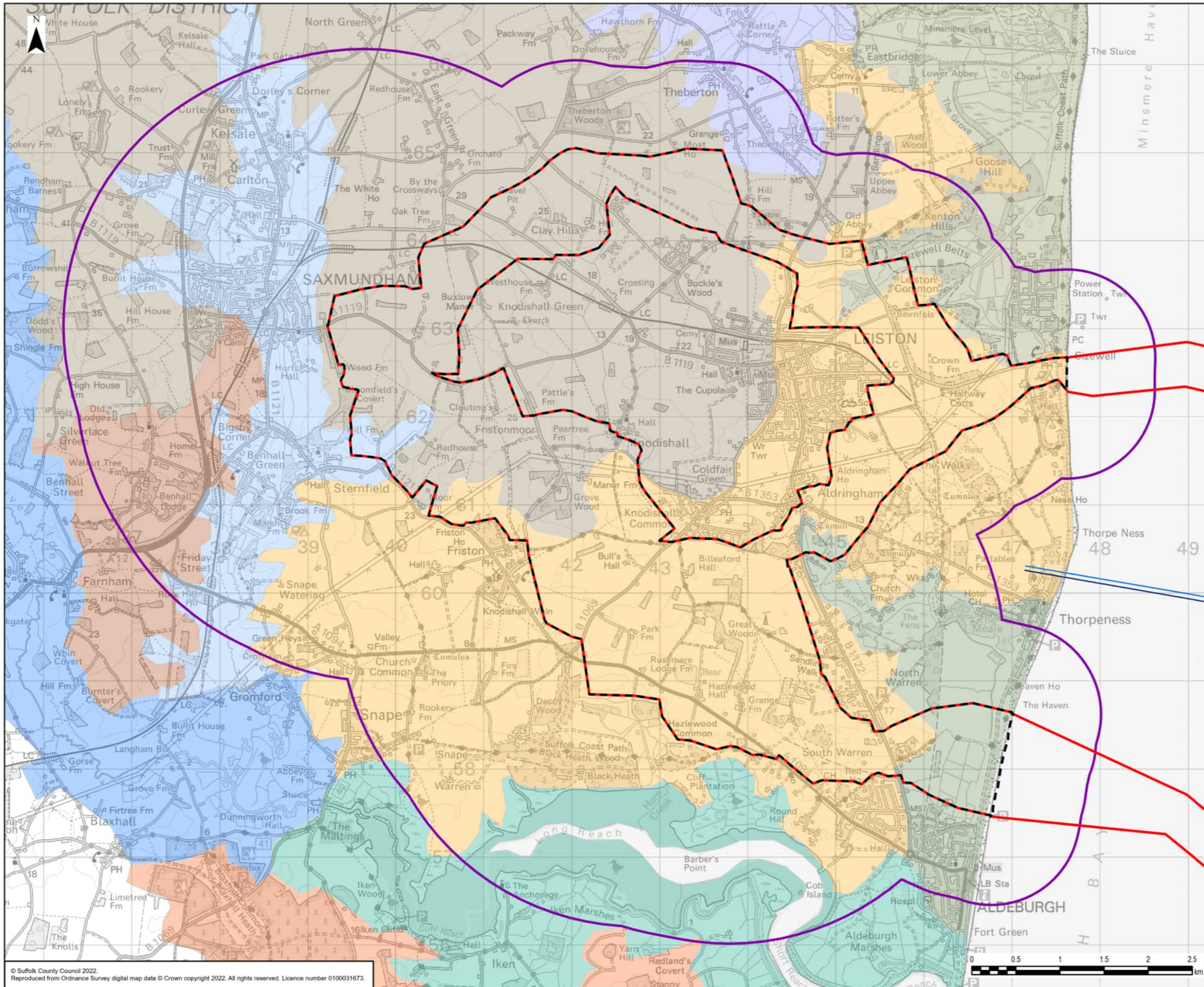
- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary
- Landscape and Visual Study Area

**County Character Areas**

- Ancient estate claylands
- Coastal dunes & shingle ridges
- Coastal levels
- Coastal sands
- Estate Sandlands
- Inland navigable waters
- Rolling estate claylands
- Rolling estate sandlands
- Saltmarsh & inter-tidal flats
- Urban
- Valley meadowlands

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Document Title: LANDSCAPE CHARACTER - COUNTY					
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Document Ref: FIGURE 2.2.4	Scale: 1:40,000	Format: A3	Sheets: 1	Rev: 0	

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**Legend**

- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary
- Landscape and Visual Study Area

**Suffolk Coastal Landscape Character Assessment**

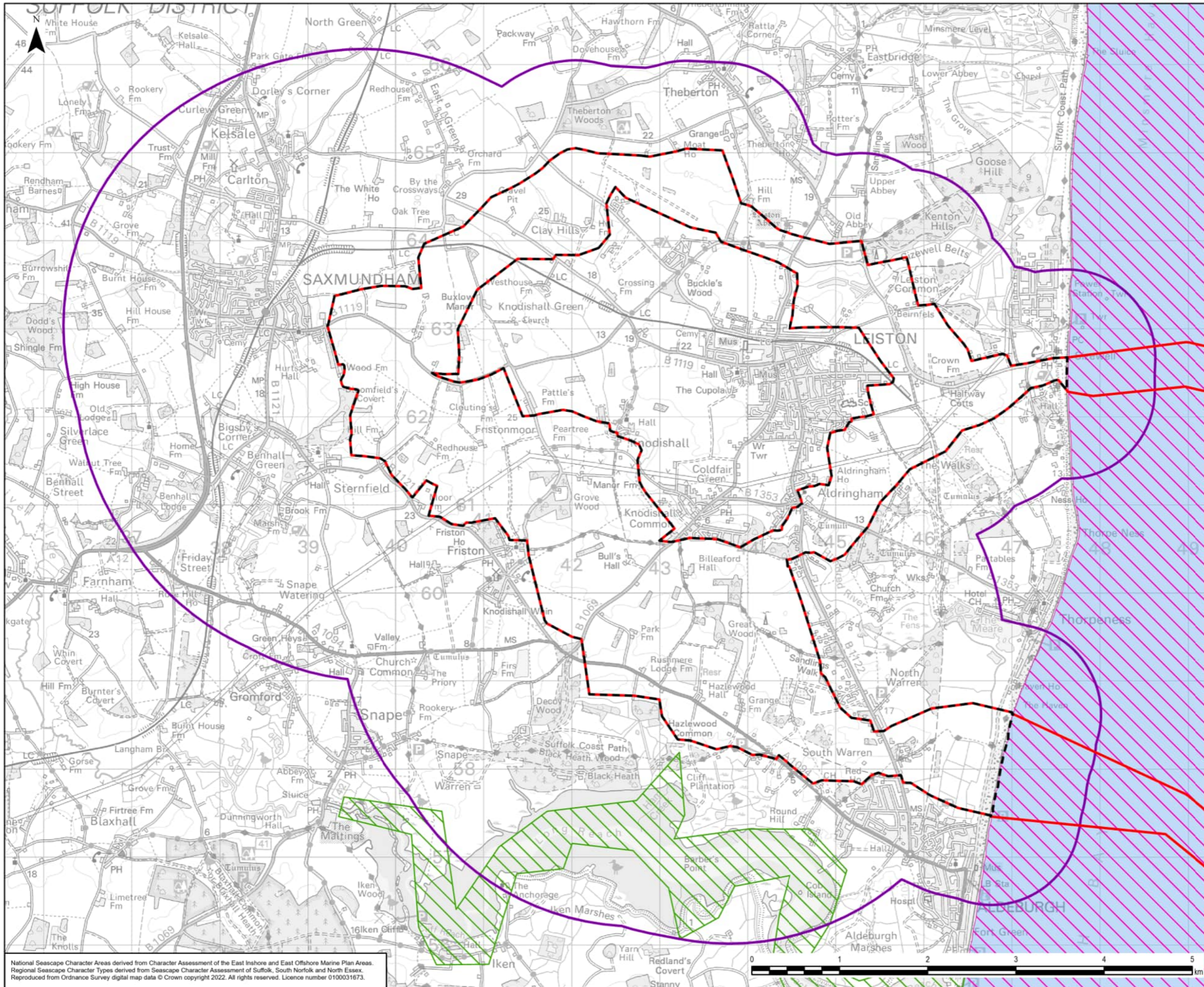
- B3: Yox Valley
- B4: Fromus Valley
- B5: Alde Valley
- D3: Minsmere and Sizewell Coast
- D4: Thorpeness to Aldeburgh
- J4: Alde Estuary
- K3: Aldringham and Freston Sandlands
- K4: Rendlesham and Tunstall Sandlands
- L1: Heveningham and Knodishall Estate Claylands
- O1: Benhall Estate Sandlands

**Touching the Tide Landscape Character Assessment**

- Dunwich to Sizewell Coast Coastal Character Area
- Thorpeness to Aldeburgh Coast Coastal Character Area

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LANDSCAPE CHARACTER - DISTRICT					
Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	27/07/2022	DF	27/07/2022	CW	27/07/2022
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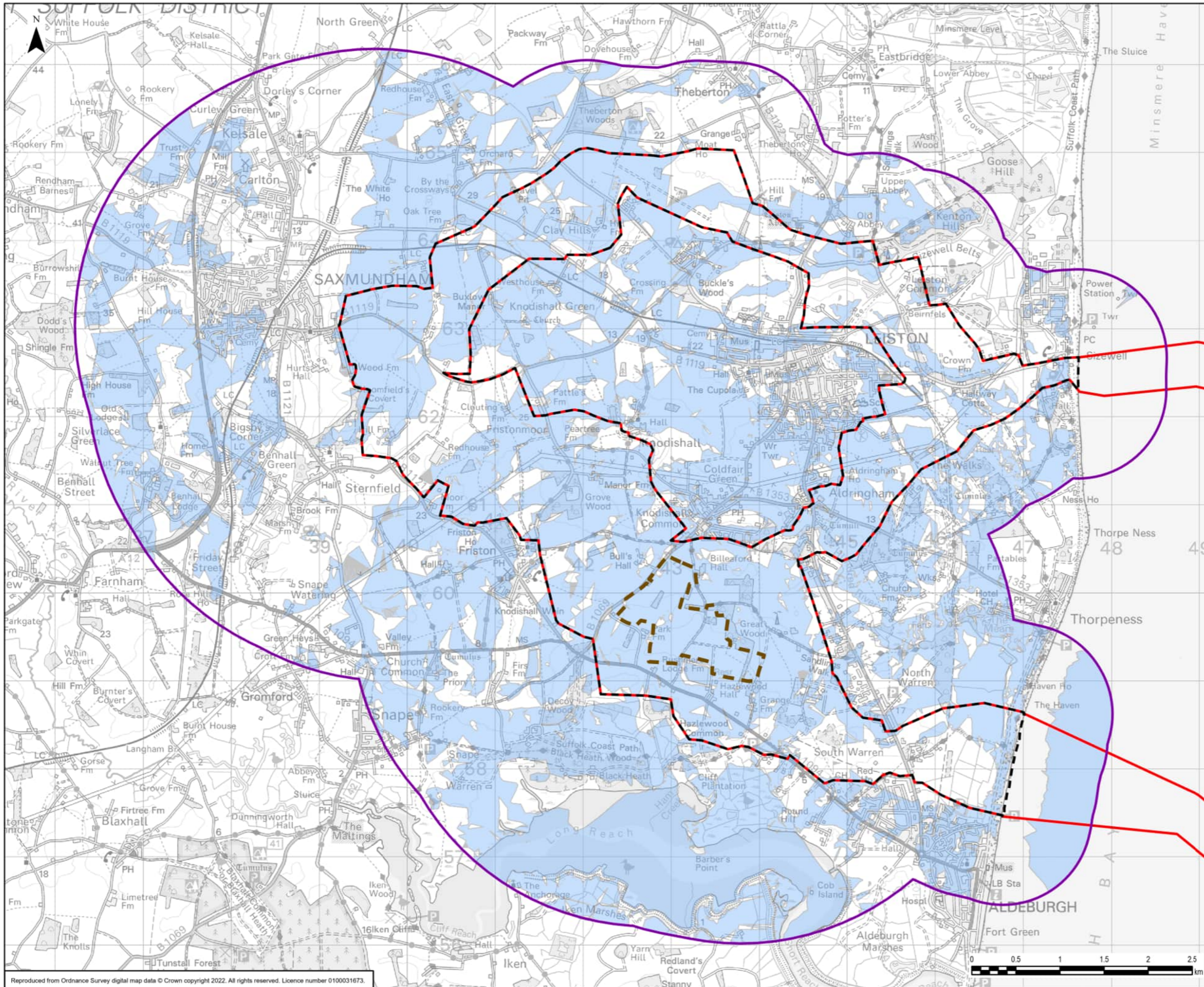
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- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Landscape and Visual Study Area
  - National Seascape Character Areas**
  - Suffolk Coastal Waters
  - Regional Seascape Character Types**
  - SCT 01: Inland Navigable Waters
  - SCT 03: Nearshore Waters

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Creator: EB	Date: 27/07/2022	Checker: DF	Date: 27/07/2022	Approver: CW	Date: 27/07/2022
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National Seascape Character Areas derived from Character Assessment of the East Inshore and East Offshore Marine Plan Areas. Regional Seascape Character Types derived from Seascape Character Assessment of Suffolk, South Norfolk and North Essex. Reproduced from Ordnance Survey digital map data © Crown copyright 2022. All rights reserved. Licence number 0100031673.



- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Converter Site 1 Option Area
  - Landscape and Visual Study Area
  - Zone of Theoretical Visibility - Bare Earth

**The Zone of Theoretical Visibility (ZTV) has been generated using the Ordnance Survey Terrain 5 Digital Terrain Model which does not take account of the screening effects of vegetation, buildings or other structures. The ZTV is based on an observer point from the centre of the Suffolk Converter Site 1 Emerging Preference graduated swathe area, at an elevation of 30 metres.**

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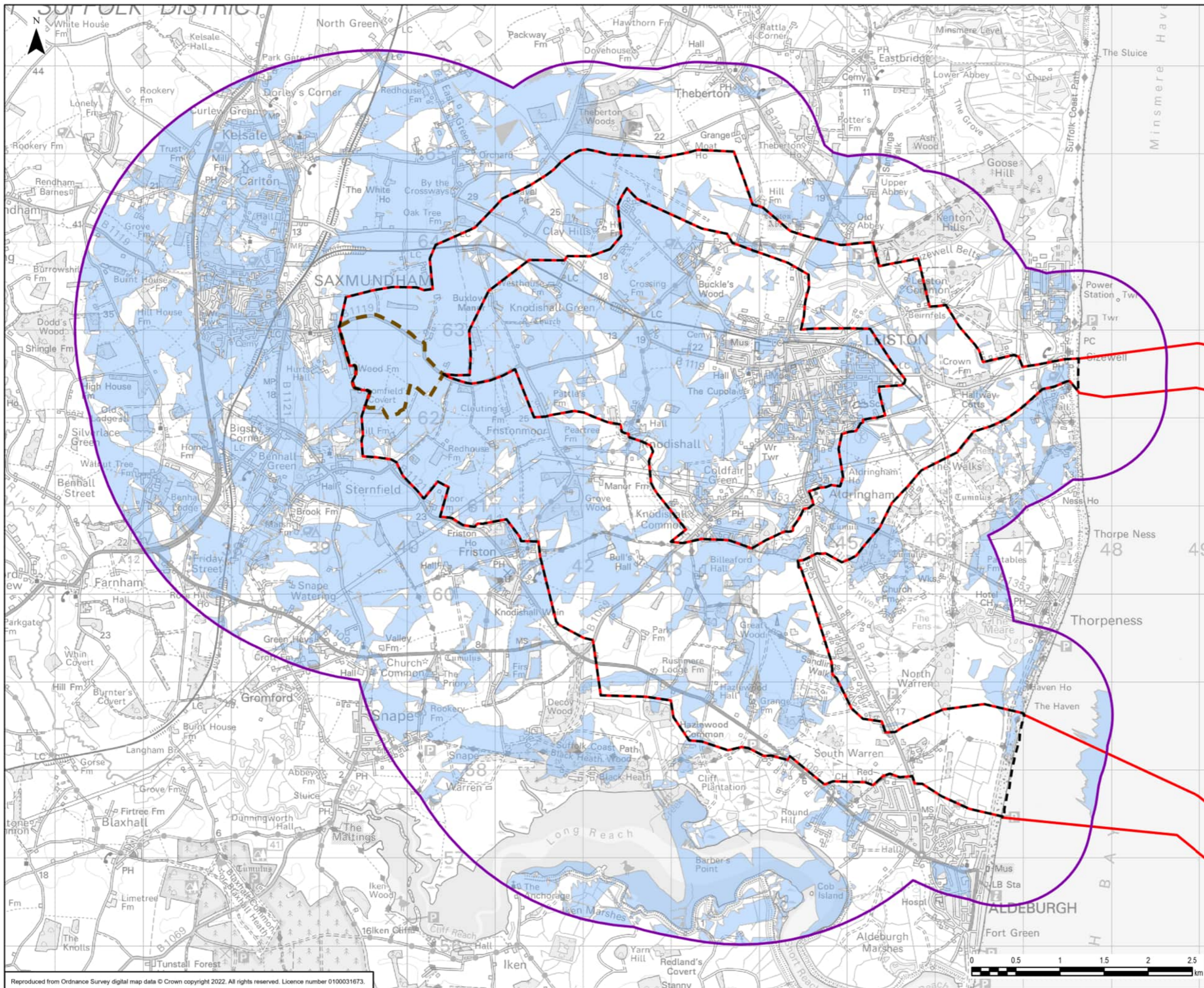


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Document Title: BARE EARTH ZONE OF THEORETICAL VISIBILITY - CONVERTER STATION SITE 1

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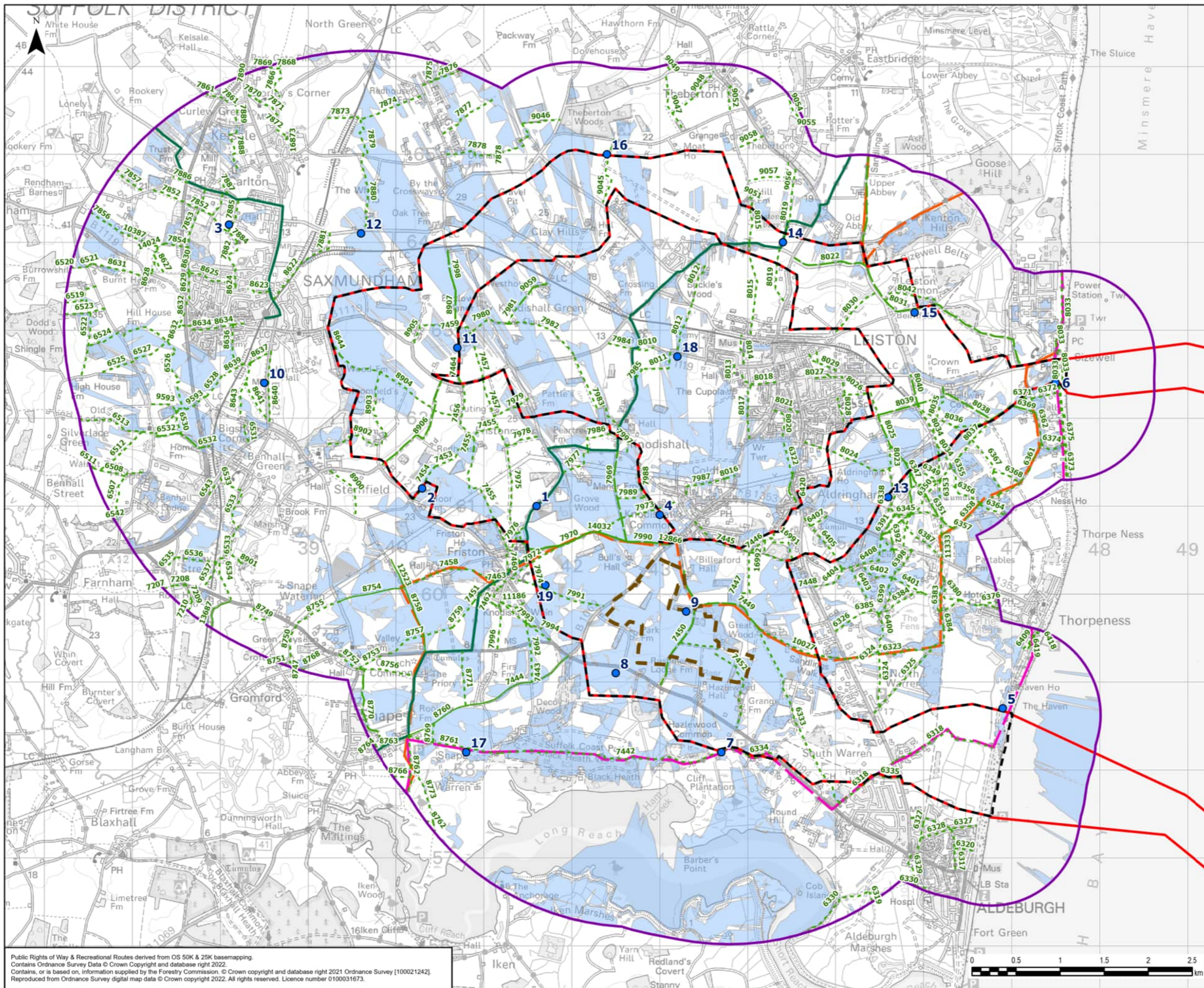


- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Converter Site 3 Option Area
  - Landscape and Visual Study Area
  - Zone of Theoretical Visibility - Bare Earth

**The Zone of Theoretical Visibility (ZTV) has been generated using the Ordnance Survey Terrain 5 Digital Terrain Model which does not take account of the screening effects of vegetation, buildings or other structures. The ZTV is based on an observer point from the centre of the Suffolk Converter Site 3 Emerging Preference graduated swathe area, at an elevation of 30 metres.**

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- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Converter Site 1 Option Area
  - Landscape and Visual Study Area
  - Zone of Theoretical Visibility - Screened
  - Representative Viewpoint Locations
  - National Cycle Network
  - Public Rights of Way
  - Public Footpath
  - Bridleway
  - Byway Open to All Traffic
  - Restricted Byway
  - Recreational Routes
  - Sandlings Walk
  - Suffolk Coast Path

**The Zone of Theoretical Visibility (ZTV) has been generated using the Ordnance Survey Terrain 5 Digital Terrain Model which does not take account of the screening effects of vegetation, buildings or other structures.**

Existing buildings have been incorporated into the DTM from OS Open Map Local with an assumed height of 7.5m. Woodland data from the National Forest Inventory has also been incorporated into the DTM with an assumed height of 10m.

The ZTV is based on an observer point from the centre of the Suffolk Converter Site 1 Emerging Preference graduated swathe area, at an elevation of 30 metres.

0	28/07/2022	SCOPING REPORT	EB	DF	CW
Rev	Date	Description	GIS	Chk	App

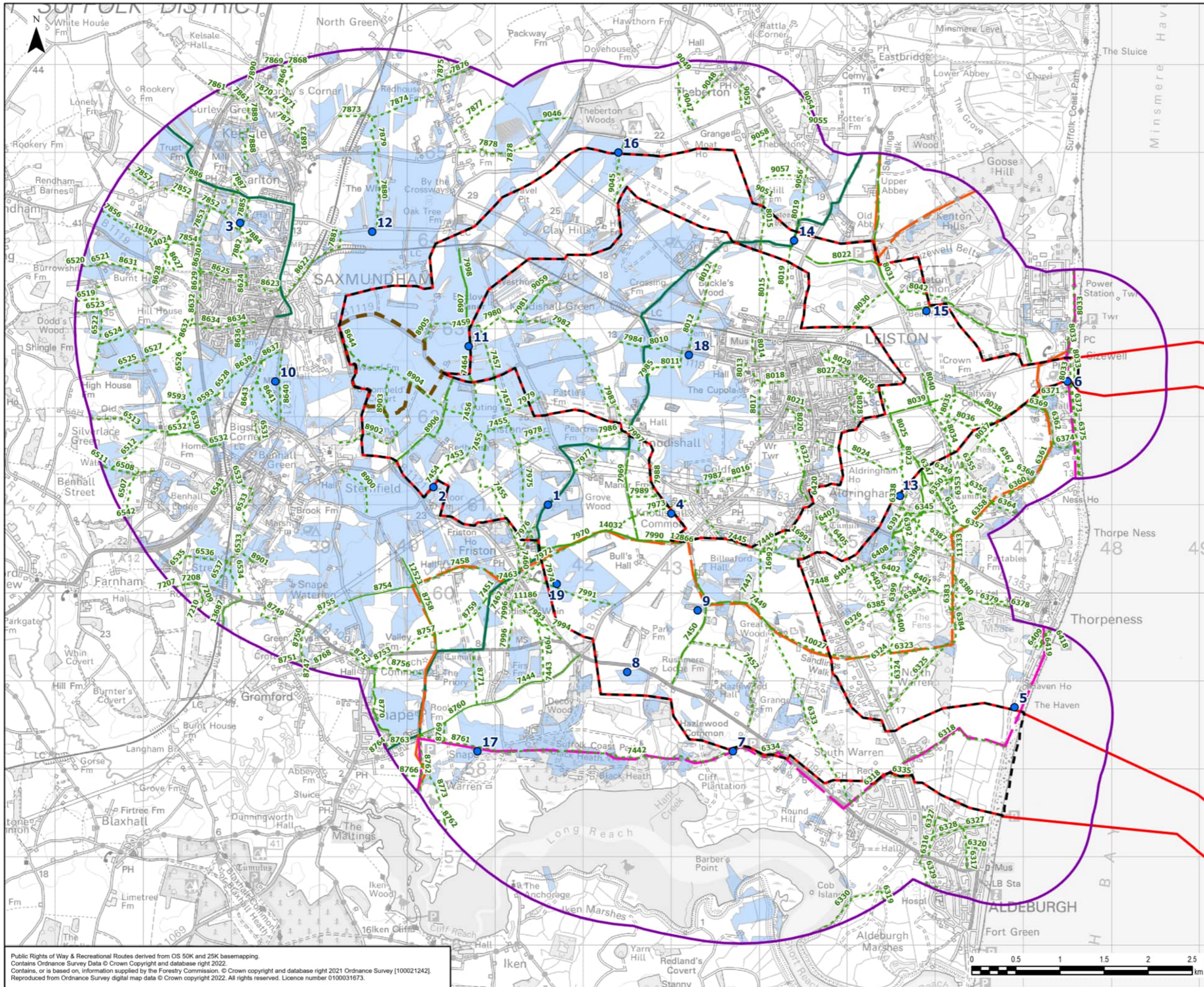


Scheme: SEA LINK

Document Title: REPRESENTATIVE VIEWPOINT LOCATIONS AND SCREENED ZONE OF THEORETICAL VISIBILITY - SITE 1

Creator: EB	Date: 28/07/2022	Checker: DF	Date: 28/07/2022	Approver: CW	Date: 28/07/2022
Document Ref: FIGURE 2.2.9	Scale: 1:40,037	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Converter Site 3 Option Area
  - Landscape and Visual Study Area
  - Zone of Theoretical Visibility - Screened
  - Representative Viewpoint Locations
  - National Cycle Network
  - Public Rights of Way
    - Public Footpath
    - Bridleway
    - Byway Open to All Traffic
    - Restricted Byway
  - Recreational Routes**
    - Sandlings Walk
    - Suffolk Coast Path

**The Zone of Theoretical Visibility (ZTV) has been generated using the Ordnance Survey Terrain 5 Digital Terrain Model which does not take account of the screening effects of vegetation, buildings or other structures.**

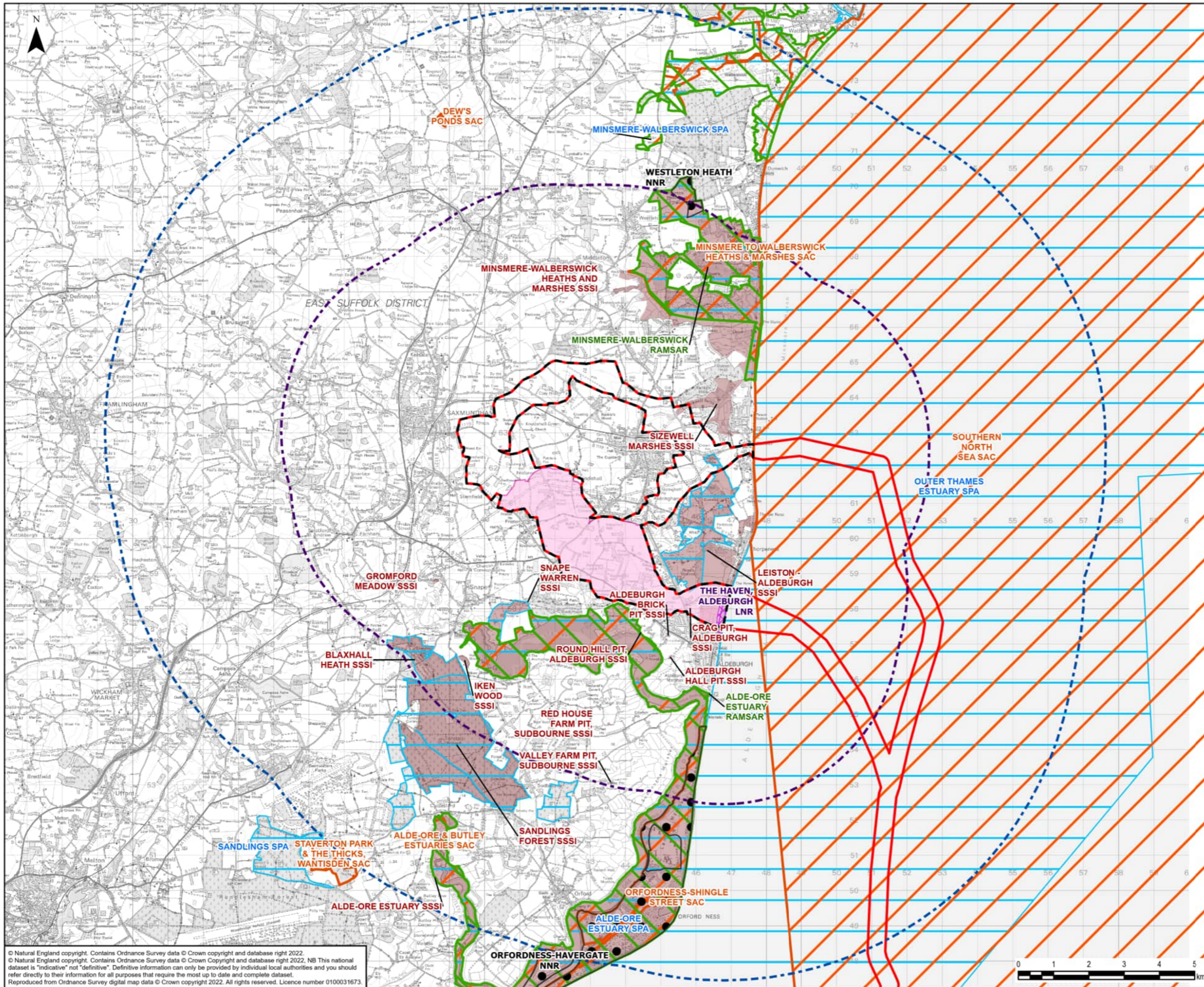
Existing buildings have been incorporated into the DTM from OS Open Map Local with an assumed height of 7.5m. Woodland data from the National Forest Inventory has also been incorporated into the DTM with an assumed height of 10m.

The ZTV is based on an observer point from the centre of the Suffolk Converter Site 3 Emerging Preference graduated swathe area, at an elevation of 30 metres.

0	28/07/2022	SCOPING REPORT	EB	DF	CW
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: REPRESENTATIVE VIEWPOINT LOCATIONS AND SCREENED ZONE OF THEORETICAL VISIBILITY -SITE 3					
Creator: EB	Date: 28/07/2022	Checker: DF	Date: 28/07/2022	Approver: CW	Date: 28/07/2022
Document Ref: FIGURE 2.2.10	Scale: 1:40,000	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary - 5km Buffer
  - Suffolk Onshore Scheme Scoping Boundary - 10km Buffer
  - Suffolk Site 1 Emerging Preference Boundary
  - National Nature Reserve (NNR)
  - Local Nature Reserve (LNR)
  - Ramsar
  - Special Area of Conservation (SAC)
  - Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)

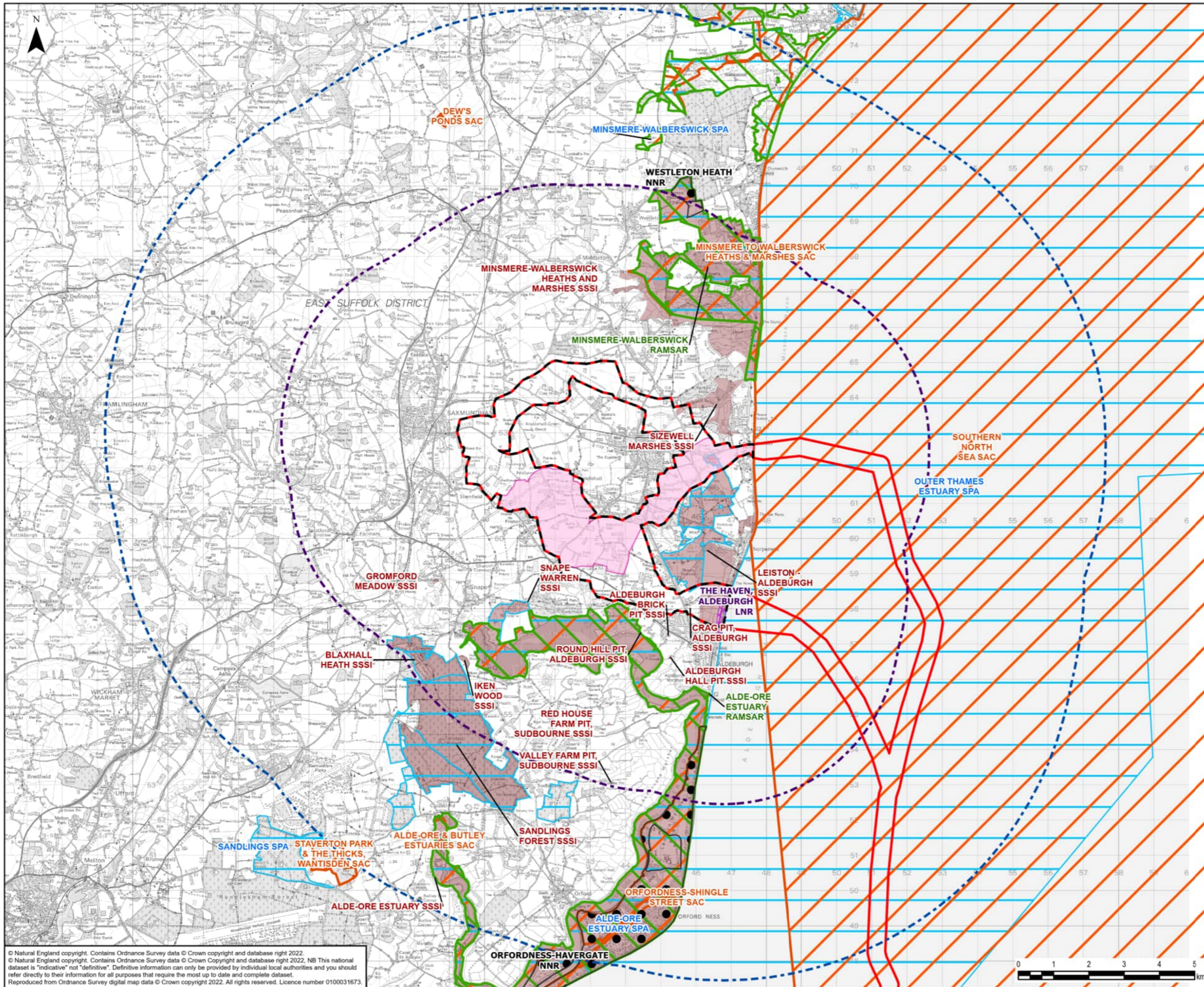
0	19/07/2022	SCOPING REPORT	EB	DF	JR
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK  
 Document Title: STATUTORY DESIGNATED ECOLOGICAL FEATURES - SHEET 1 OF 5

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	19/07/2022	DF	19/07/2022	JR	19/07/2022
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 2.3.1	1:100,000	A3	1	0	

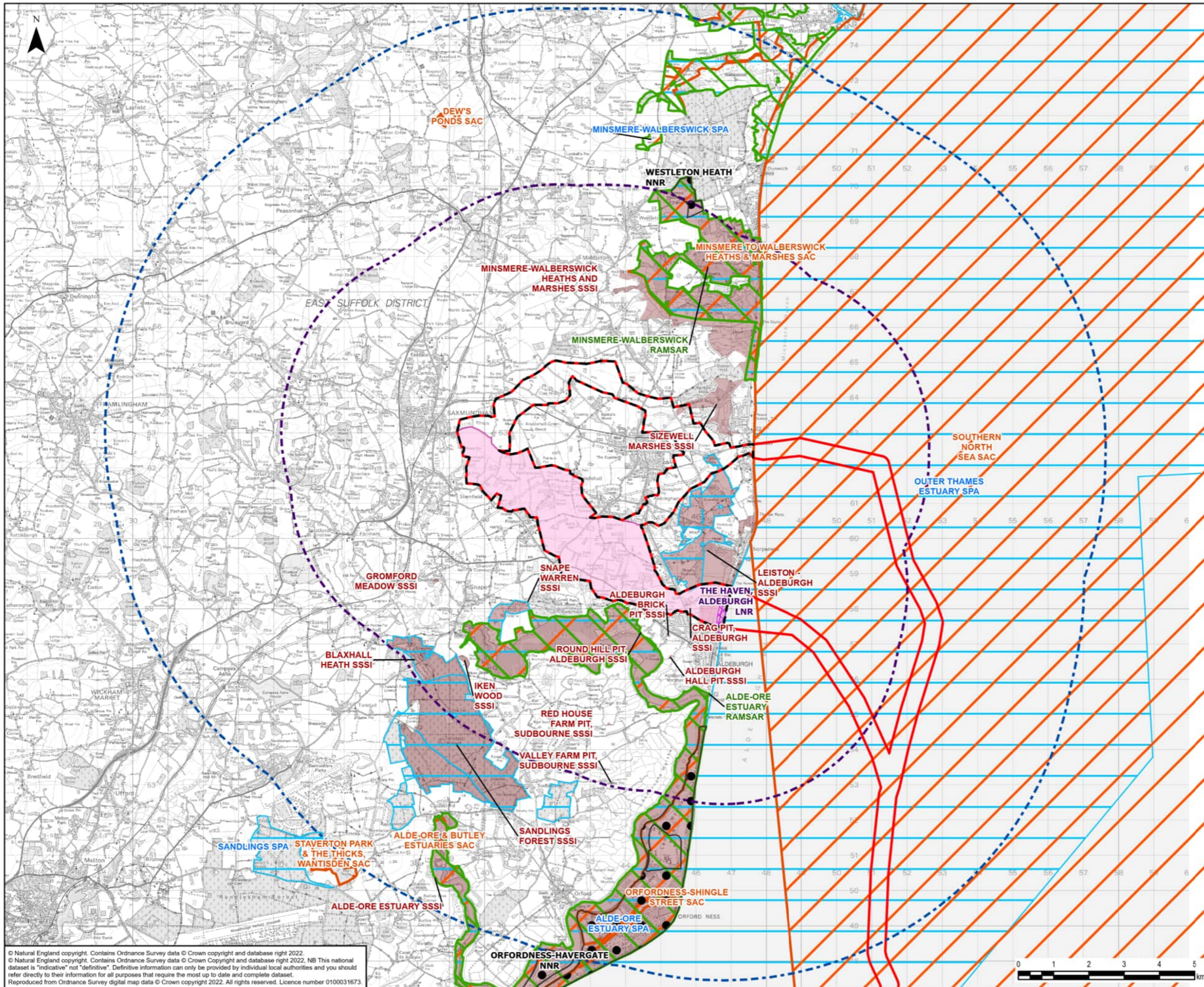
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- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary - 5km Buffer
  - Suffolk Onshore Scheme Scoping Boundary - 10km Buffer
  - Suffolk Site 1 Alternative Option Area Boundary
  - National Nature Reserve (NNR)
  - Local Nature Reserve (LNR)
  - Ramsar
  - Special Area of Conservation (SAC)
  - Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)

0	19/07/2022	SCOPING REPORT	EB	DF	JR
Rev	Date	Description	GIS	Chk	App
Scheme:			SEA LINK		
Document Title:			STATUTORY DESIGNATED ECOLOGICAL FEATURES - SHEET 2 OF 5		
Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	19/07/2022	DF	19/07/2022	JR	19/07/2022
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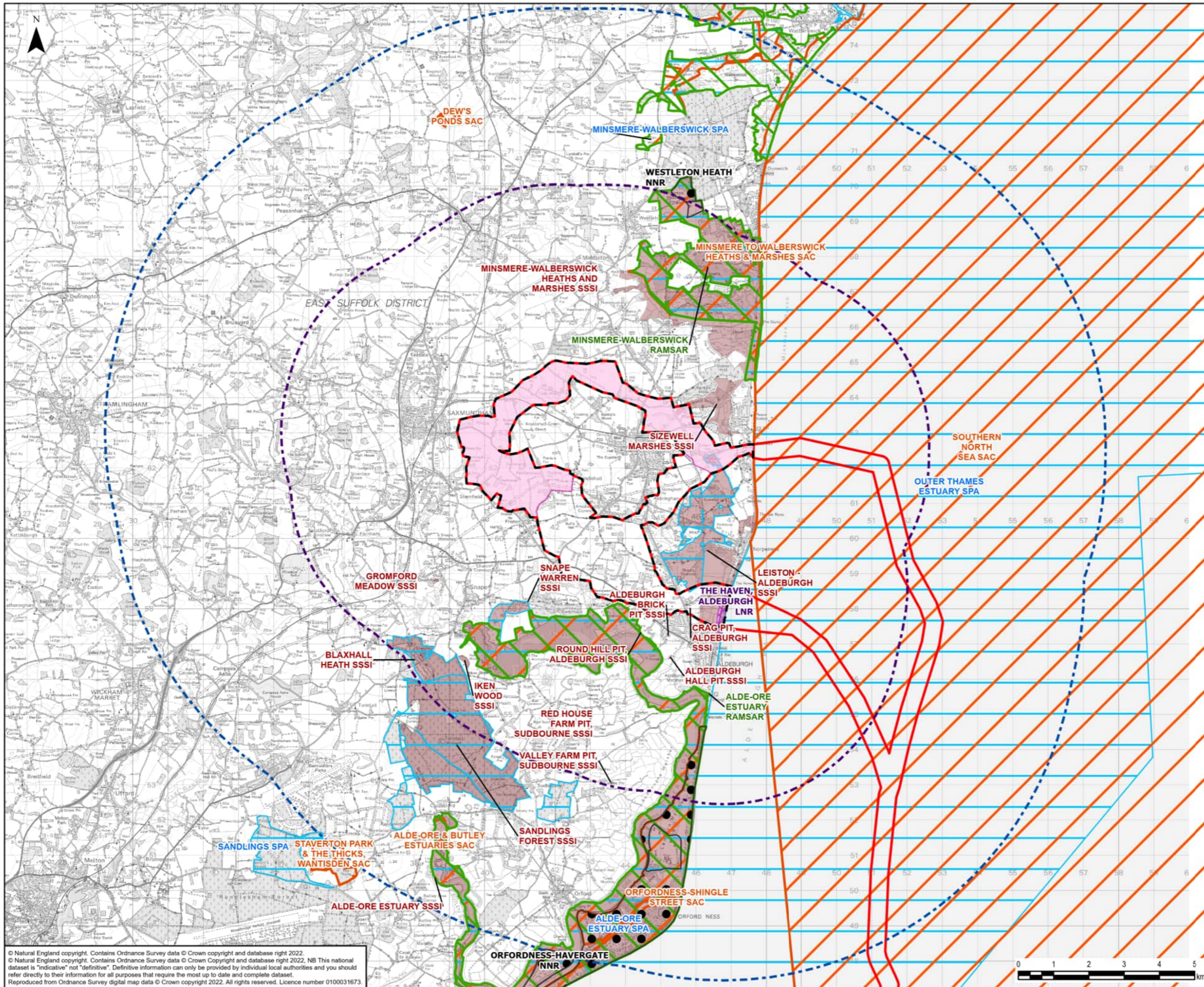
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- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary - 5km Buffer
  - Suffolk Onshore Scheme Scoping Boundary - 10km Buffer
  - Suffolk Site 3 Emerging Preference Boundary
  - National Nature Reserve (NNR)
  - Local Nature Reserve (LNR)
  - Ramsar
  - Special Area of Conservation (SAC)
  - Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)

0	19/07/2022	SCOPING REPORT	EB	DF	JR
Rev	Date	Description	GIS	Chk	App
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Document Title: STATUTORY DESIGNATED ECOLOGICAL FEATURES - SHEET 3 OF 5					
Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	19/07/2022	DF	19/07/2022	JR	19/07/2022
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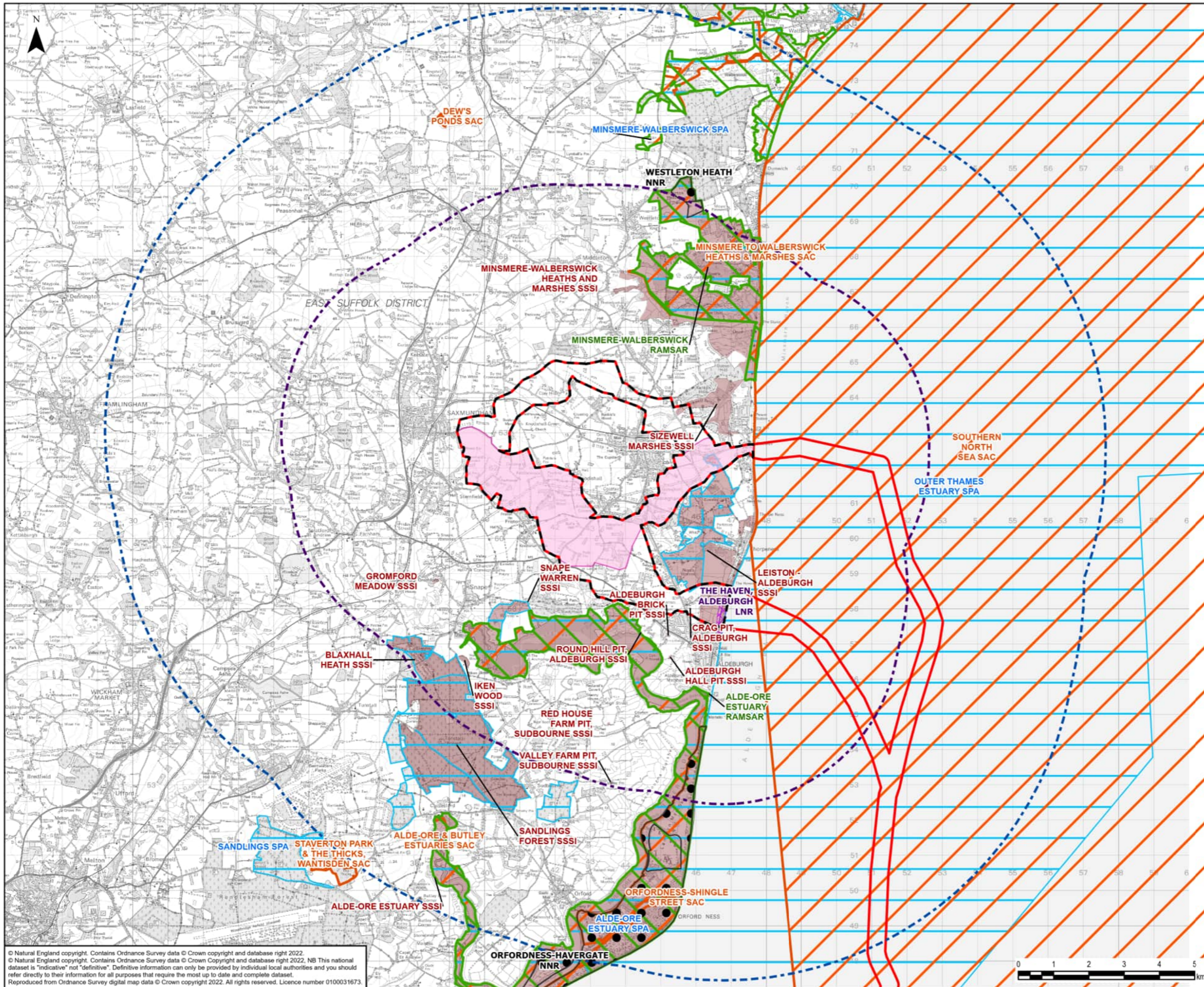
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- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary - 5km Buffer
  - Suffolk Onshore Scheme Scoping Boundary - 10km Buffer
  - Suffolk Site 3 Alternative (Option 1) Boundary
  - National Nature Reserve (NNR)
  - Local Nature Reserve (LNR)
  - Ramsar
  - Special Area of Conservation (SAC)
  - Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)

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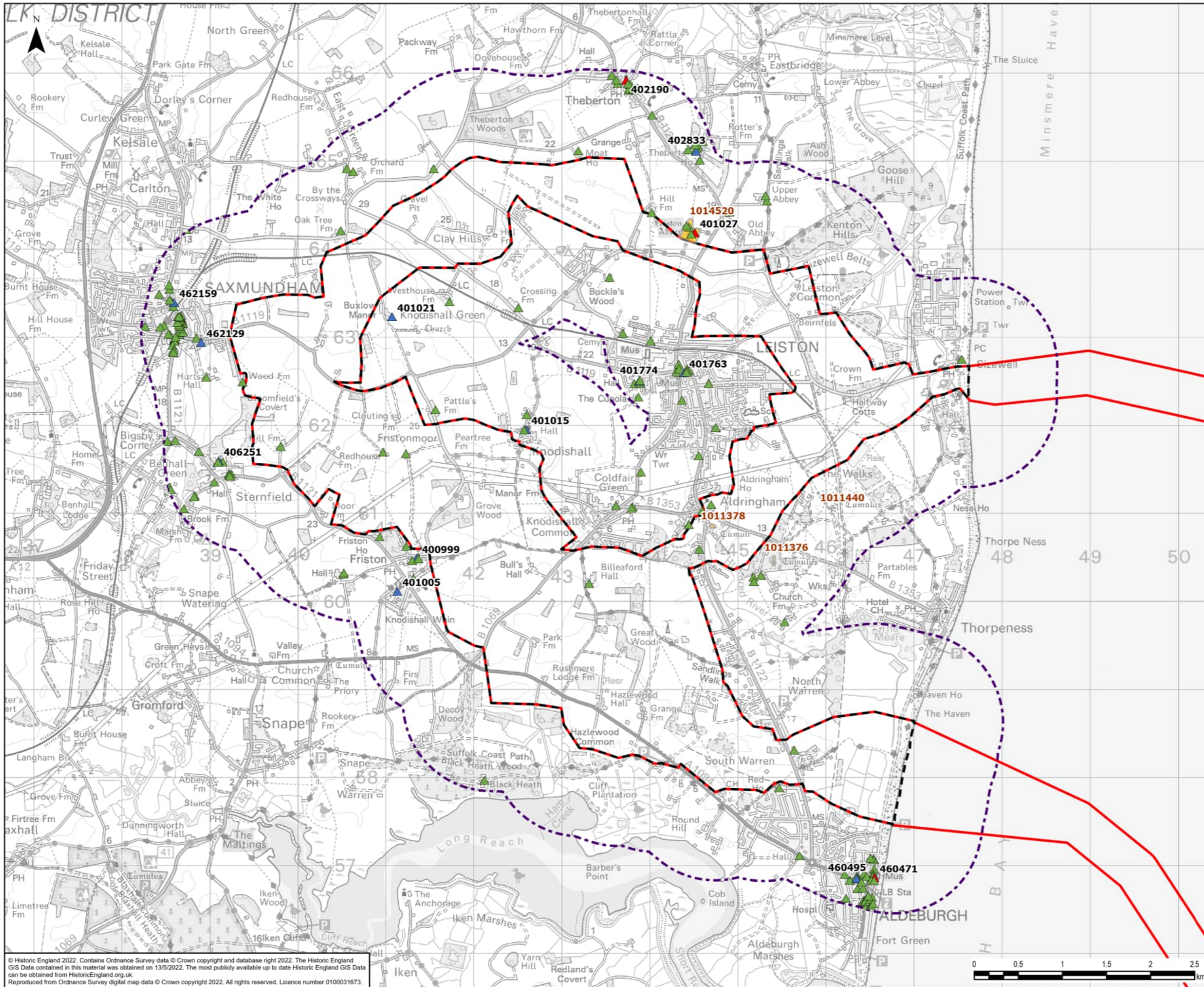
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Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 2.3.1	1:100,000	A3	1	0	



- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary - 5km Buffer
  - Suffolk Onshore Scheme Scoping Boundary - 10km Buffer
  - Suffolk Site 3 Alternative (Option 2) Boundary
  - National Nature Reserve (NNR)
  - Local Nature Reserve (LNR)
  - Ramsar
  - Special Area of Conservation (SAC)
  - Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)

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EB	19/07/2022	DF	19/07/2022	JR	19/07/2022
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 2.3.1	1:100,000	A3	1	0	



**Legend**

- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary - 1km Buffer

**Listed Building**

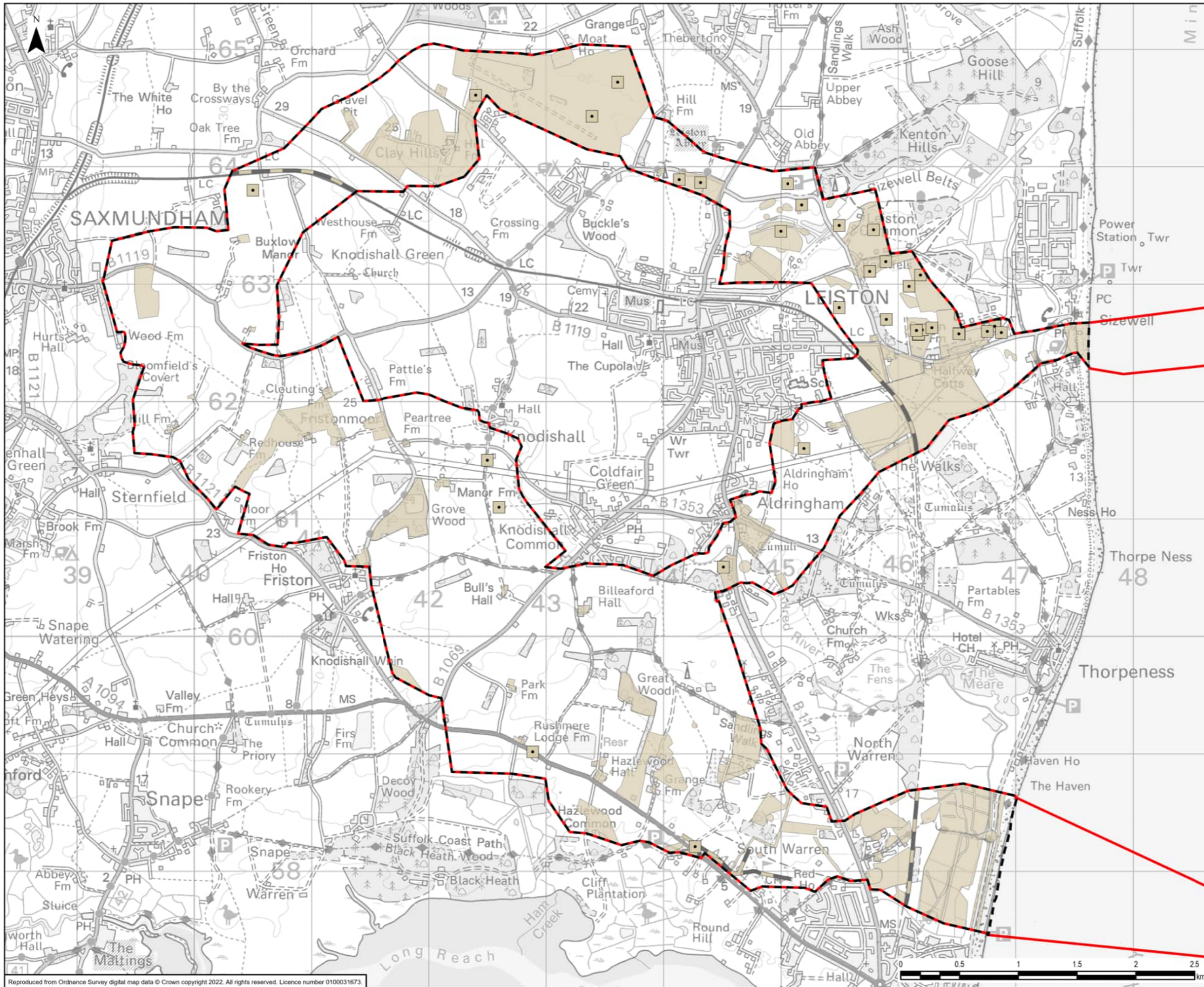
- ▲ Grade I
- ▲ Grade II
- ▲ Grade II\*

Scheduled Monuments

Conservation Area

0	28/07/2022	SCOPING REPORT	EB	DF	JS
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: DESIGNATED CULTURAL HERITAGE ASSETS WITHIN THE SCOPING BOUNDARY AND WIDER 1KM STUDY AREA					
Creator: EB	Date: 28/07/2022	Checker: DF	Date: 28/07/2022	Approver: JS	Date: 28/07/2022
Document Ref: FIGURE 2.4.1	Scale: 1:40,000	Format: A3	Sheets: 1	Rev: 0	

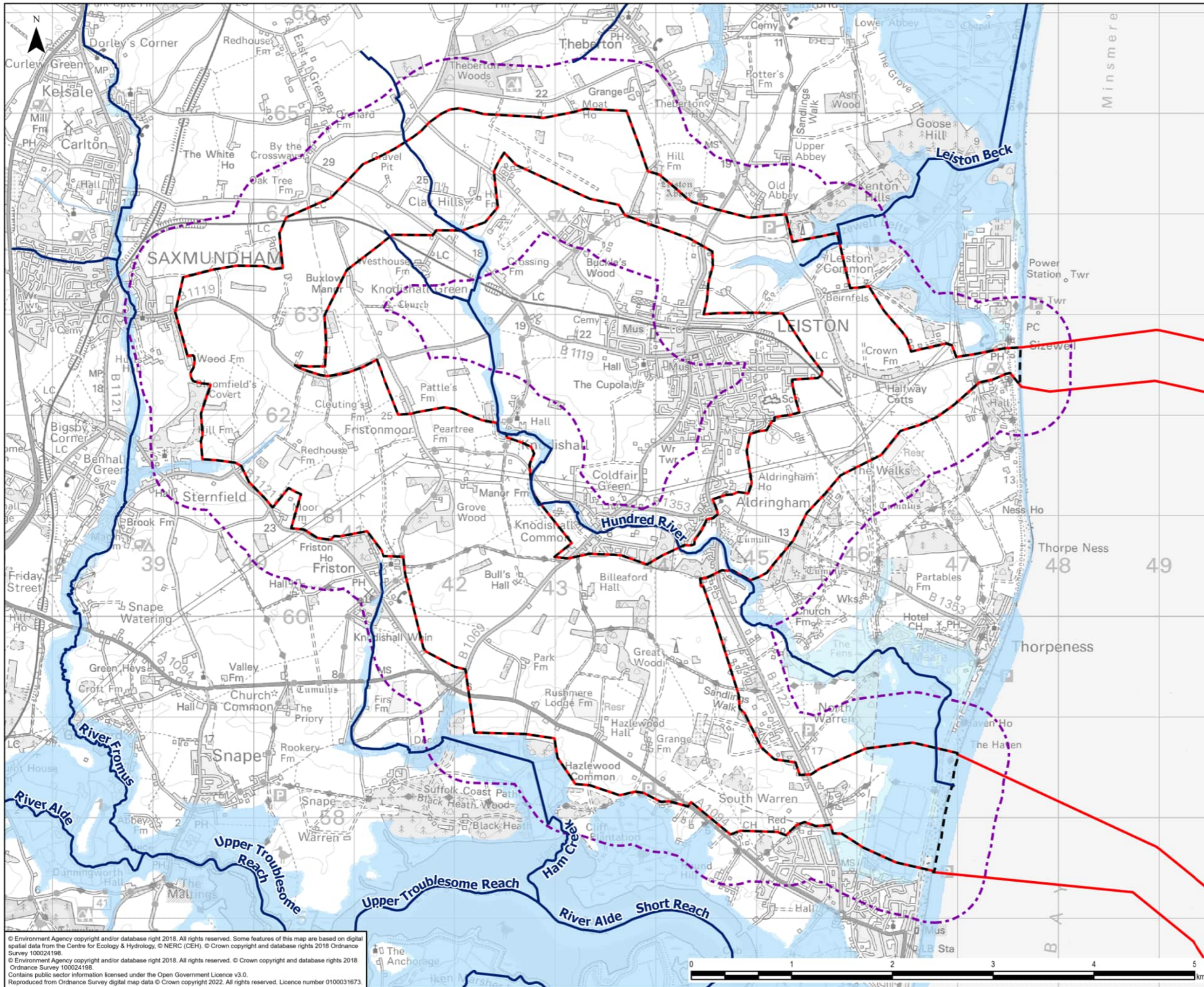
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- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk HER Non-Designated Asset (point)
  - Suffolk HER Non-Designated Asset (polyline)
  - Suffolk HER Non-Designated Asset (polygon)

0	28/07/2022	SCOPING REPORT	EB	DF	JS
Rev	Date	Description	GIS	Chk	App
		<b>nationalgrid</b>			
Scheme:		SEA LINK			
Document Title:		NON-DESIGNATED CULTURAL HERITAGE ASSETS WITHIN THE SCOPING BOUNDARY			
Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	28/07/2022	DF	28/07/2022	JS	28/07/2022
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 2.4.2	1:30,000	A3	1	0	

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- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary - 500m Buffer
  - Main River
  - Flood Zone 2
  - Flood Zone 3

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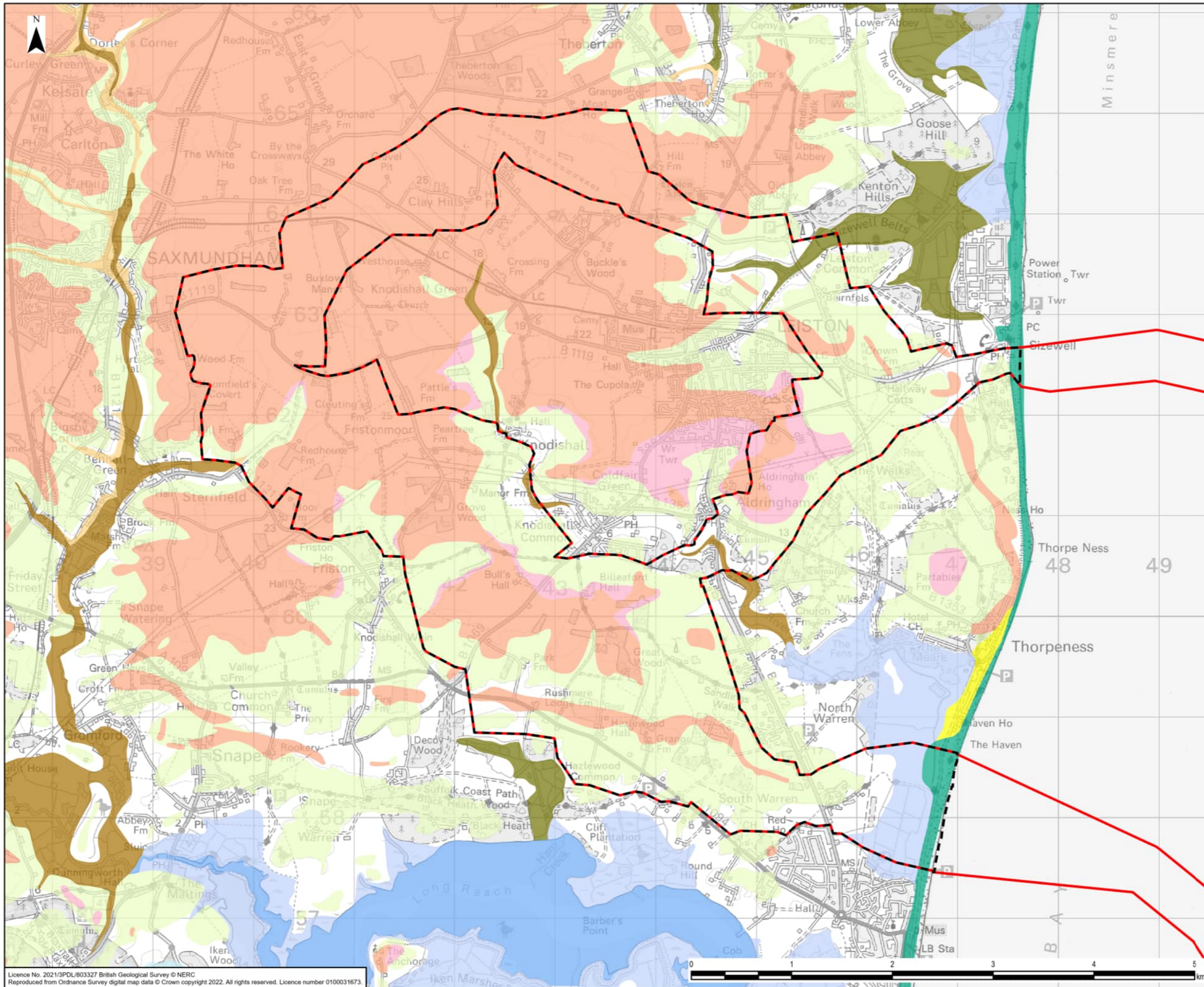
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Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK  
 Document Title: WATER ENVIRONMENT STUDY AREA AND EXISTING FEATURES

Creator: EB	Date: 26/07/2022	Checker: DF	Date: 26/07/2022	Approver: CC	Date: 26/07/2022
Document Ref: FIGURE 2.5.1	Scale: 1:35,000	Format: A3	Sheets: 1	Rev: 0	





**Legend**

- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary

**Superficial Geology**

- Alluvium - Clay, Silt, Sand and Gravel
- Blown Sand - Sand
- Head - Clay, Silt, Sand and Gravel

**Kesgrave Catchment Subgroup - Sand and Gravel**

- Lowestoft Formation - Clay and Silt
- Lowestoft Formation - Diamicton
- Lowestoft Formation - Sand and Gravel

**Marine Beach Deposits - Sand and Gravel**

- Peat - Peat

**Sand and Gravel of Uncertain Age and Origin - Sand and Gravel**

- Tidal Flat Deposits - Clay and Silt
- Tidal Flat Deposits, 1 - Clay and Silt

0	11/08/2022	SCOPING REPORT	EB	DF	NC
Rev	Date	Description	GIS	Chk	App

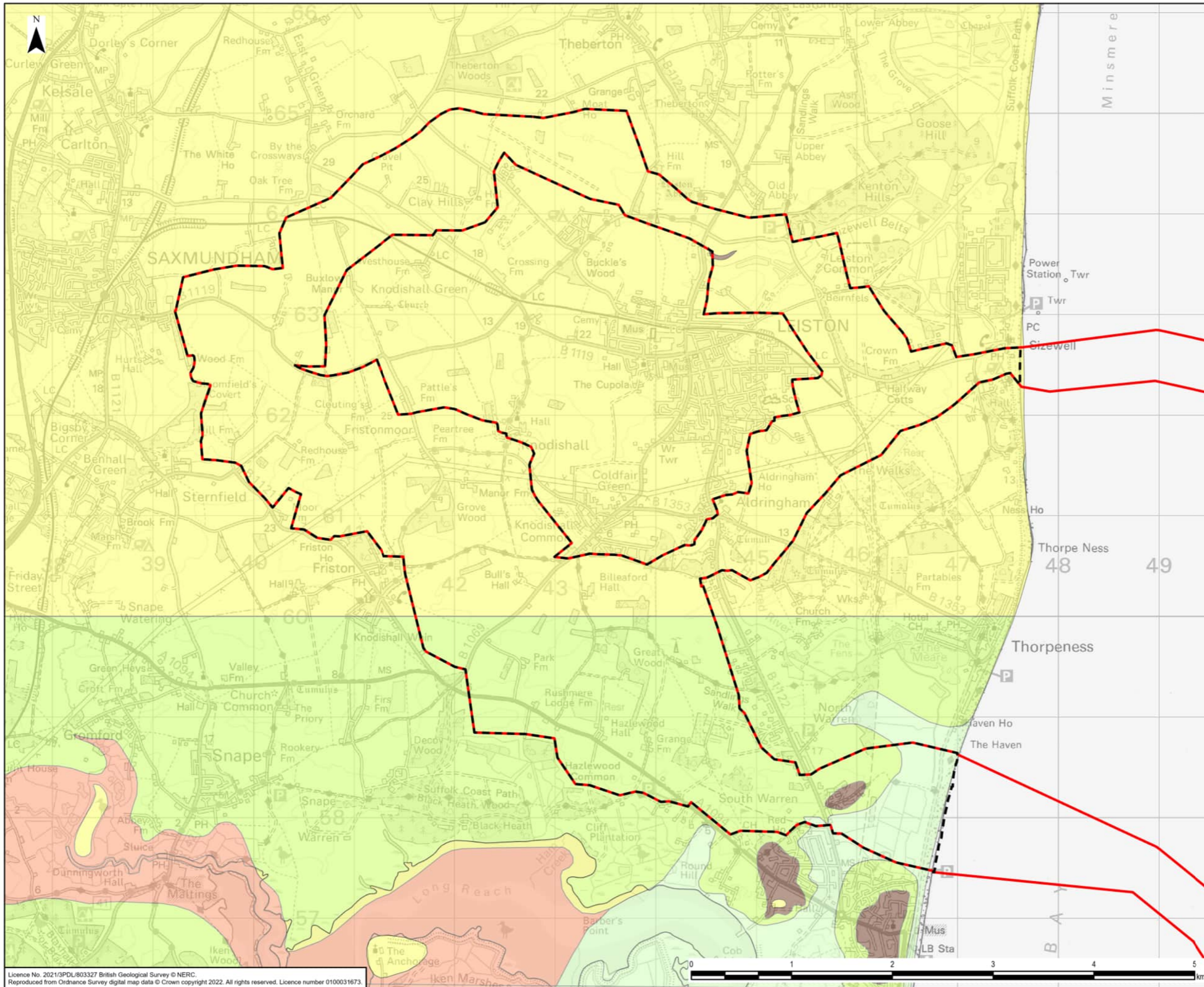
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Scheme: SEA LINK

Document Title: SUPERFICIAL GEOLOGY

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	11/08/2022	DF	11/08/2022	NC	11/08/2022
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 2.6.1	1:35,000	A3	1	0	

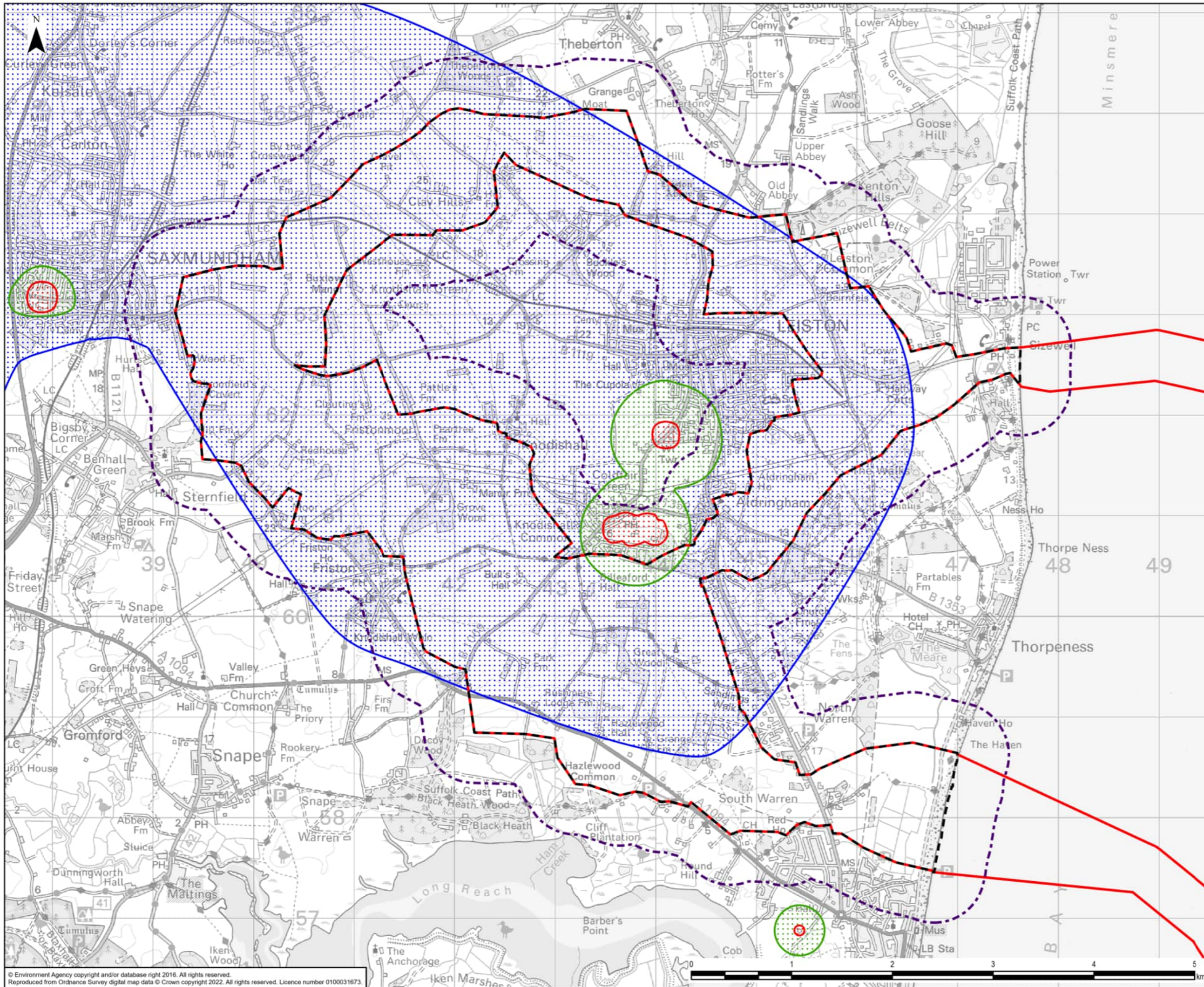
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- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
- Bedrock Geology**
- Chillesford Church Sand Member - Sand
  - Chillesford Clay Member - Clay, Silty
  - Coralline Crag Formation - Calcarenite
  - Crag Group - Sand
  - Red Crag Formation - Sand

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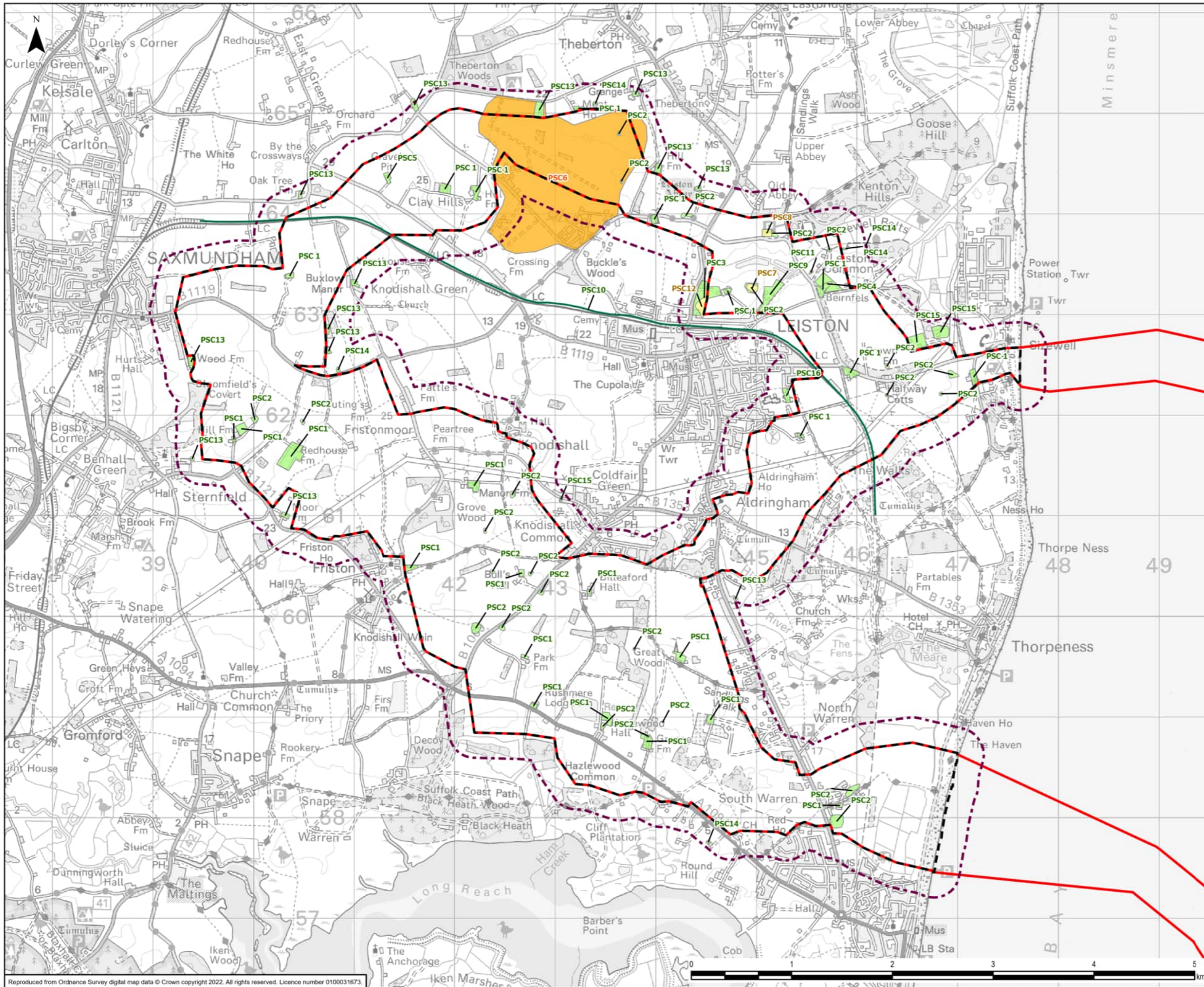
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Rev	Date	Description	GIS	Chk	App
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Scheme:			SEA LINK		
Document Title:			BEDROCK GEOLOGY		
Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	11/08/2022	DF	11/08/2022	NC	11/08/2022
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 2.6.2	1:35,000	A3	1	0	



- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary - 500m Buffer
- Source Protection Zone**
- Zone I - Inner Protection Zone
  - Zone II - Outer Protection Zone
  - Zone III - Total Catchment

0	26/07/2022	SCOPING REPORT	EB	DF	NC
Rev	Date	Description	GIS	Chk	App
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Scheme:		SEA LINK			
Document Title:		HYDROGEOLOGY			
Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	26/07/2022	DF	26/07/2022	NC	26/07/2022
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 2.6.3	1:35,000	A3	1	0	

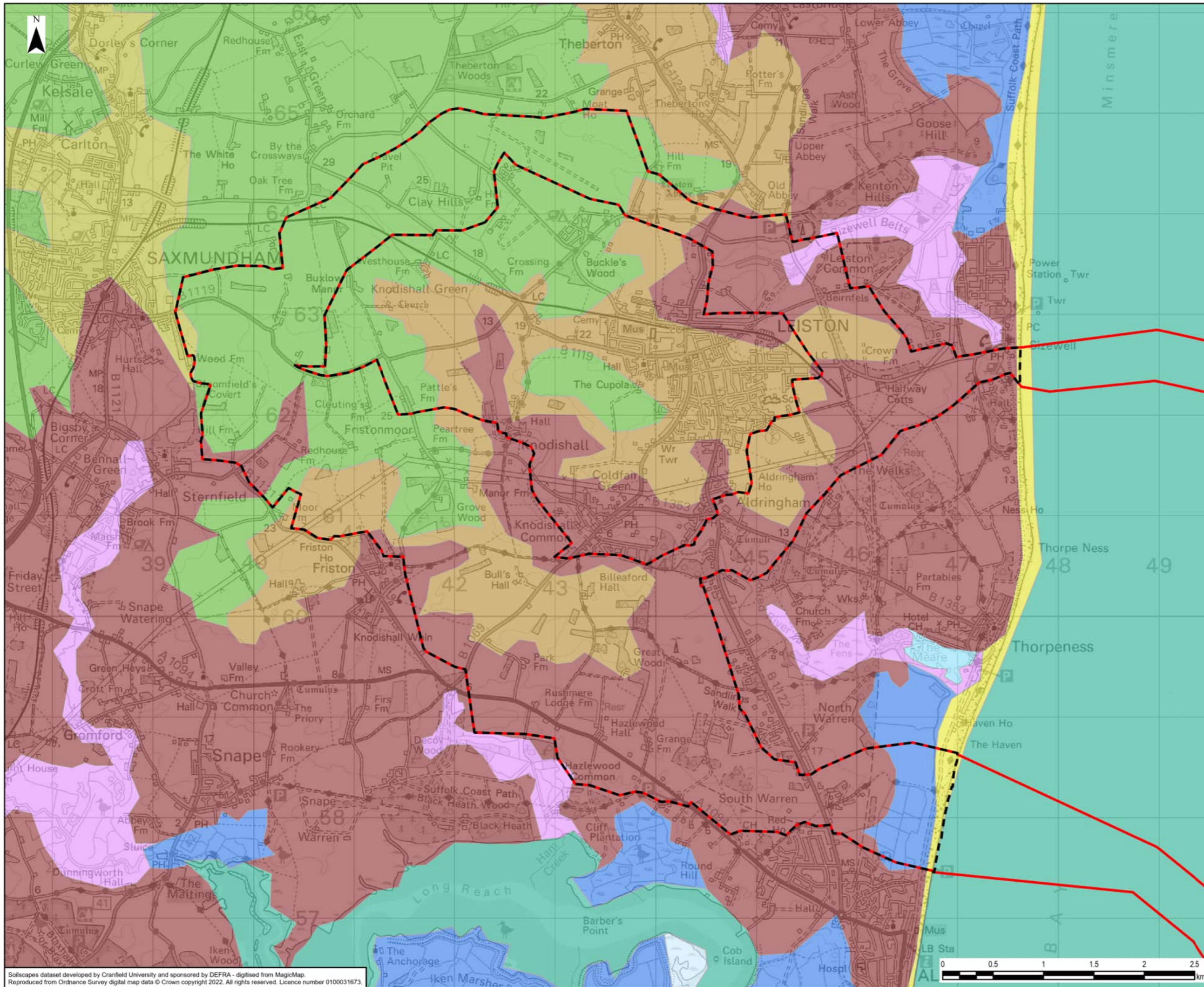
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**Legend**

- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary - 250m Buffer
- Potential Sources of Contamination (line)
  - Very Low / Low Risk
- Potential Sources of Contamination (area)
  - Very Low / Low Risk
  - Moderate Risk
  - Moderate / High Risk

0	09/08/2022	SCOPING REPORT	EB	DF	NC
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: POTENTIAL SOURCES OF CONTAMINATION					
Creator: EB	Date: 09/08/2022	Checker: DF	Date: 09/08/2022	Approver: NC	Date: 09/08/2022
Document Ref: FIGURE 2.6.4	Scale: 1:35,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
- Soilscapes**
- 1 - Saltmarsh soils
  - 4 - Sand Dune Soils
  - 7 - Freely draining slightly acid but base-rich soils
  - 9 - Lime-rich loamy and clayey soils with impeded drainage
  - 10 - Freely draining slightly acid sandy soils
  - 18 - Slowly permeable seasonally wet slightly acid but base-rich loamy and clayey soils
  - 21 - Loamy and clayey soils of coastal flats with naturally high groundwater
  - 27 - Fen peat soils
  - 28 - Sea
  - 31 - Water

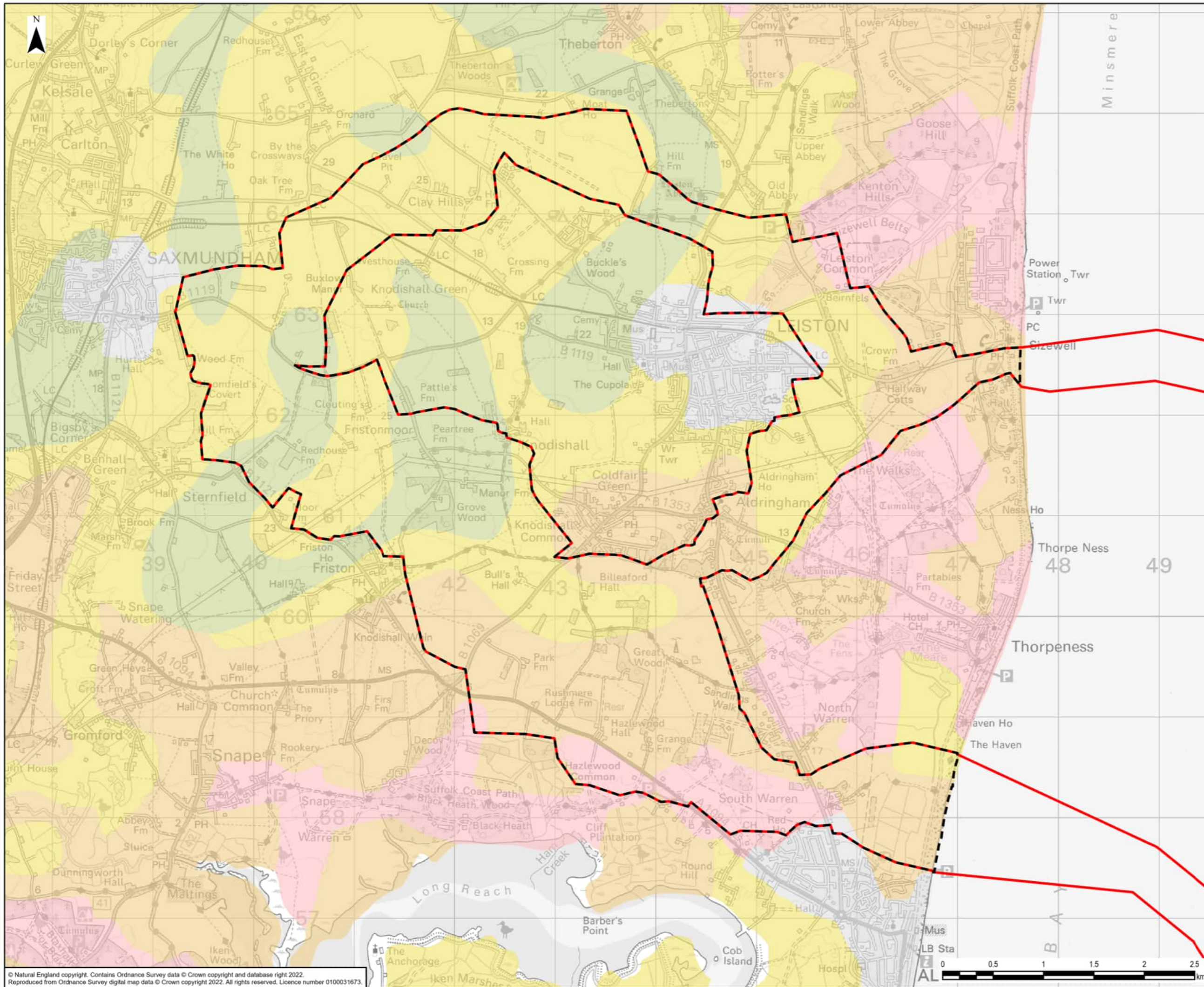
0	16/08/2022	SCOPING REPORT	EB	DF	BL
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**nationalgrid**

Scheme: SEA LINK  
 Document Title: SOILSCAPE MAPPING

Creator: EB	Date: 16/08/2022	Checker: DF	Date: 16/08/2022	Approver: BL	Date: 16/08/2022
Document Ref: FIGURE 2.7.1	Scale: 1:35,000	Format: A3	Sheets: 1	Rev: 0	

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**Legend**

- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary

**Agricultural Land Classification**

- Grade 2
- Grade 3
- Grade 4
- Non Agricultural
- Urban

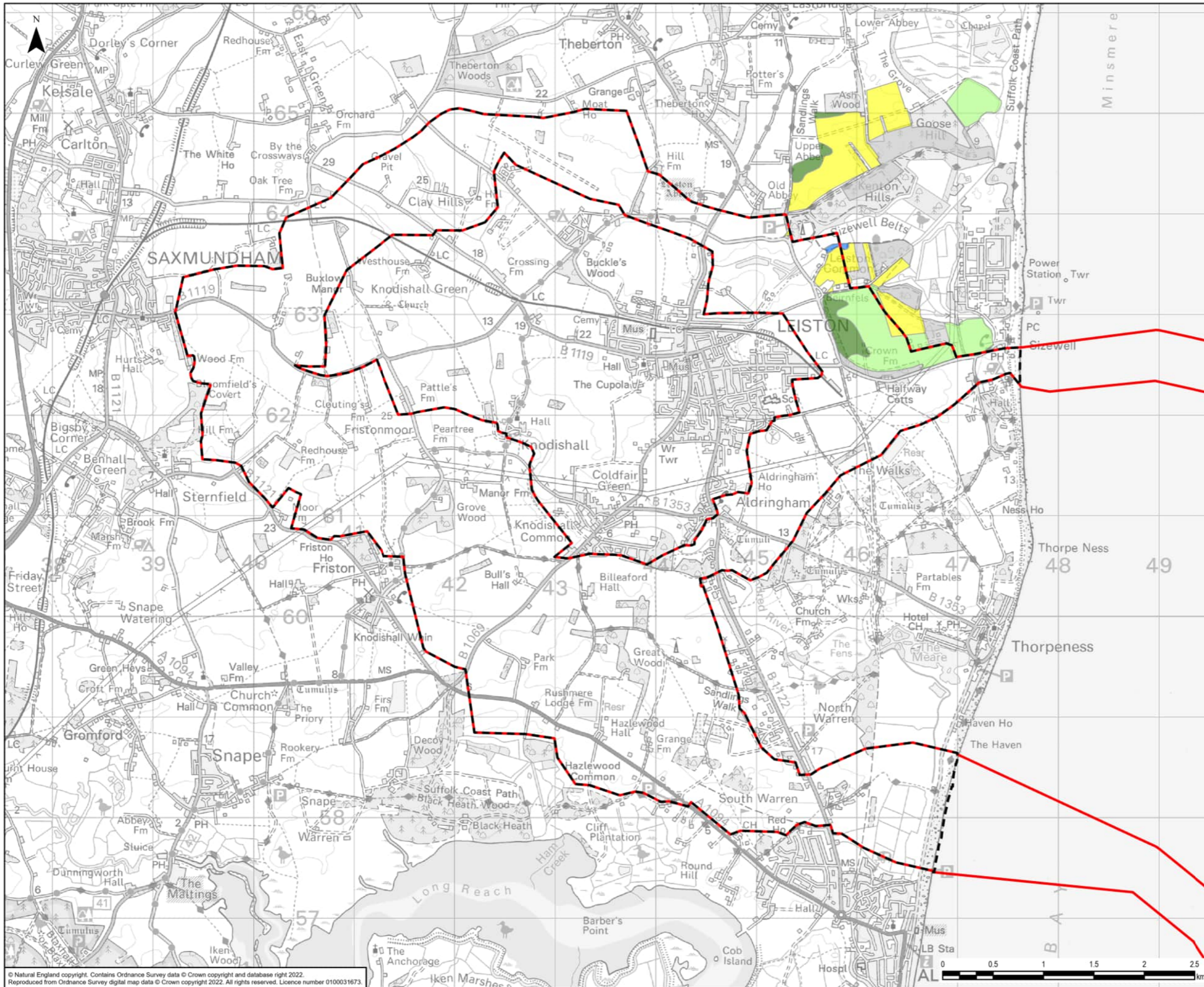
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Rev	Date	Description	GIS	Chk	App



Scheme: SEA LINK  
 Document Title: PROVISIONAL AGRICULTURAL LAND CLASSIFICATION MAPPING

Creator: EB	Date: 26/07/2022	Checker: DF	Date: 26/07/2022	Approver: BL	Date: 26/07/2022
Document Ref: FIGURE 2.7.2	Scale: 1:35,000	Format: A3	Sheets: 1	Rev: 0	

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**Legend**

- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary

**Post 1988 Agricultural Land Classification**

- Grade 1
- Grade 3a
- Grade 3b
- Grade 4
- Other

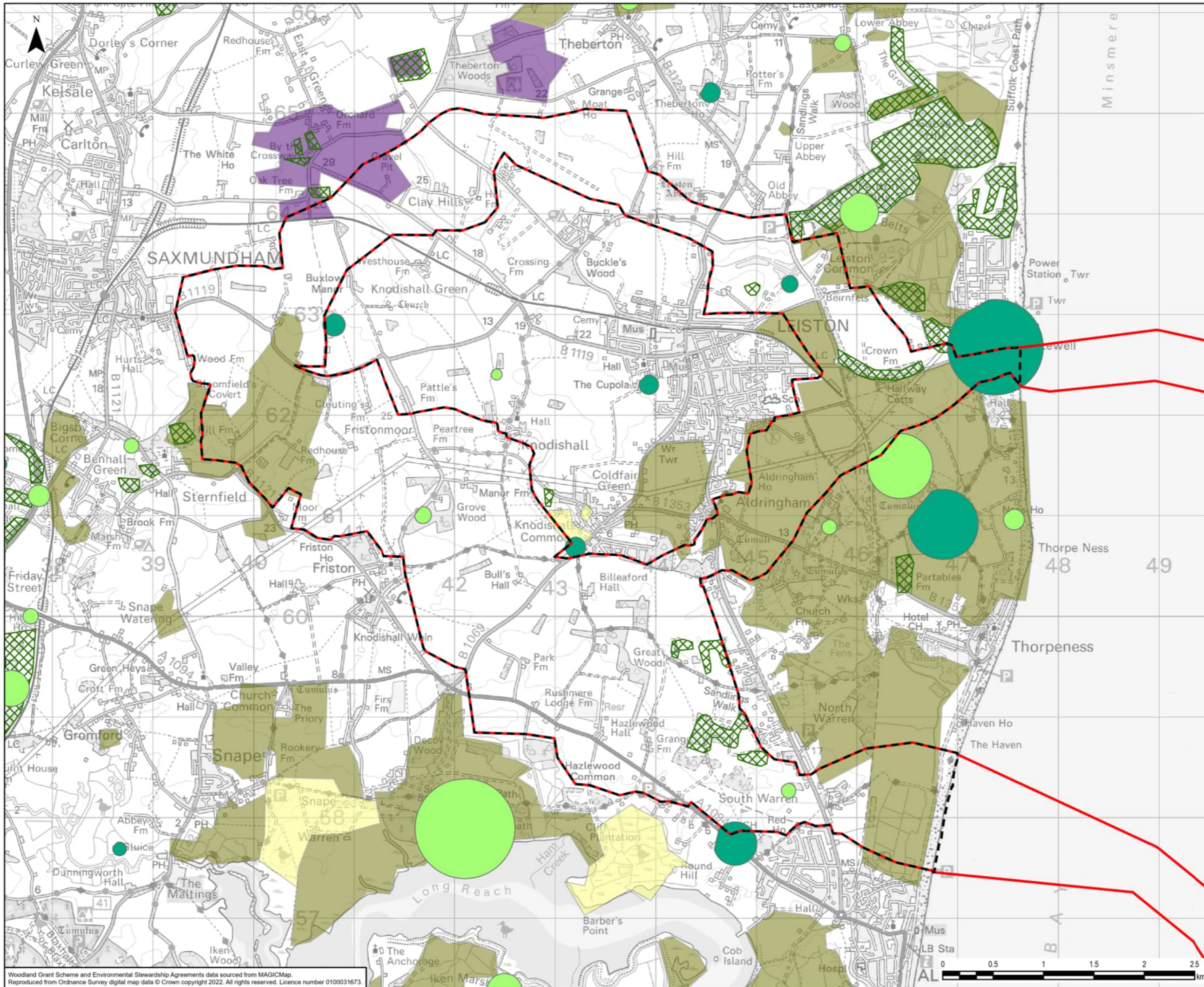
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Scheme: SEA LINK  
 Document Title: DETAILED AGRICULTURAL LAND CLASSIFICATION MAPPING

Creator: EB	Date: 26/07/2022	Checker: DF	Date: 26/07/2022	Approver: BL	Date: 26/07/2022
Document Ref: FIGURE 2.7.3	Scale: 1:35,000	Format: A3	Sheets: 1	Rev: 0	

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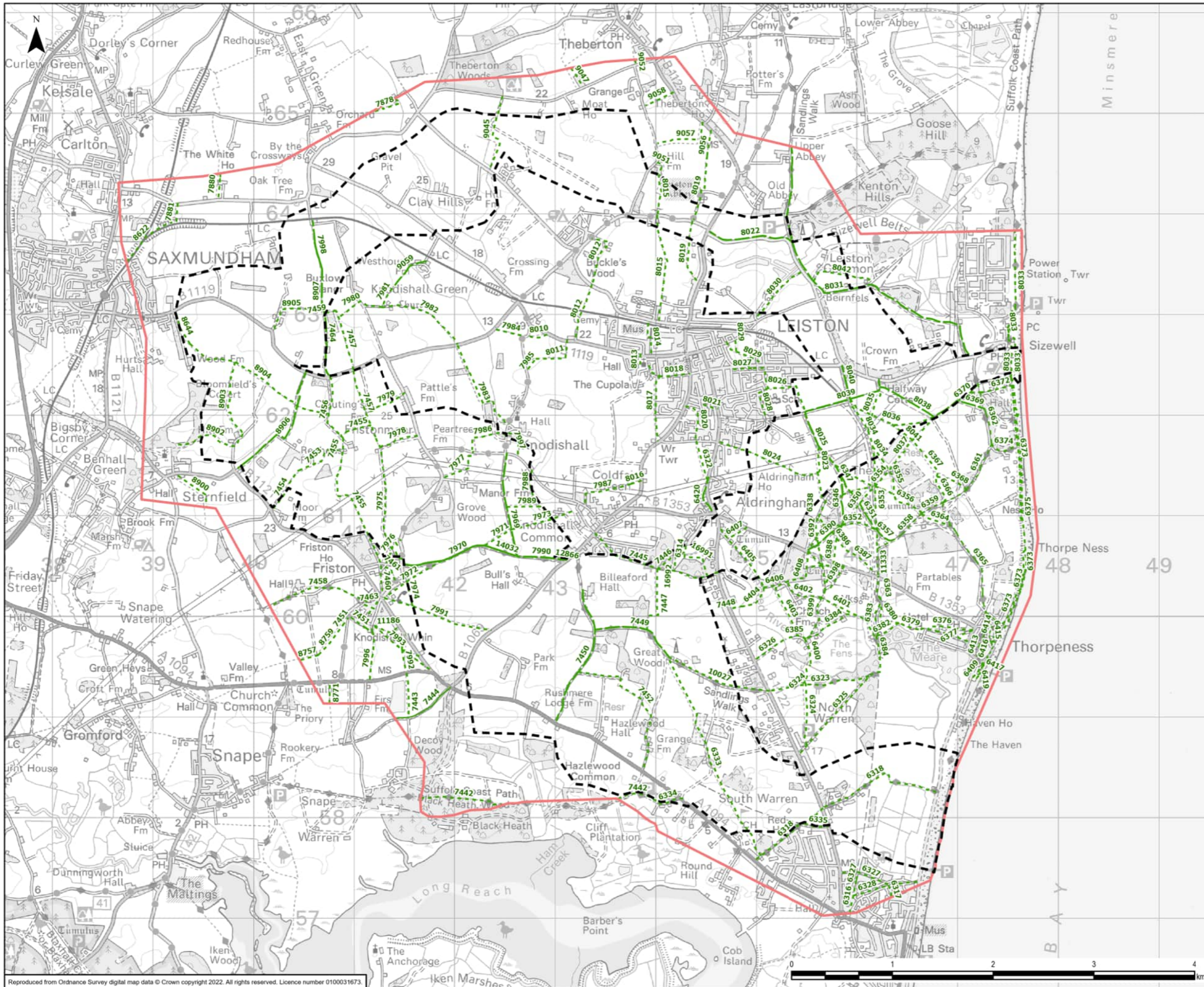


- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Woodland Grant Scheme 1
  - Woodland Grant Scheme 2
  - Woodland Grant Scheme 3
- Environmental Stewardship Agreements**
- Entry Level plus Higher Level Stewardship
  - Higher Level Stewardship
  - Organic Entry Level plus Higher Level Stewardship

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Document Title: ENVIRONMENTAL STEWARDSHIP AGREEMENTS AND WOODLAND GRANT SCHEMES					
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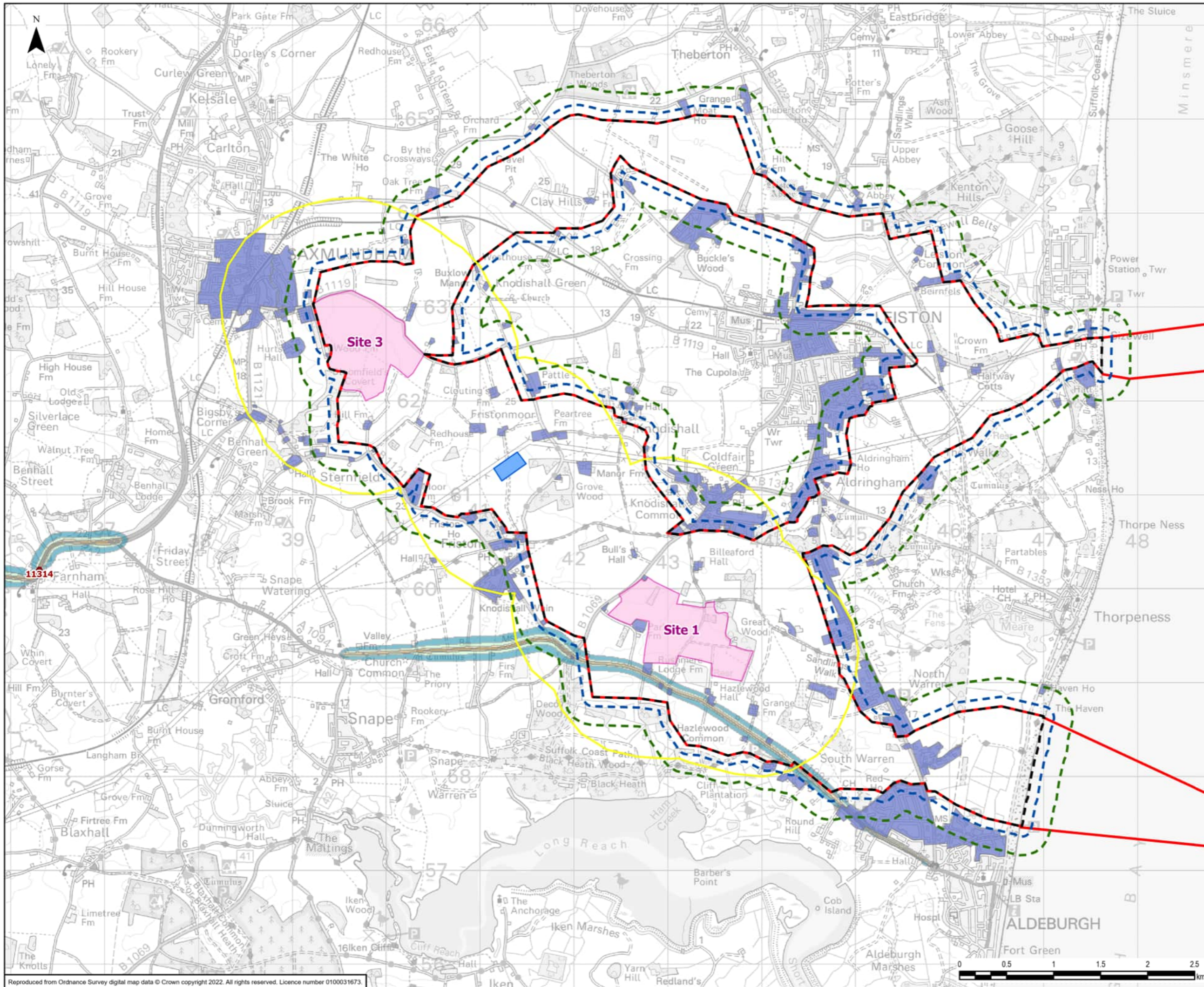




- Legend**
- Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Traffic & Transport Study Area Boundary
  - Public Rights of Way**
  - Footpath
  - Bridleway
  - Byway Open to All Traffic
  - Restricted Byway

0	28/07/2022	SCOPING REPORT	EB	DF	MA
Rev	Date	Description	GIS	Chk	App
Scheme: SEA LINK					
Document Title: PROPOSED STUDY AREA IN SUFFOLK (TRAFFIC AND TRANSPORT)					
Creator: EB	Date: 28/07/2022	Checker: DF	Date: 28/07/2022	Approver: MA	Date: 28/07/2022
Document Ref: FIGURE 2.8.1	Scale: 1:35,000	Format: A3	Sheets: 1	Rev: 0	

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**Legend**

- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary
- 300m Construction Noise Study Area
- 100m Construction Vibration Study Area
- 1km Operational Noise Study Area
- Friston Substation Site Area
- Converter Station Sites
- Noise and Vibration Sensitive Receptors
- Noise Important Area

**Defra Road Traffic Noise, dBA**

- 55.0-59.9
- 60.0-64.9
- 65.0-69.9
- 70.0-74.9

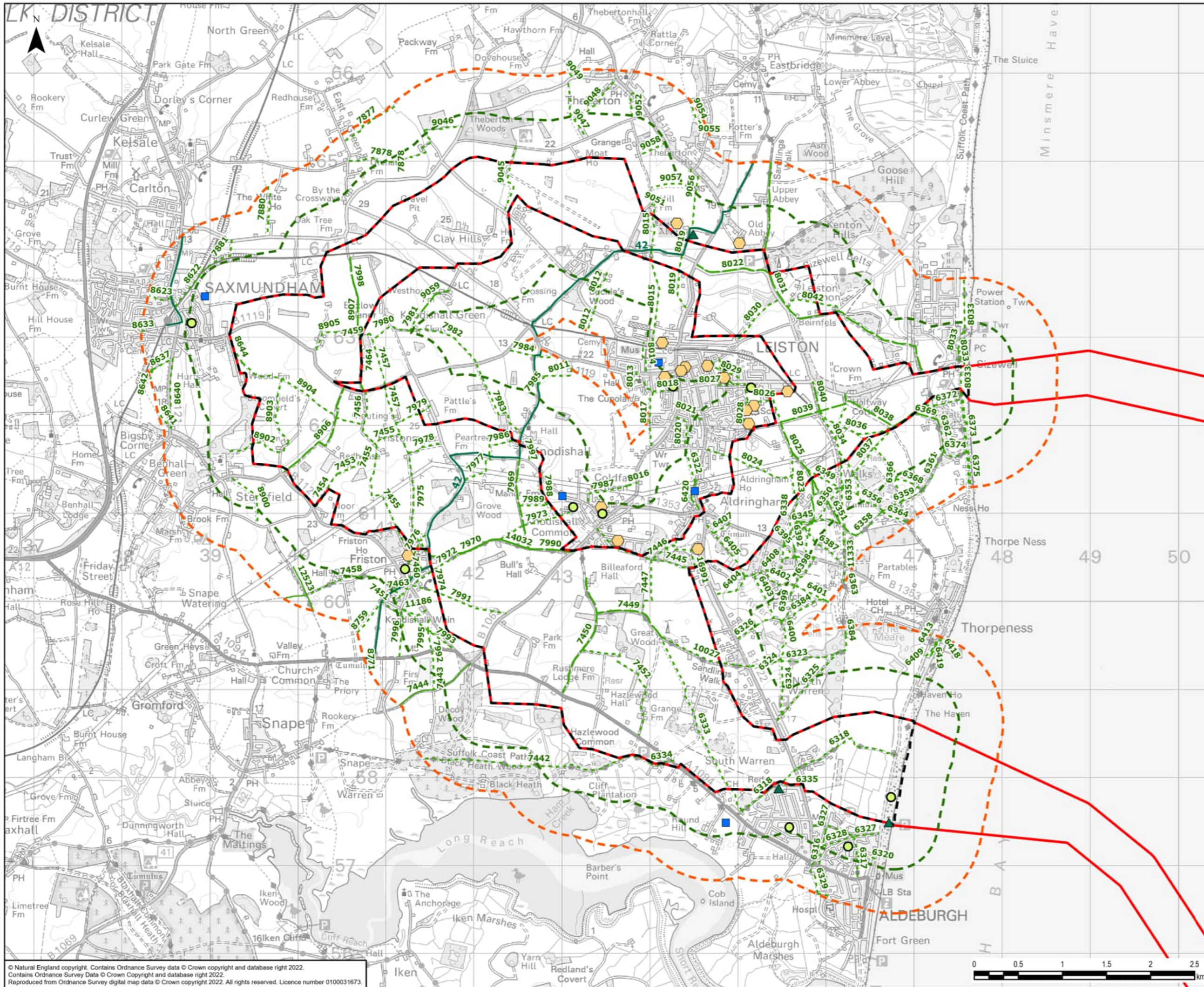
0	15/07/2022	SCOPING REPORT	EB	DF	DG
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK

Document Title: NOISE AND VIBRATION BASELINE - SUFFOLK

Creator: EB	Date: 15/07/2022	Checker: DF	Date: 15/07/2022	Approver: DG	Date: 15/07/2022
Document Ref: FIGURE 2.10.1	Scale: 1:37,500	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary - 500m Buffer
  - Suffolk Onshore Scheme Scoping Boundary - 1km Buffer
  - Open Space
  - Community Facilities
  - ▲ Visitor Attractions
  - Development Land
  - National Cycle Network Route
  - Public Rights of Way
  - Public Footpath
  - Bridleway
  - Byway Open to All Traffic
  - Restricted Byway

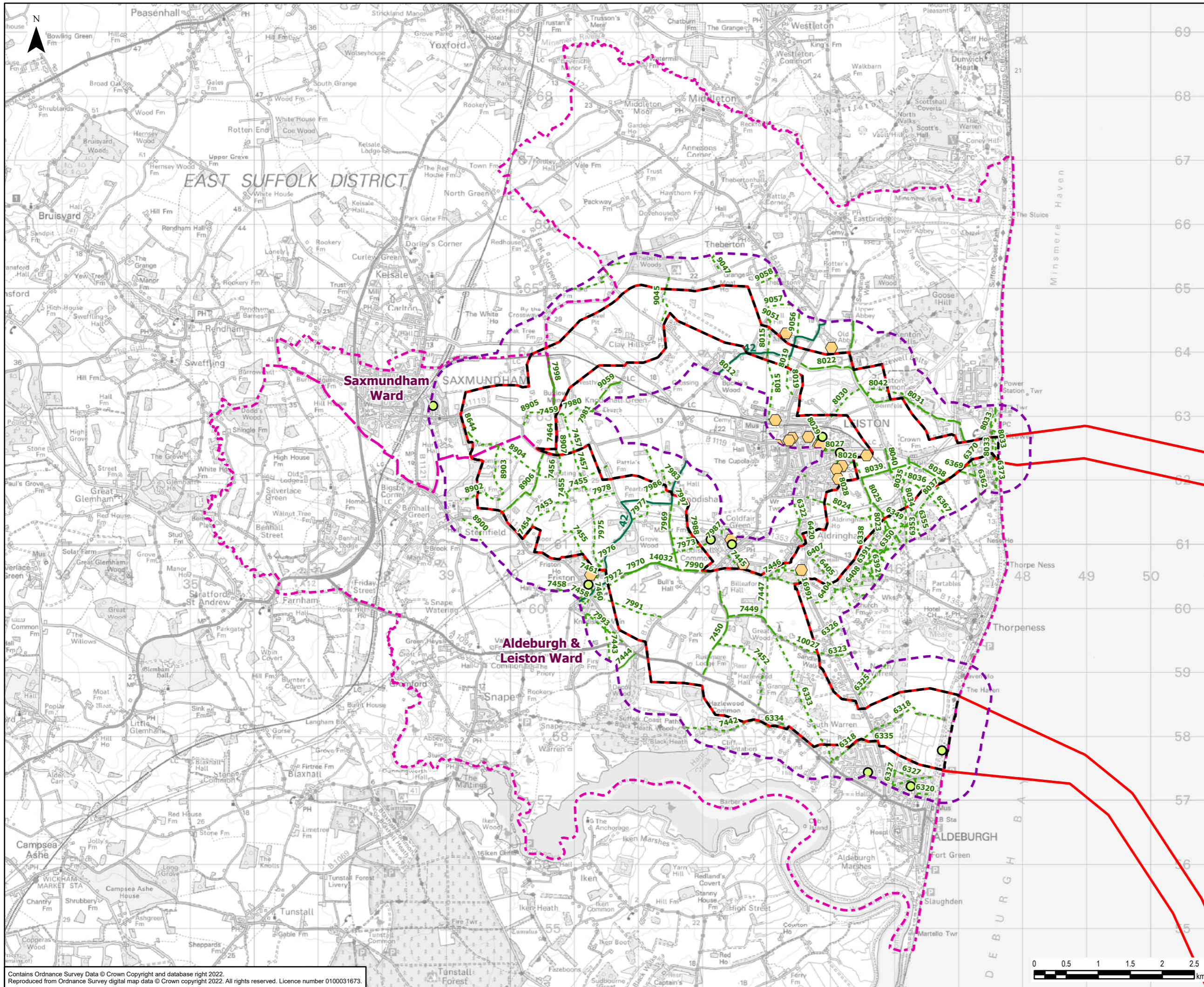
0	22/07/2022	SCOPING REPORT	EB	DF	JR
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK  
 Document Title: SUFFOLK ONSHORE SCHEME SOCIO-ECONOMIC, RECREATION AND TOURISM - STUDY AREAS AND RECEPTORS

Creator: EB	Date: 22/07/2022	Checker: DF	Date: 22/07/2022	Approver: EW	Date: 22/07/2022
Document Ref: FIGURE 2.11.1	Scale: 1:40,000	Format: A3	Sheets: 1	Rev: 0	

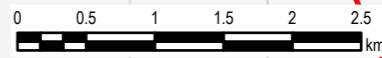
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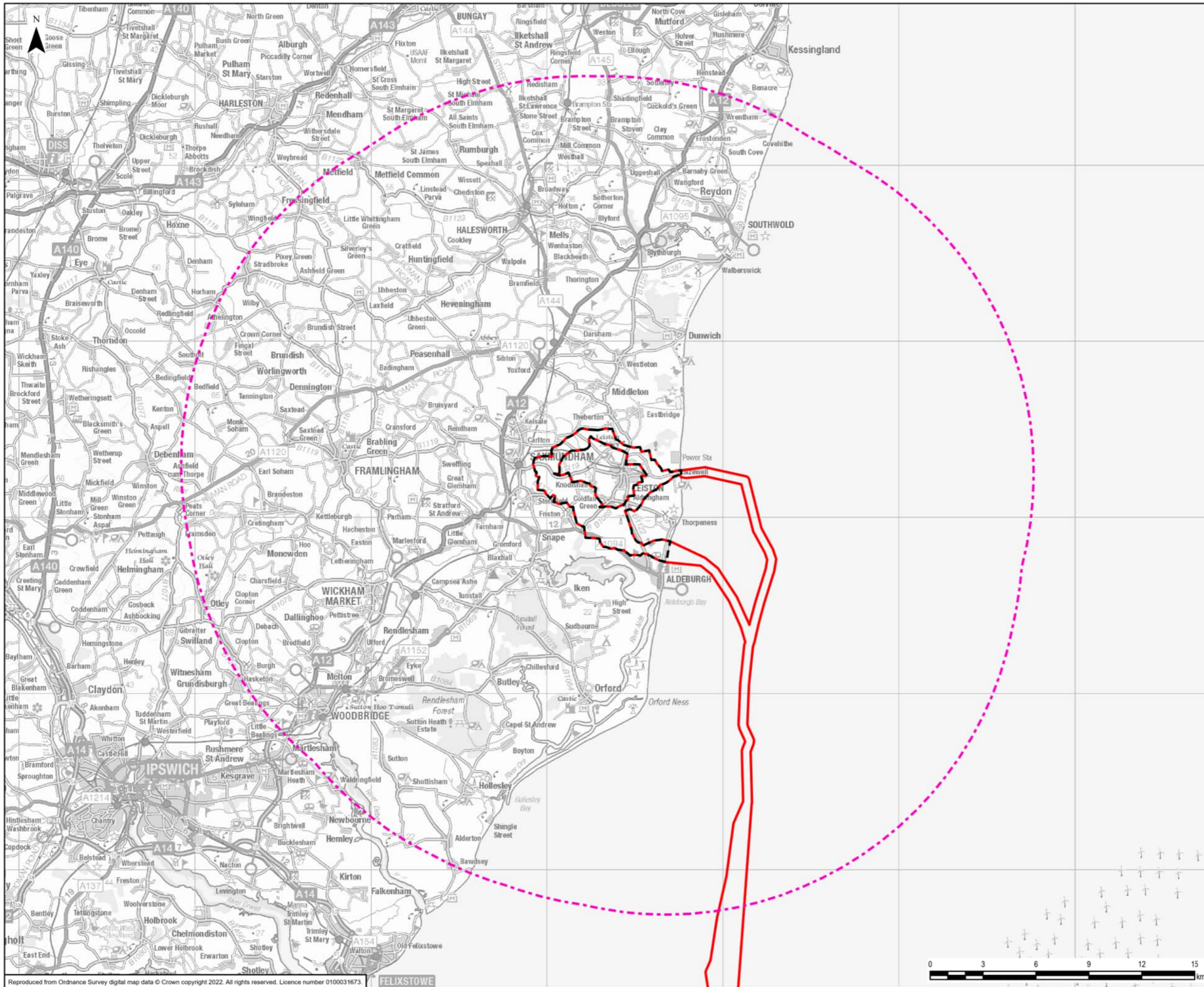


- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary - 500m Buffer
  - Human Health Profile Baseline Study Area
  - Open Space within 500m
  - ⬠ Community Facilities within 500m
  - National Cycle Network Route within 500m
  - Public Rights of Way within 500m
    - Public Footpath
    - Bridleway
    - Byway Open to All Traffic
    - Restricted Byway

0	26/09/2022	SCOPING REPORT	EB	DF	EW
Rev	Date	Description	GIS	Chk	App
Scheme: SEA LINK					
Document Title: SUFFOLK ONSHORE SCHEME HEALTH AND WELLBEING STUDY AREAS AND RECEPTORS					
Creator:	EB	Date:	26/09/2022	Checker:	DF
Date:	26/09/2022	Checker:	DF	Approver:	EW
Document Ref:	FIGURE 2.12.1	Scale:	1:55,000	Format:	A3
Sheets:	1	Rev:	0		

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**Legend**

- Project Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary
- Suffolk Onshore Scheme Scoping Boundary - Cumulative Zone of Influence

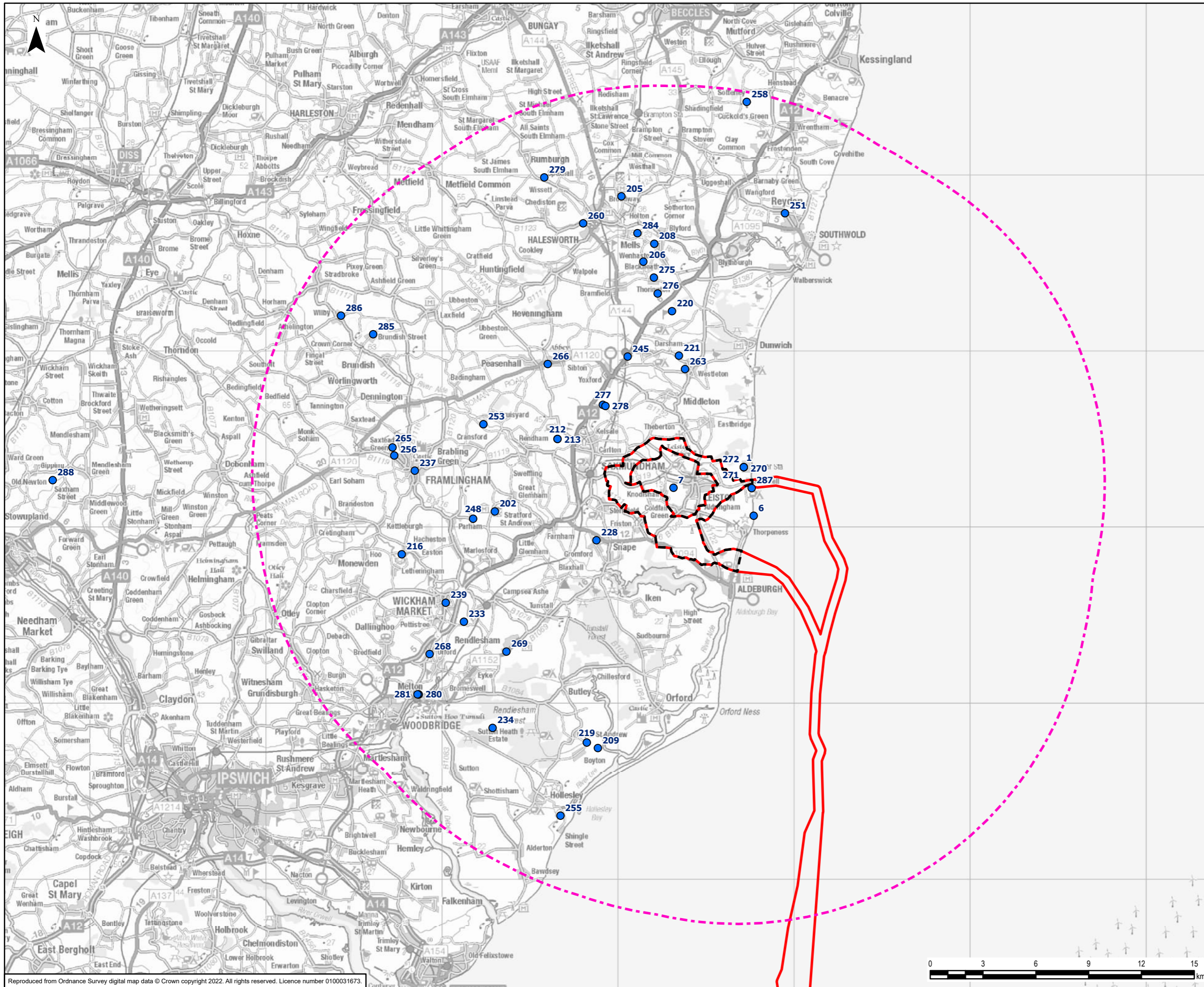
0	01/08/2022	SCOPING REPORT	EB	DF	SA
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK

Document Title: ZONE OF INFLUENCE FOR SUFFOLK ONSHORE SCHEME

Creator: EB	Date: 01/08/2022	Checker: DF	Date: 01/08/2022	Approver: SA	Date: 01/08/2022
Document Ref: FIGURE 2.13.1	Scale: 1:200,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary - Cumulative Zone of Influence
  - Cumulative Long List Developments

0	29/09/2022	SCOPING REPORT	EB	DF	SA
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

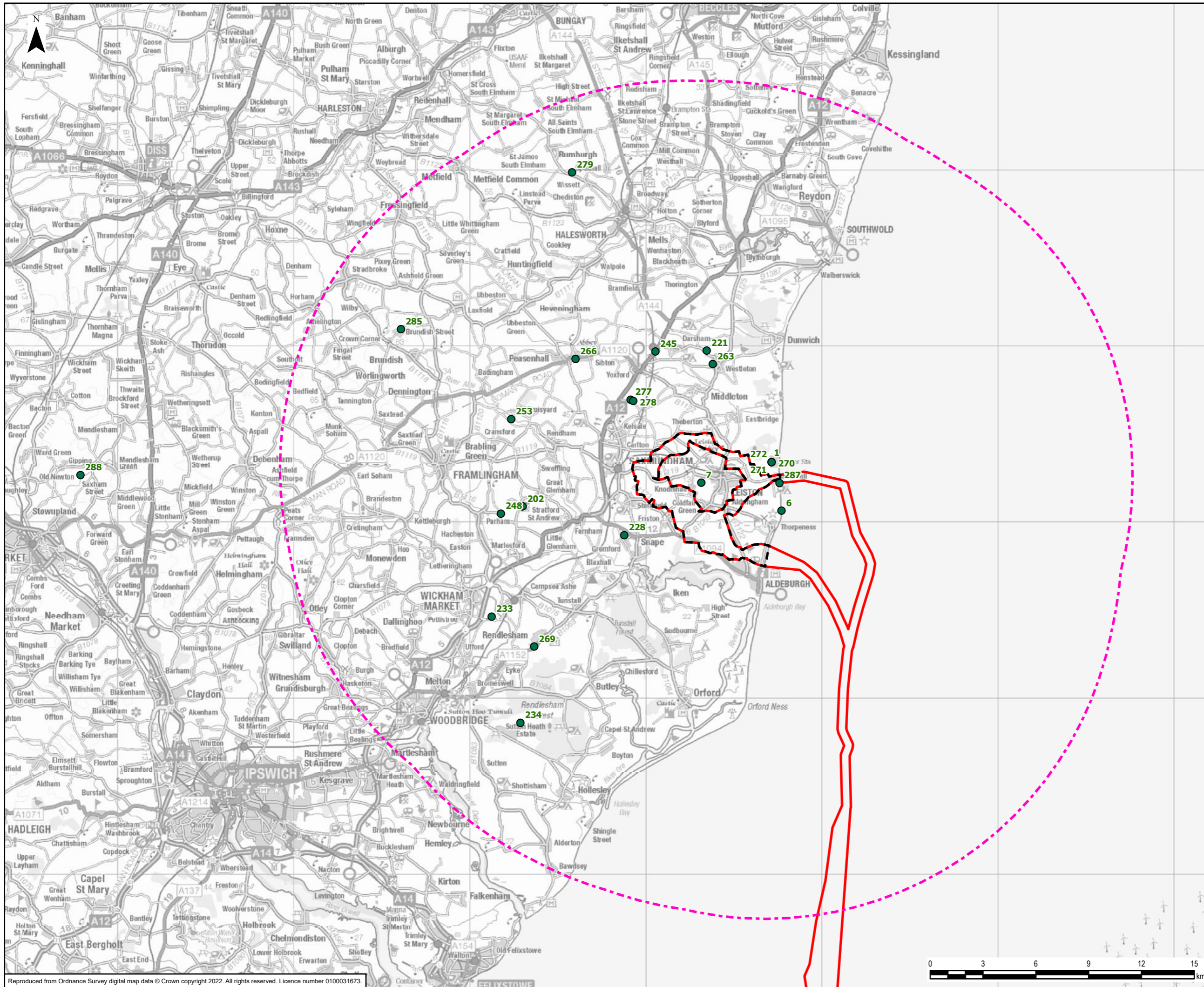
Scheme: SEA LINK

Document Title:  
ALL PROJECTS AND DEVELOPMENT PLANS LOCATED WITHIN THE ZONE OF INFLUENCE FOR SUFFOLK ONSHORE SCHEME

Creator: EB	Date: 29/09/2022	Checker: DF	Date: 29/09/2022	Approver: SA	Date: 29/09/2022
Document Ref: FIGURE 2.13.2	Scale: 1:200,000	Format: A3	Sheets: 1	Rev: 0	



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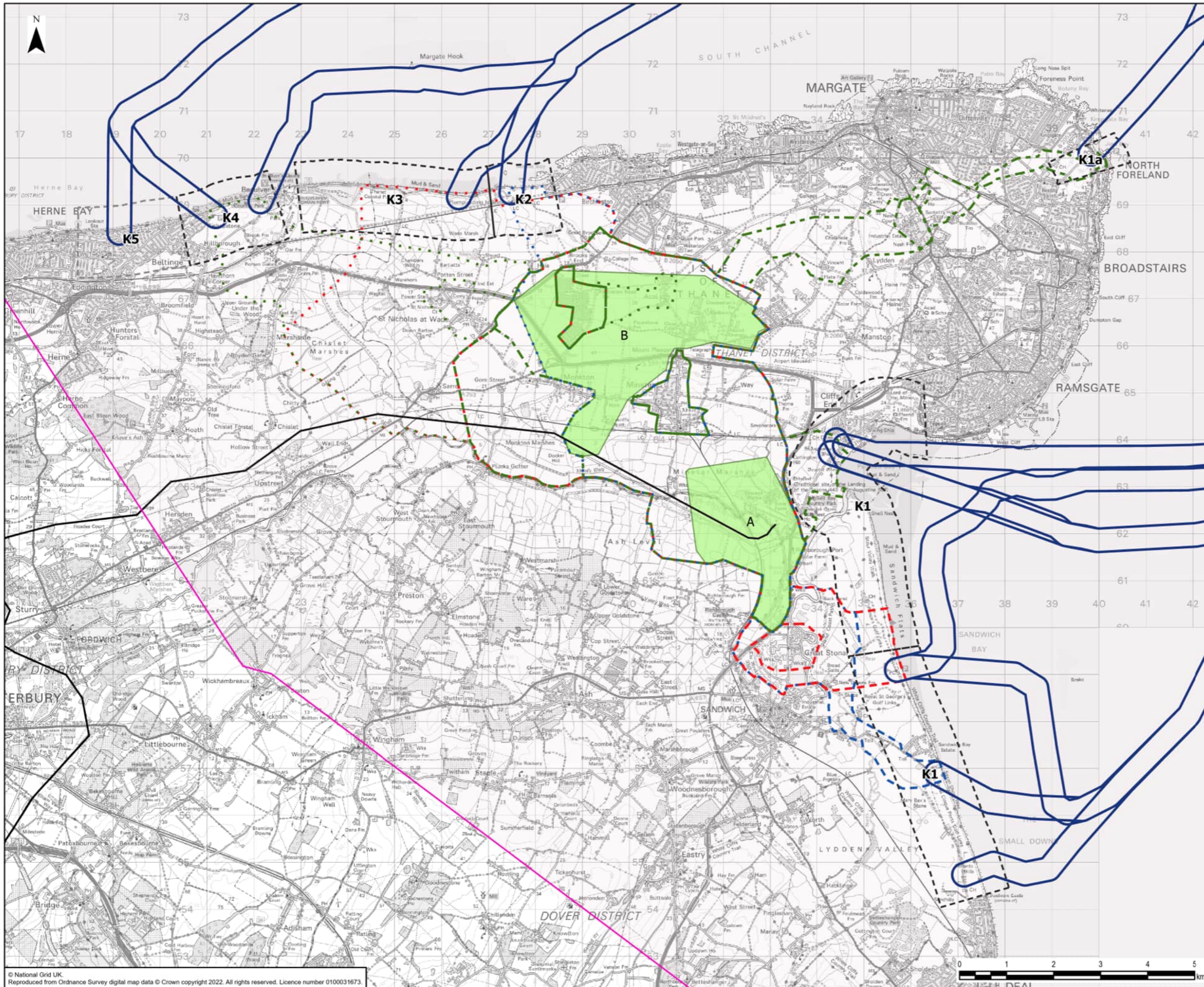
- Legend**
- Project Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary
  - Suffolk Onshore Scheme Scoping Boundary - Cumulative Zone of Influence
  - Cumulative Long List Developments

0	30/09/2022	SCOPING REPORT	EB	DF	SA
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: PROJECTS PROPOSED TO BE TAKEN FORWARD TO STAGE 2 FOR SUFFOLK ONSHORE SCHEME					
Creator: EB	Date: 30/09/2022	Checker: DF	Date: 30/09/2022	Approver: SA	Date: 30/09/2022
Document Ref: FIGURE 2.13.3	Scale: 1:200,000	Format: A3	Sheets: 1	Rev: 0	

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# Part 3- Kent Onshore Scheme





**Legend**

- Routing and Siting Study Area
- National Grid Overhead Line - 400kV
- Converter Site Option Areas
- Landfall Area of Search
- Marine Final Routes

**North Kent Coast**

- Green
- Red
- Blue

**Broadstairs**

- Green

**Pegwell Bay**

- Green
- Red
- Blue

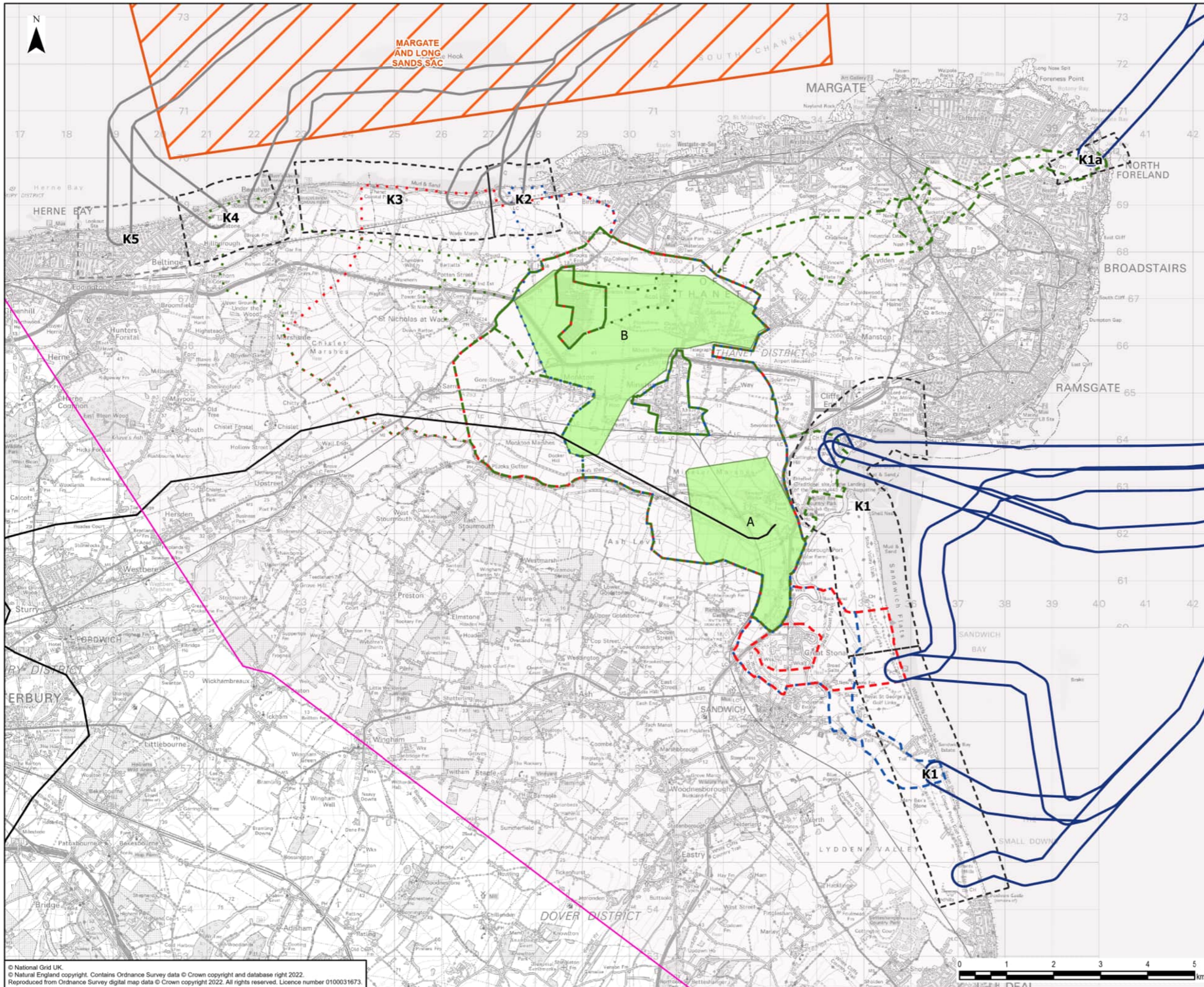
0	21/07/2022	SCOPING REPORT	EB	DF	CC
Rev	Date	Description	GIS	Chk	App



Scheme: SEA LINK  
 Document Title: EVOLUTION OF THE KENT ONSHORE SCHEME - SHEET 1 OF 4

Creator: EB	Date: 21/07/2022	Checker: DF	Date: 21/07/2022	Approver: CC	Date: 21/07/2022
Document Ref: FIGURE 3.1.1	Scale: 1:75,000	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Routing and Siting Study Area
  - National Grid
  - Overhead Line - 400kV
  - Converter Site Option Areas
  - Landfall Area of Search
  - Marine Final Routes
- North Kent Coast**
- Green
  - Red
  - Blue
- Broadstairs**
- Green
  - Red
  - Blue
- Pegwell Bay**
- Green
  - Red
  - Blue
- Special Area of Conservation (SAC)

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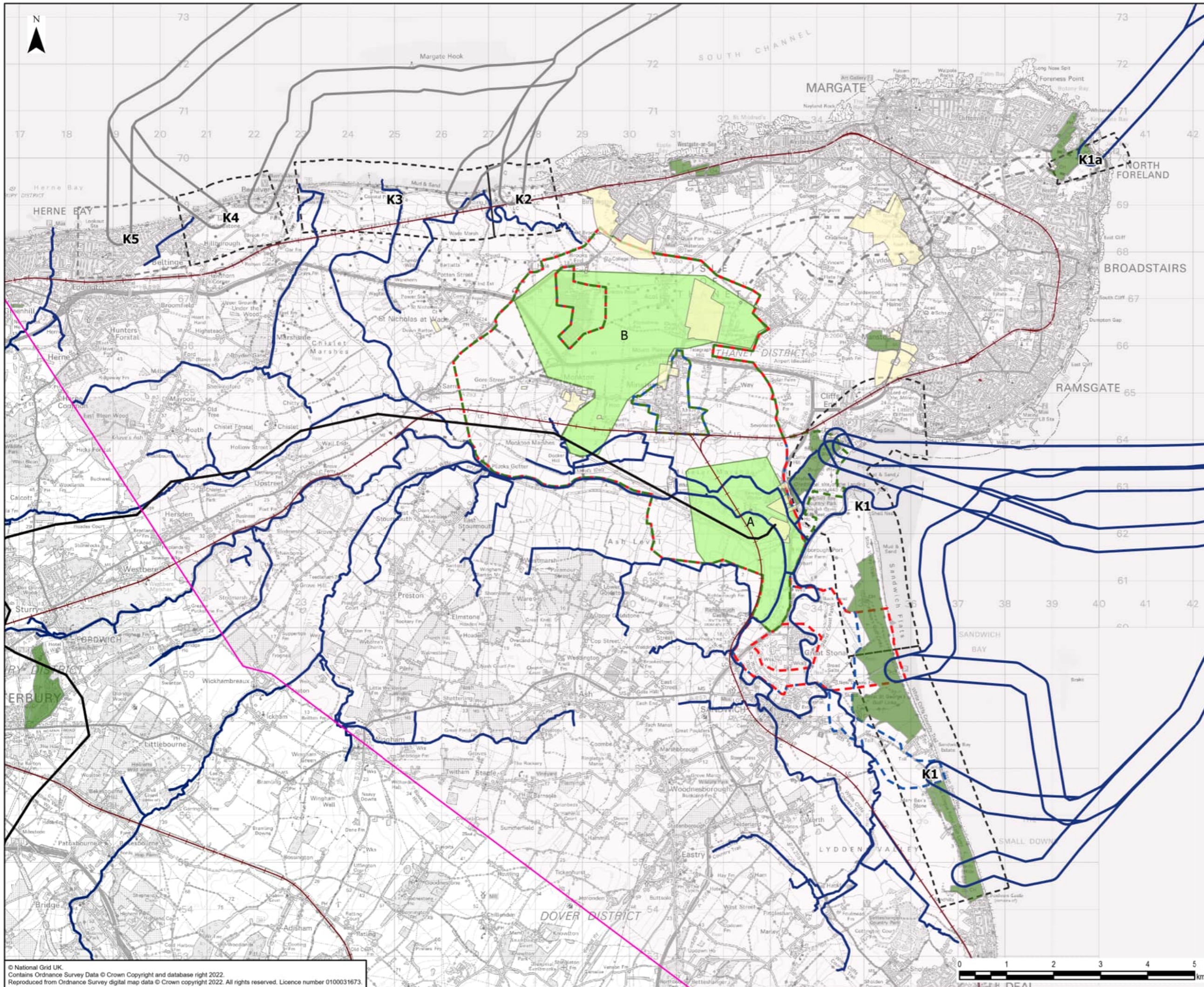


0	21/07/2022	SCOPING REPORT	EB	DF	CC
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK  
 Document Title: EVOLUTION OF THE KENT ONSHORE SCHEME - SHEET 2 OF 4

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	21/07/2022	DF	21/07/2022	CC	21/07/2022
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 3.1.1	1:75,000	A3	1	0	



- Legend**
- Routing and Siting Study Area
  - National Grid Overhead Line - 400kV
  - Converter Site Option Areas
  - Landfall Area of Search
  - Marine Final Routes
- North Kent Coast**
- Green
  - Red
  - Blue
- Broadstairs**
- Green
- Pegwell Bay**
- Green
  - Red
  - Blue
- Local Plan Allocations (Digitised)**
- Allocations (Digitised)
- Rivers
  - Railways
  - Golf Course

0	21/07/2022	SCOPING REPORT	EB	DF	CC
Rev	Date	Description	GIS	Chk	App

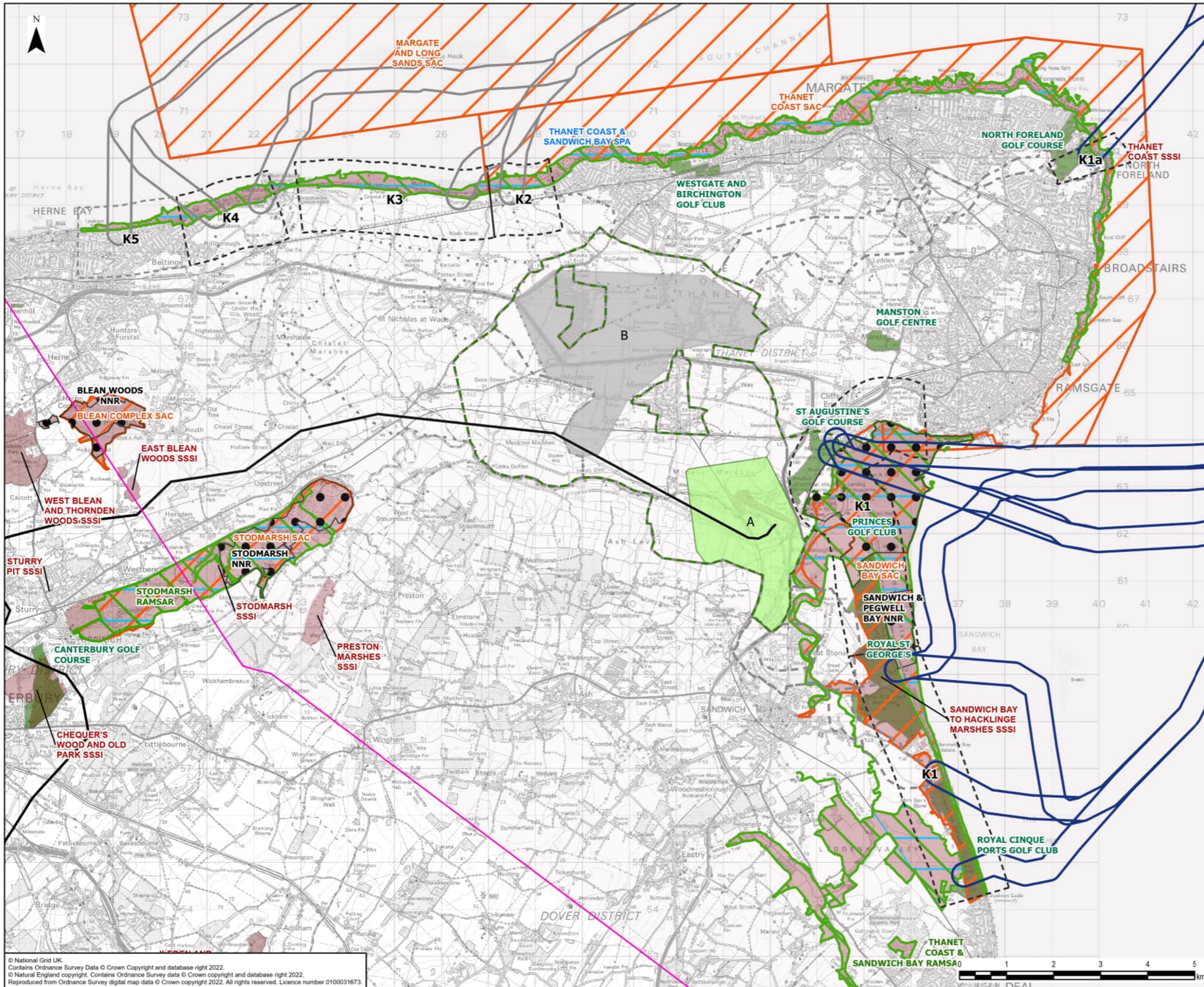
**nationalgrid**

Scheme: SEA LINK

Document Title: EVOLUTION OF THE KENT ONSHORE SCHEME - SHEET 3 OF 4

Creator: EB	Date: 21/07/2022	Checker: DF	Date: 21/07/2022	Approver: CC	Date: 21/07/2022
Document Ref: FIGURE 3.1.1	Scale: 1:75,000	Format: A3	Sheets: 1	Rev: 0	

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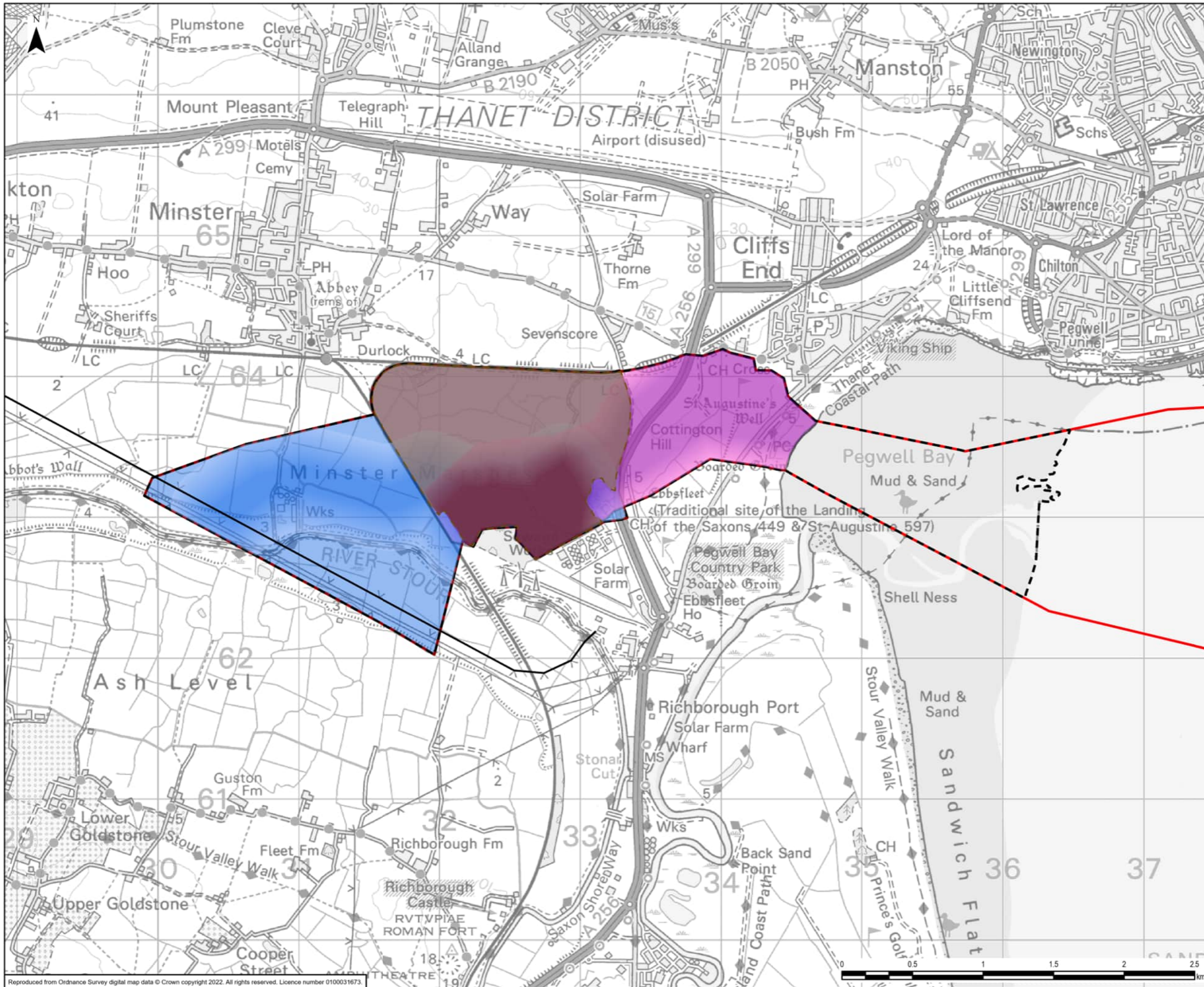


- Legend**
- Routing and Siting Study Area
  - National Grid
  - Overhead Line - 400kV
  - Converter Site Option Areas
  - Landfall Area of Search
  - Marine Final Routes
  - North Kent Coast**
  - Green
  - Red
  - Blue
  - Broadstairs**
  - Green
  - Red
  - Blue
  - Ramsar
  - Special Area of Conservation (SAC)
  - Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)
  - National Nature Reserve (NNR)
  - Golf Course

0	21/07/2022	SCOPING REPORT	EB	DF	CC
Rev	Date	Description	GIS	Chk	App

<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: EVOLUTION OF THE KENT ONSHORE SCHEME - SHEET 4 OF 4					
Creator: EB	Date: 21/07/2022	Checker: DF	Date: 21/07/2022	Approver: CC	Date: 21/07/2022
Document Ref: FIGURE 3.1.1	Scale: 1:75,000	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - National Grid Overhead Line - 400kV
  - Kent Converter Site/Substation Option Area
  - Kent Converter/Substation Site Emerging Preference Graduated Swarhe
  - HVDC Corridor Graduated Swathe
  - HVAC Corridor Graduated Swathe
  - HVDC Corridor
  - HVAC Corridor

0	21/07/2022	SCOPING REPORT	EB	DF	CC
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: KENT ONSHORE SCHEME					
Creator: EB	Date: 21/07/2022	Checker: DF	Date: 21/07/2022	Approver: CC	Date: 21/07/2022
Document Ref: FIGURE 3.1.2	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	



**Legend**

- Project Scoping Boundary
- Kent Onshore Scheme Scoping Boundary
- Landscape and Visual Study Area

**Elevation (m) - OS Terrain 5**

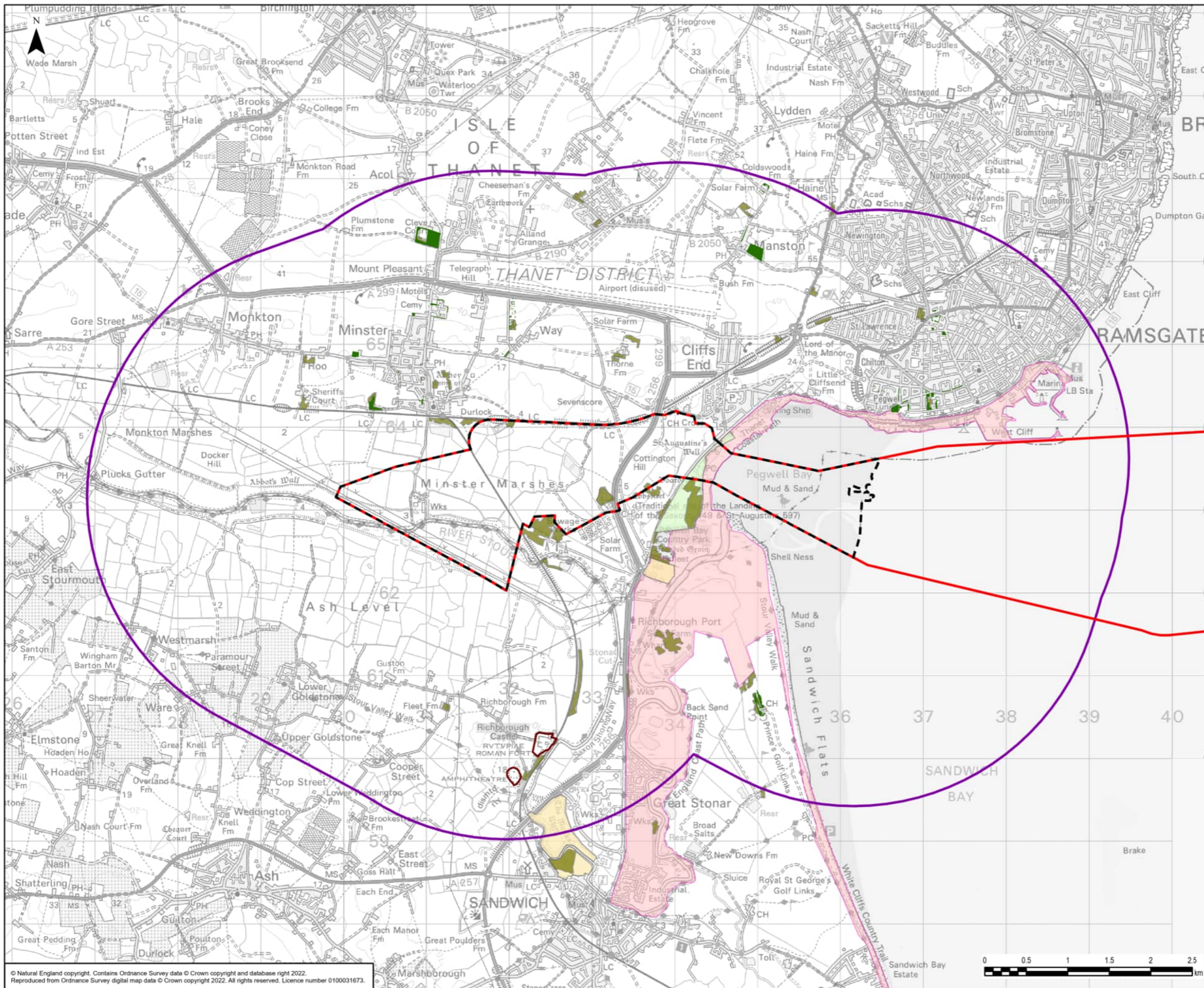
59.1

-1.87

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0	15/07/2022	SCOPING REPORT	EB	DF	CW
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: TOPOGRAPHY					
Creator: EB	Date: 15/07/2022	Checker: DF	Date: 15/07/2022	Approver: CW	Date: 15/07/2022
Document Ref: FIGURE 3.2.1	Scale: 1:40,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Landscape and Visual Study Area
  - Tree Preservation Orders
  - Open Space (Dorset)
  - CRoW Section 15 Land
  - Pegwell Bay Country Park
  - Coastal Margin Access Land
  - National Forest Inventory - Woodland

0	15/07/2022	SCOPING REPORT	EB	DF	CW
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

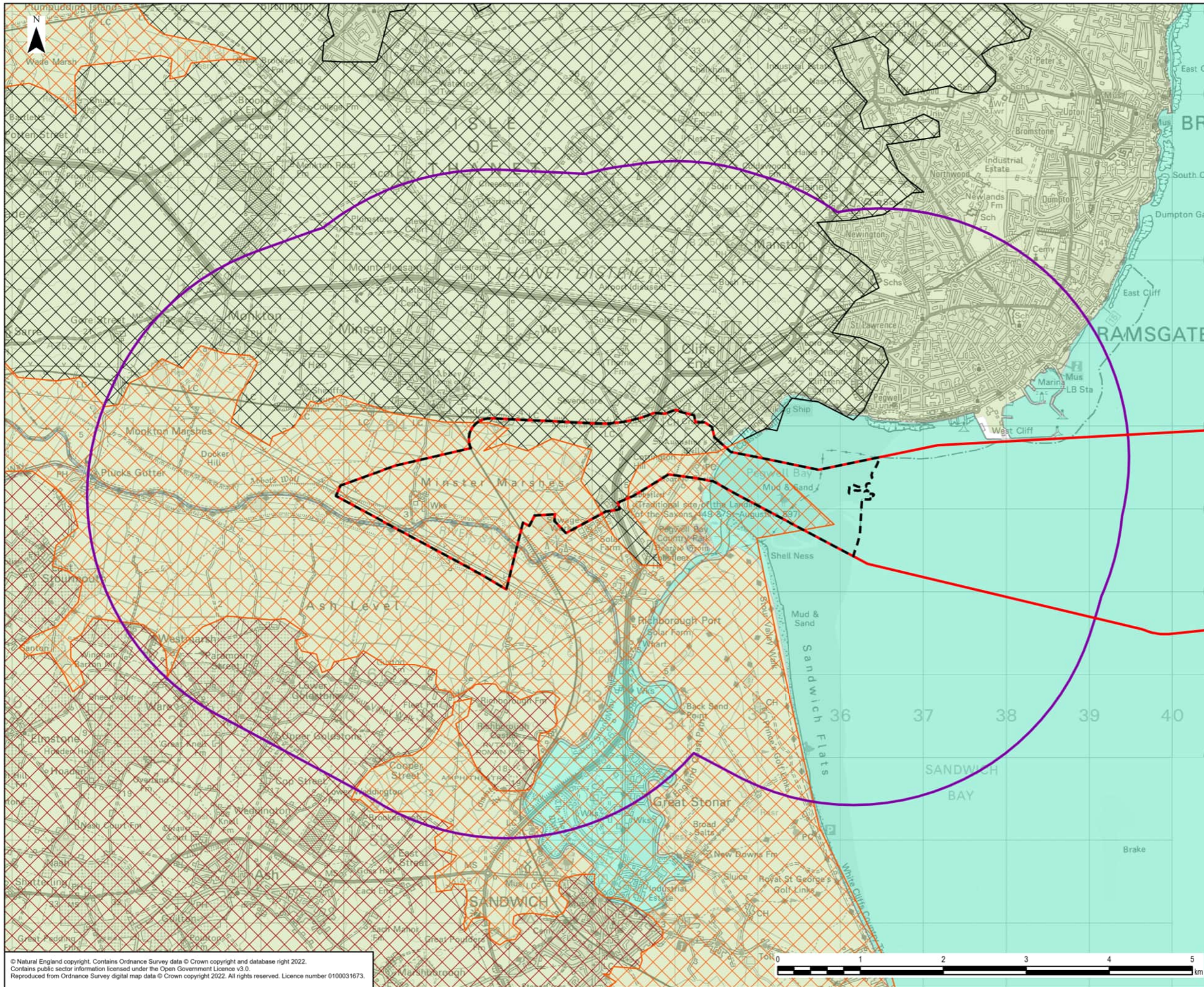
Scheme: SEA LINK

Document Title: LANDSCAPE CONTEXT AND DESIGNATIONS

Creator: EB	Date: 15/07/2022	Checker: DF	Date: 15/07/2022	Approver: CW	Date: 15/07/2022
Document Ref: FIGURE 3.2.2	Scale: 1:42,500	Format: A3	Sheets: 1	Rev: 0	

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**Legend**

- Project Scoping Boundary
- Kent Onshore Scheme Scoping Boundary
- Landscape and Visual Study Area

**National Character Area**

- 113: North Kent Plain

**South East Marine Character Area**

- 11: Goodwin Sands and North Dover Strait

**Kent Character Areas**

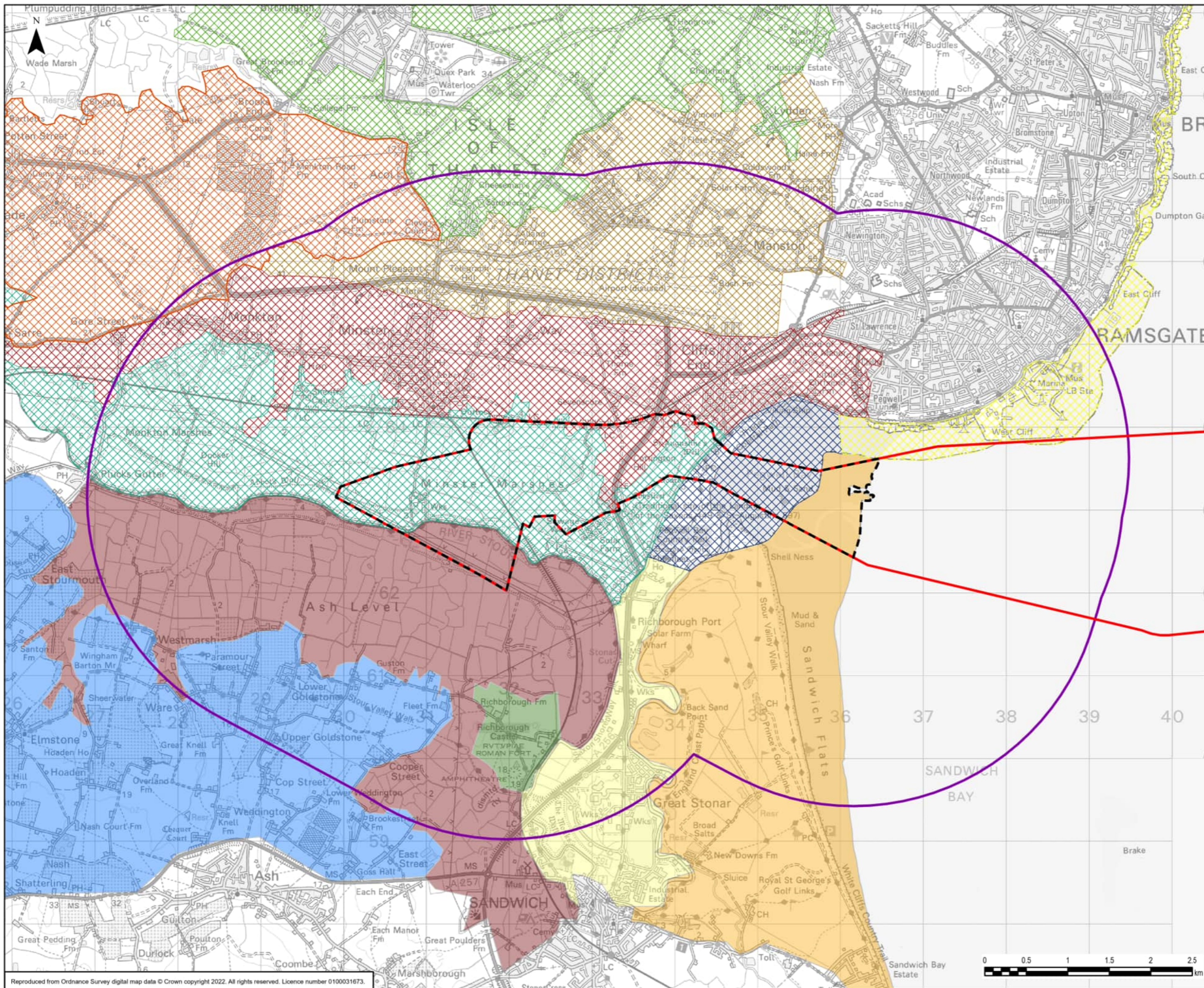
- East Kent Horticultural Belt
- Thanet
- The Wantsum and Lower Stour Marshes

0	27/07/2022	SCOPING REPORT	EB	DF	CW
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: LANDSCAPE & SEASCAPE CHARACTER - NATIONAL & COUNTY					
Creator: EB	Date: 27/07/2022	Checker: DF	Date: 27/07/2022	Approver: CW	Date: 27/07/2022
Document Ref: FIGURE 3.2.3	Scale: 1:42,500	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Landscape and Visual Study Area
- Thanet District Council - Landscape Character Assessment**
- Local Character Area A1: Manston Chalk Plateau
  - Local Character Area B1: Wantsum North Slopes
  - Local Character Area C1: St Nicholas at Wade Undulating Chalk Farmland
  - Local Character Area C2: Central Thanet Undulating Chalk Farmland
  - Local Character Area E1: Stour Marshes
  - Local Character Area F1: Pegwell Bay
  - Local Character Area G1: Ramsgate and Broadstairs Cliffs
- Dover District Council - Landscape Character Assessment**
- Landscape Character Area A2: Ash Levels
  - Landscape Character Area B1: Great Stour Sandwich Corridor
  - Landscape Character Area C1: Sandwich Bay
  - Landscape Character Area D1: Preston
  - Landscape Character Area H1: Richborough Bluff

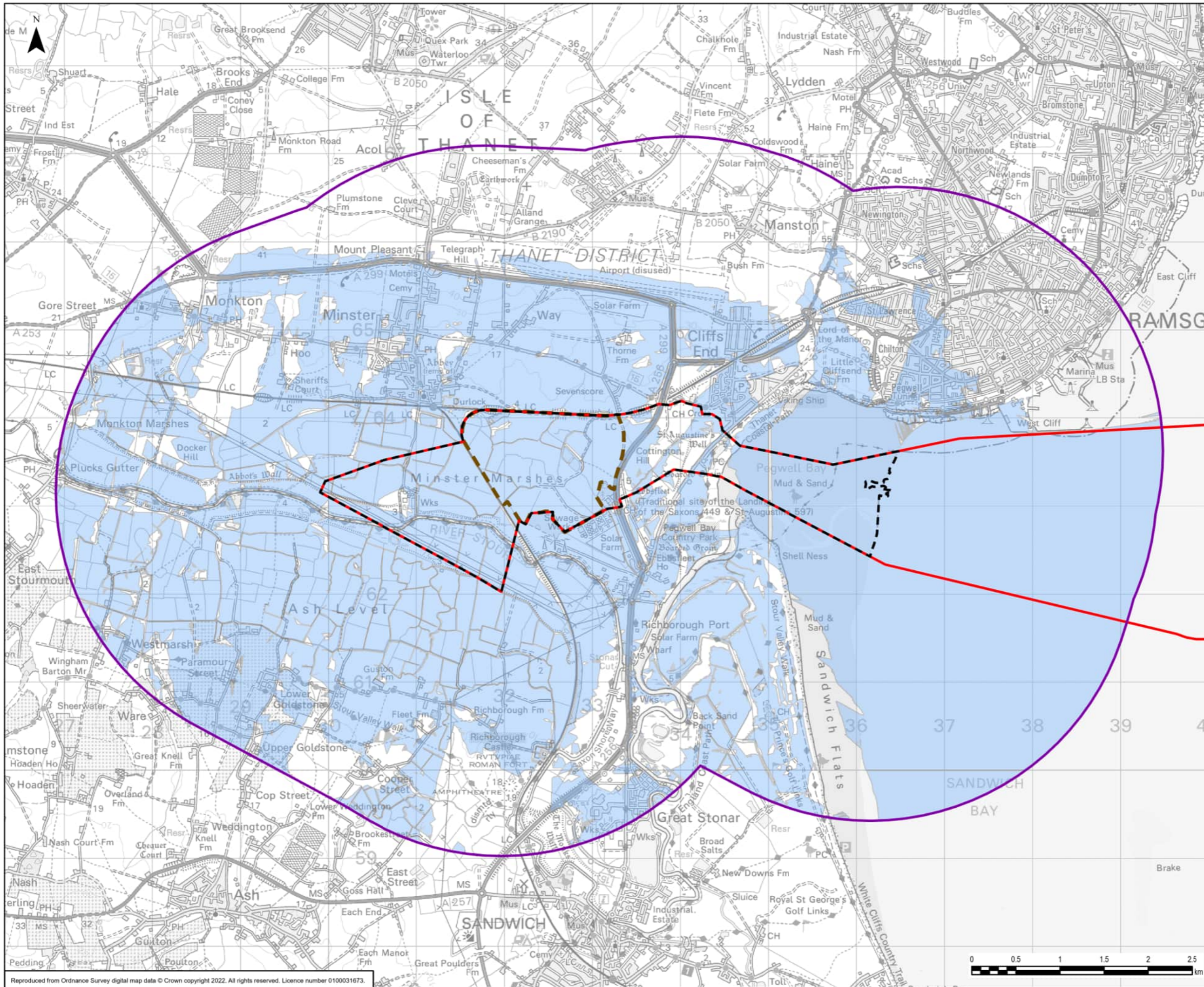
0	14/07/2022	SCOPING REPORT	EB	DF	CW
Rev	Date	Description	GIS	Chk	App



Scheme: SEA LINK					
Document Title: LANDSCAPE CHARACTER - DISTRICT					
Creator: EB	Date: 14/07/2022	Checker: DF	Date: 14/07/2022	Approver: CW	Date: 14/07/2022
Document Ref: FIGURE 3.2.4	Scale: 1:42,500	Format: A3	Sheets: 1	Rev: 0	



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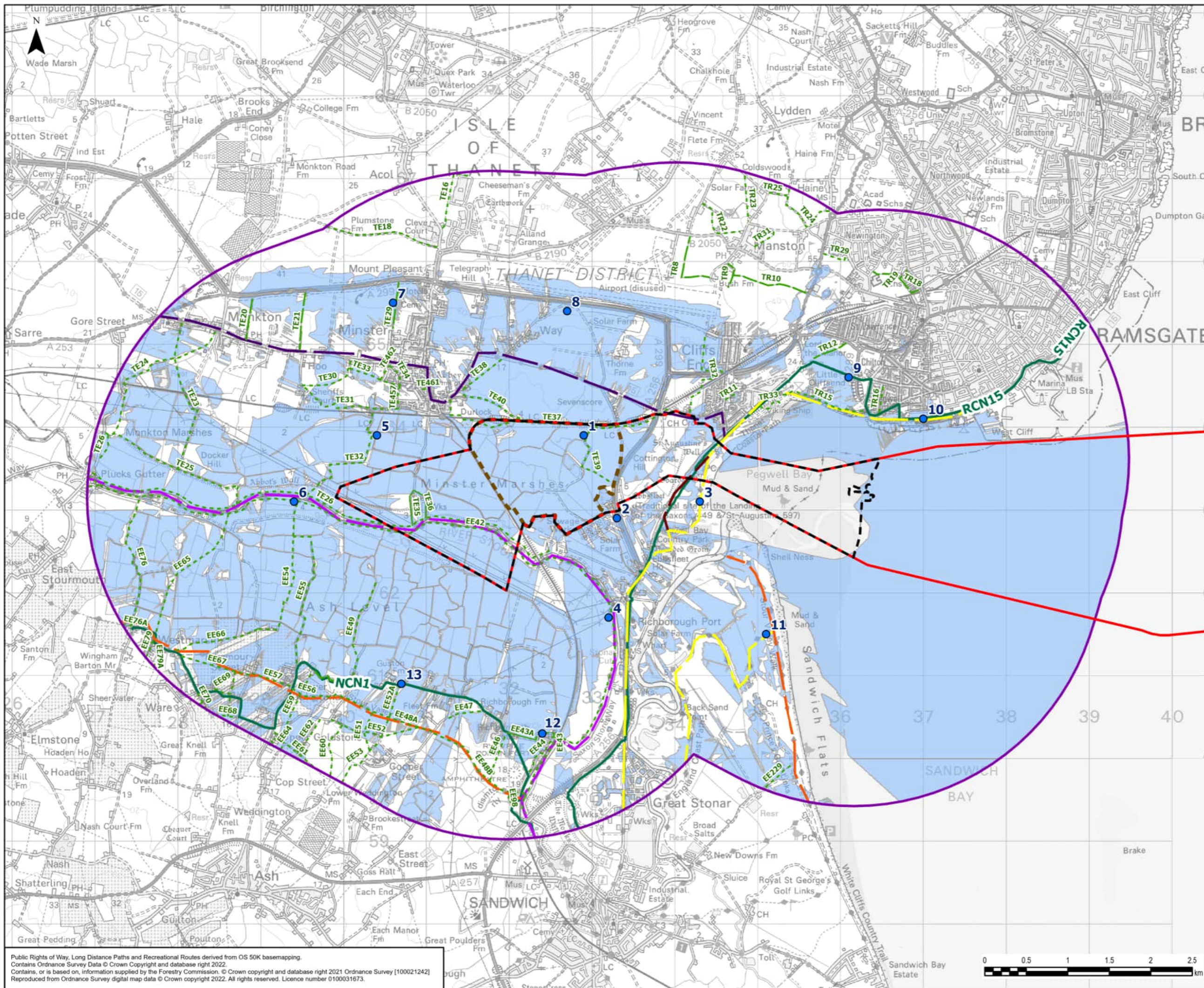
- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Kent Converter Site Option Area
  - Landscape and Visual Study Area
  - Zone of Theoretical Visibility - Bare Earth

**The Zone of Theoretical Visibility (ZTV) has been generated using the Ordnance Survey Terrain 5 Digital Terrain Model which does not take account of the screening effects of vegetation, buildings or other structures. The ZTVs are based on an observer point from the centre of the Kent Converter Station Emerging Preference graduated swathe area, at an elevation of 30 metres.**

0	28/07/2022	SCOPING REPORT	EB	DF	CW
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: BARE EARTH ZONE OF THEORETICAL VISIBILITY					
Creator: EB	Date: 28/07/2022	Checker: DF	Date: 28/07/2022	Approver: CW	Date: 28/07/2022
Document Ref: FIGURE 3.2.5	Scale: 1:40,000	Format: A3	Sheets: 1	Rev: 0	



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- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Kent Converter Site Option Area
  - Landscape and Visual Study Area
  - Zone of Theoretical Visibility - Screened
  - Representative Viewpoint Locations
  - National Cycle Network
- Public Rights of Way**
- Public Footpath
  - Public Bridleway
  - Restricted Byway
- Recreational Routes**
- Active Ramsgate - Ramsgate to Pegwell Bay (The Contra Trail)
  - England Coast Path - Camber to Ramsgate
  - Saxon Shore Way
  - Stour Valley Walk
  - Viking Coastal Trail - Sandwich to Reculver

**The Zones of Theoretical Visibility (ZTVs) have been generated using the Ordnance Survey Terrain 5 Digital Terrain Model which does not take account of the screening effects of vegetation, buildings or other structures. Existing buildings have been incorporated into the DTM from OS Open Map Local with an assumed height of 7.5m. Woodland data from the National Forest Inventory has also been incorporated into the DTM with an assumed height of 10m. The ZTV is based on an observer point from the centre of the Kent Converter Station Emerging Preference graduated swathe area, at an elevation of 30 metres.**

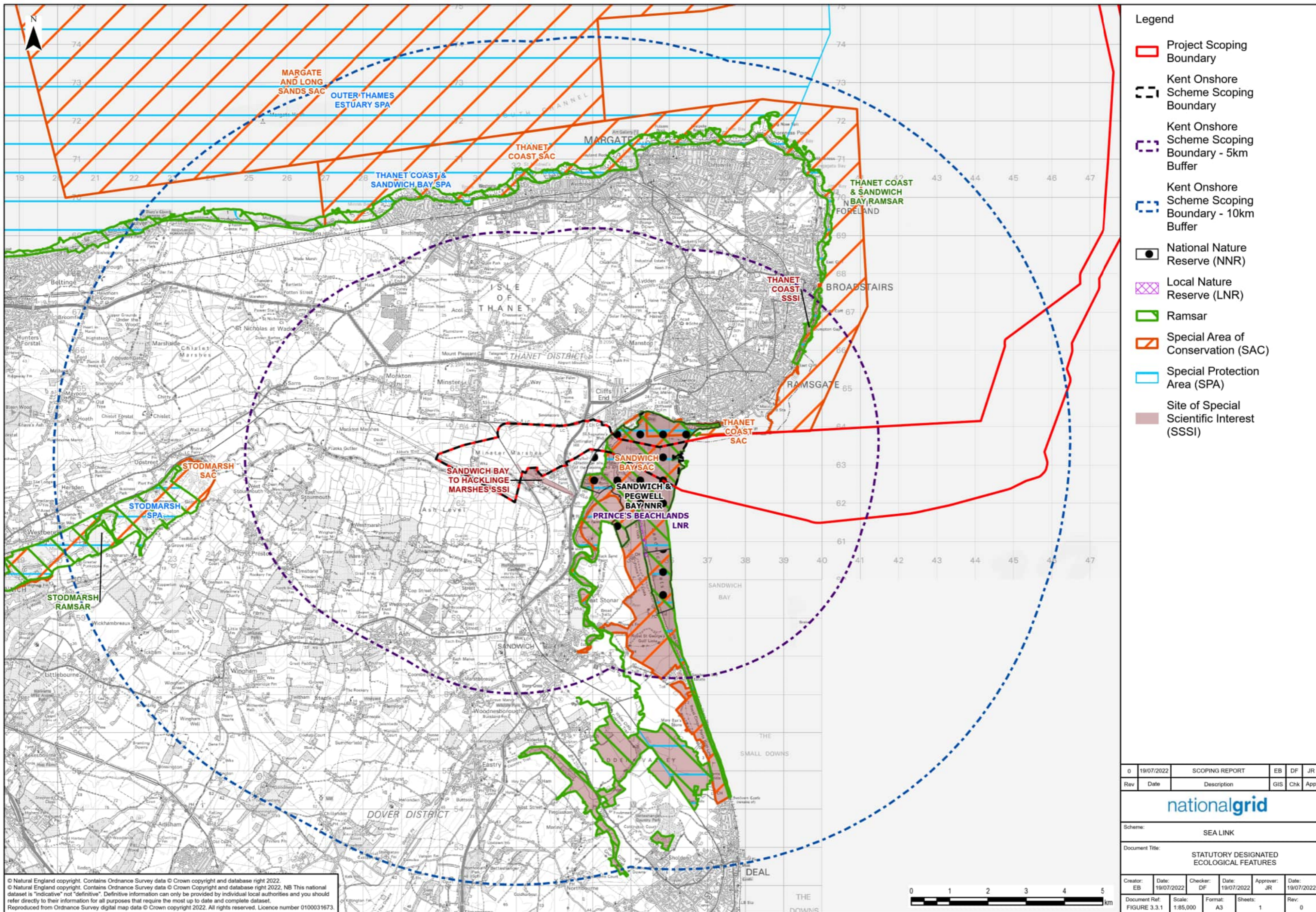
0	28/07/2022	SCOPING REPORT	EB	DF	CW
Rev	Date	Description	GIS	Chk	App



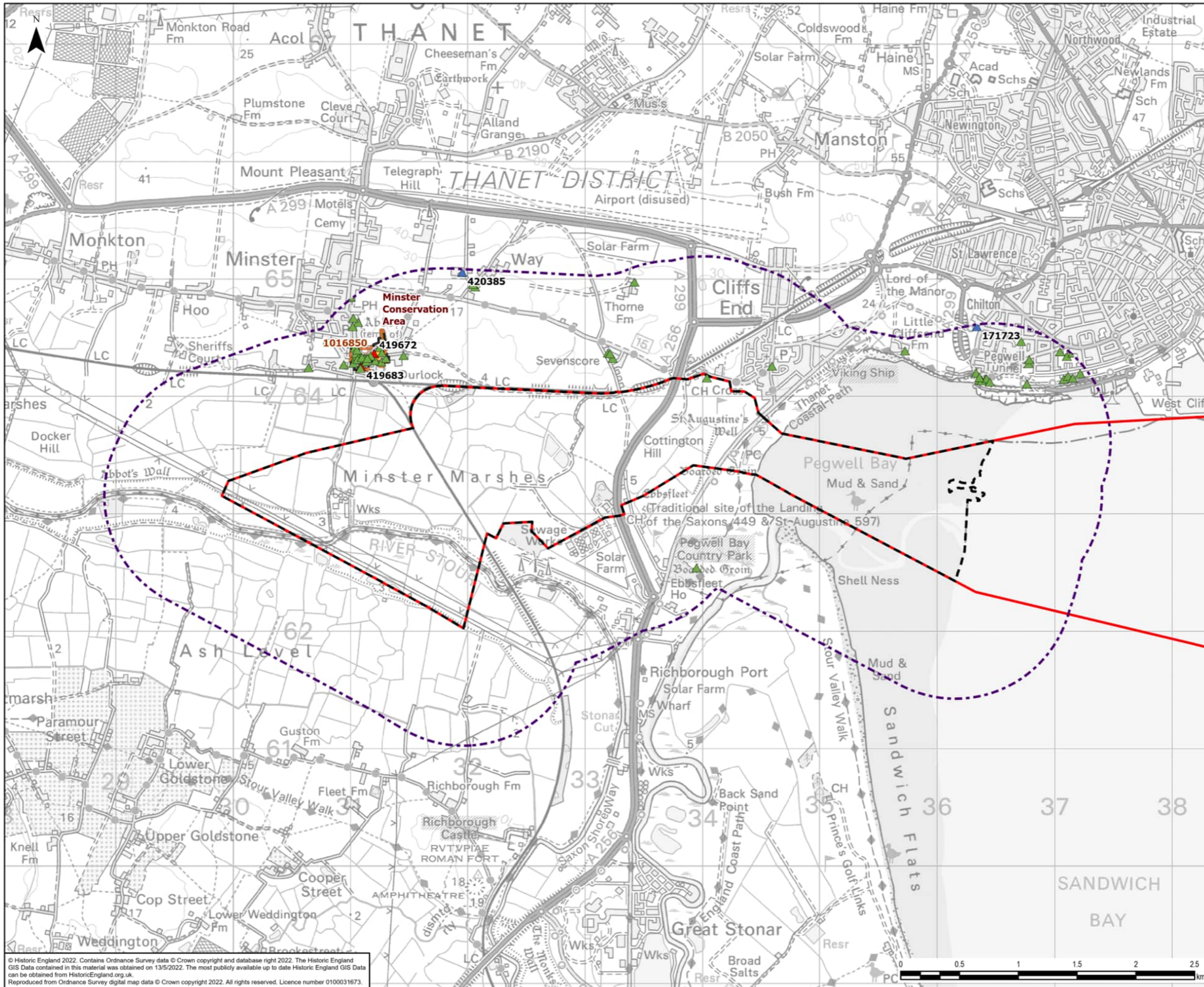
Scheme: SEA LINK					
Document Title: REPRESENTATIVE VIEWPOINT LOCATIONS AND SCREENED ZONE OF THEORETICAL VISIBILITY					
Creator: EB	Date: 28/07/2022	Checker: DF	Date: 28/07/2022	Approver: CW	Date: 28/07/2022
Document Ref: FIGURE 3.2.6	Scale: 1:42,500	Format: A3	Sheets: 1	Rev: 0	

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**Legend**

- Project Scoping Boundary
- Kent Onshore Scheme Scoping Boundary
- Kent Onshore Scheme Scoping Boundary - 1km Buffer

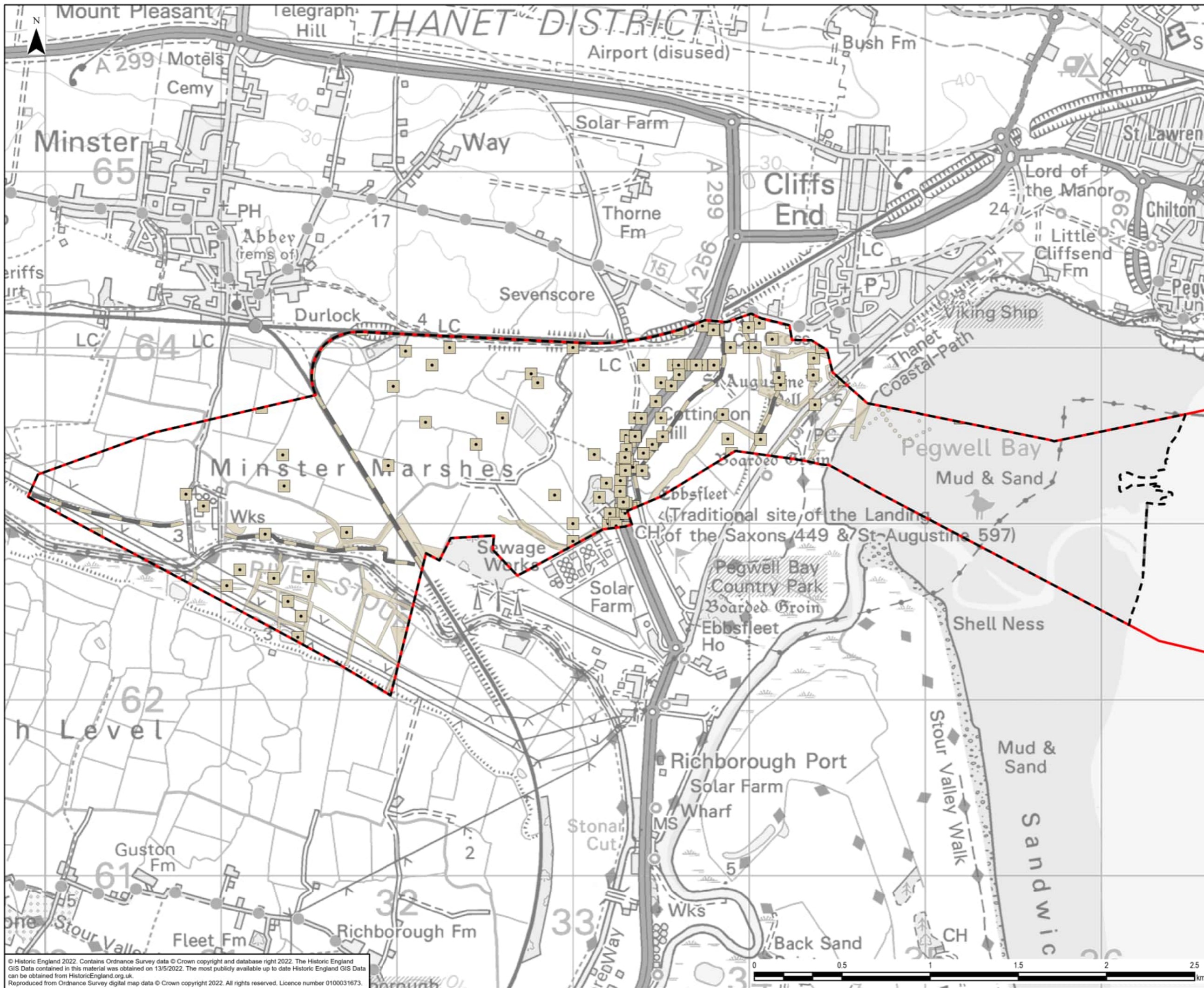
**Listed Building**

- ▲ Grade I
- ▲ Grade II
- ▲ Grade II\*

- Scheduled Monuments
- Conservation Area

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0	28/07/2022	SCOPING REPORT	EB	DF	JS
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: DESIGNATED CULTURAL HERITAGE ASSETS WITHIN THE SCOPING BOUNDARY AND WIDER 1KM STUDY AREA					
Creator: EB	Date: 28/07/2022	Checker: DF	Date: 28/07/2022	Approver: JS	Date: 28/07/2022
Document Ref: FIGURE 3.4.1	Scale: 1:30,000	Format: A3	Sheets: 1	Rev: 0	

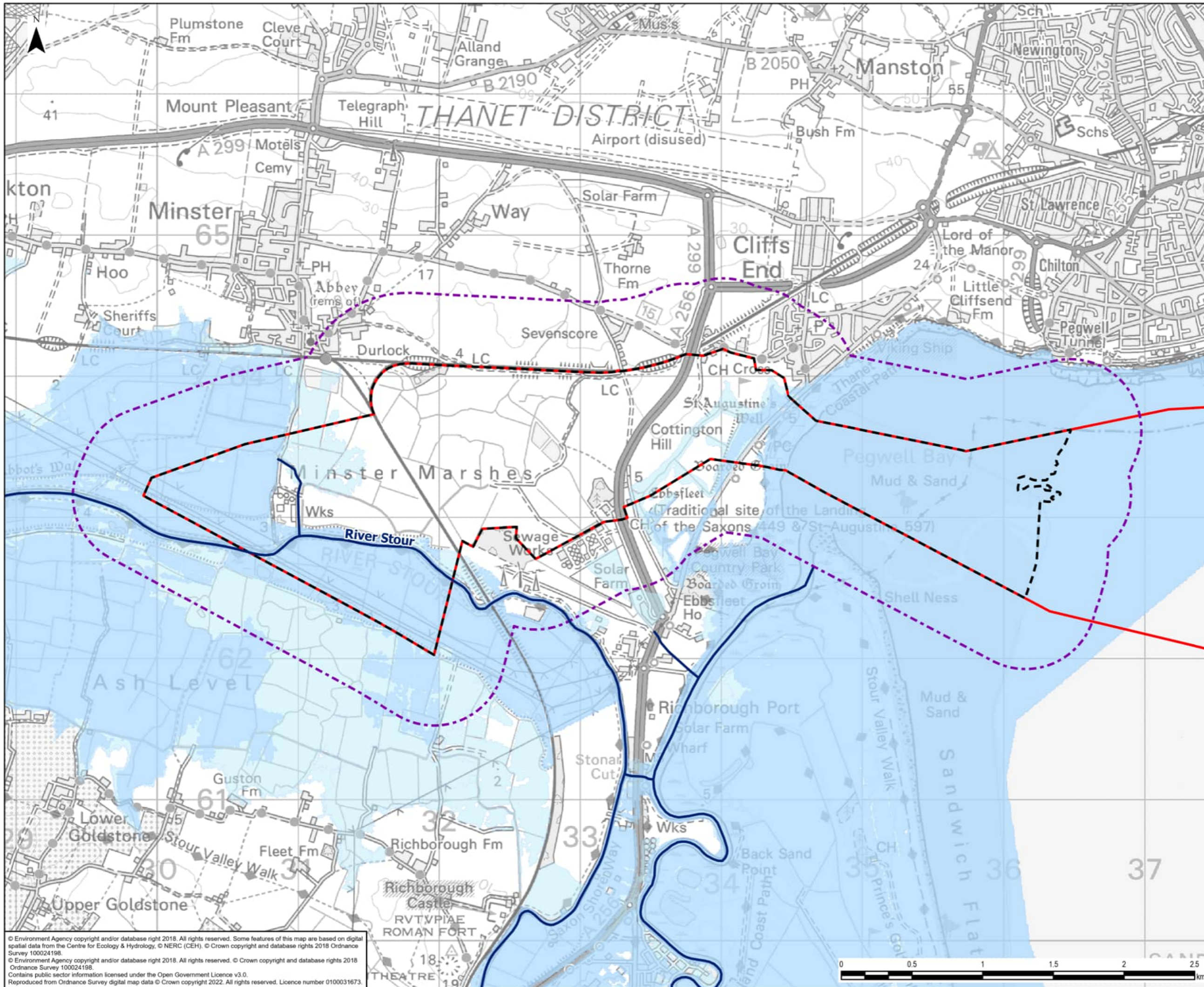


- Legend
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Kent HER Non-Designated Asset (point)
  - Kent HER Non-Designated Asset (polyline)
  - Kent HER Non-Designated Asset (polygon)

0	28/07/2022	SCOPING REPORT	EB	DF	JS
Rev	Date	Description	GIS	Chk	App

<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: NON-DESIGNATED CULTURAL HERITAGE ASSETS WITHIN THE SCOPING BOUNDARY					
Creator: EB	Date: 28/07/2022	Checker: DF	Date: 28/07/2022	Approver: JS	Date: 28/07/2022
Document Ref: FIGURE 3.4.2	Scale: 1:20,000	Format: A3	Sheets: 1	Rev: 0	

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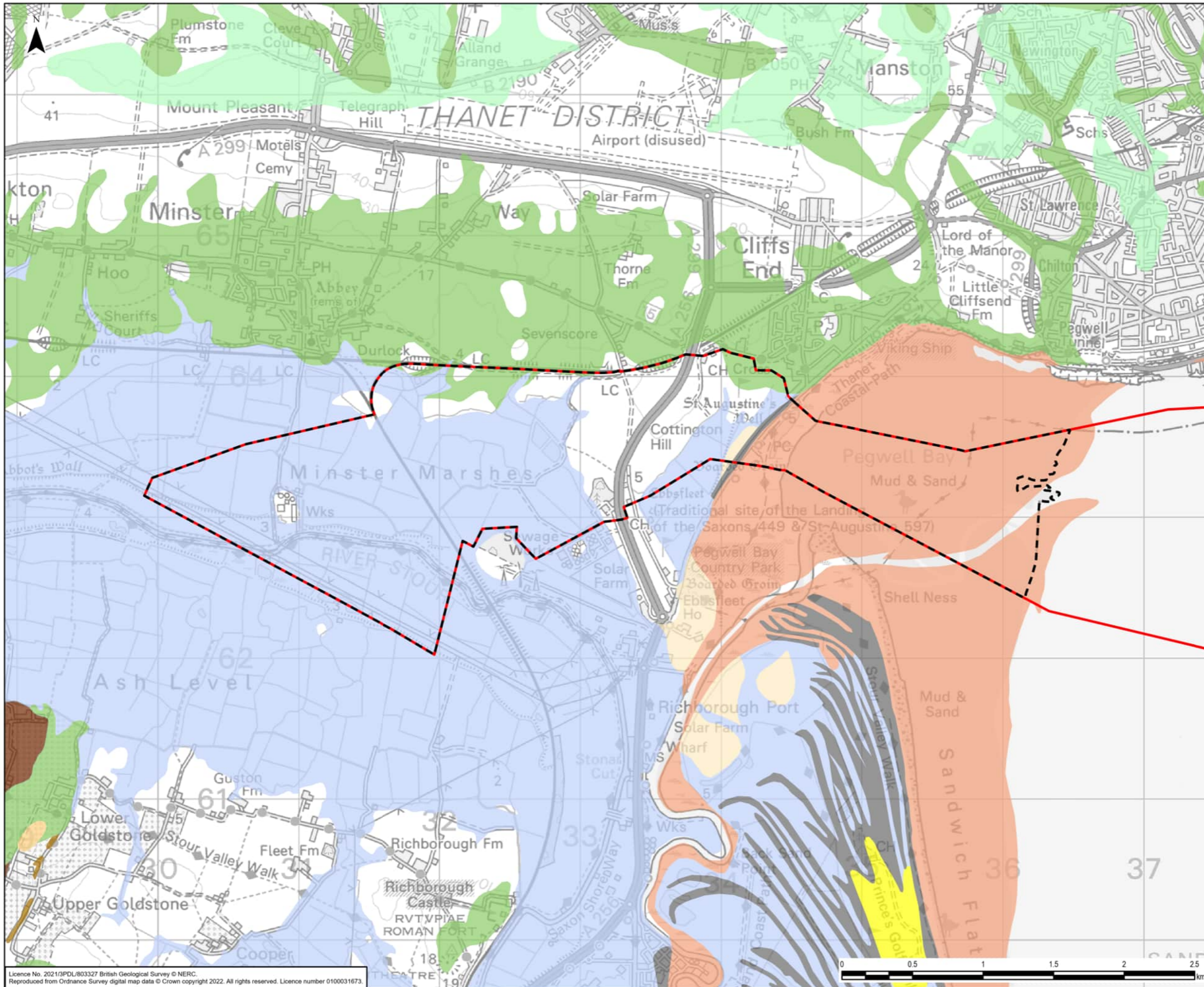


- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary - 500m Buffer
  - Main River
  - Flood Zone 2
  - Flood Zone 3

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0	26/07/2022	SCOPING REPORT	EB	DF	CC
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: WATER ENVIRONMENT STUDY AREA AND EXISTING FEATURES					
Creator: EB	Date: 26/07/2022	Checker: DF	Date: 26/07/2022	Approver: CC	Date: 26/07/2022
Document Ref: FIGURE 3.5.1	Scale: 1:24,957	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
- Superficial Geology**
- Alluvium - Clay, Silt, Sand and Gravel
  - Beach and Tidal Flat Deposits (Undifferentiated) - Sand and Gravel
  - Beach and Tidal Flat Deposits (Undifferentiated) - Sand, Silt and Clay
  - Blown Sand - Sand
  - Head - Clay, Silt, Sand and Gravel
  - Head - Gravel, Sand, Silt and Clay
  - Head, 1 - Clay and Silt
  - Head, 2 - Clay and Silt
  - Storm Beach Deposits - Sand and Gravel
  - Tidal Flat Deposits - Clay and Silt

0	11/08/2022	SCOPING REPORT	EB	DF	NC
Rev	Date	Description	GIS	Chk	App

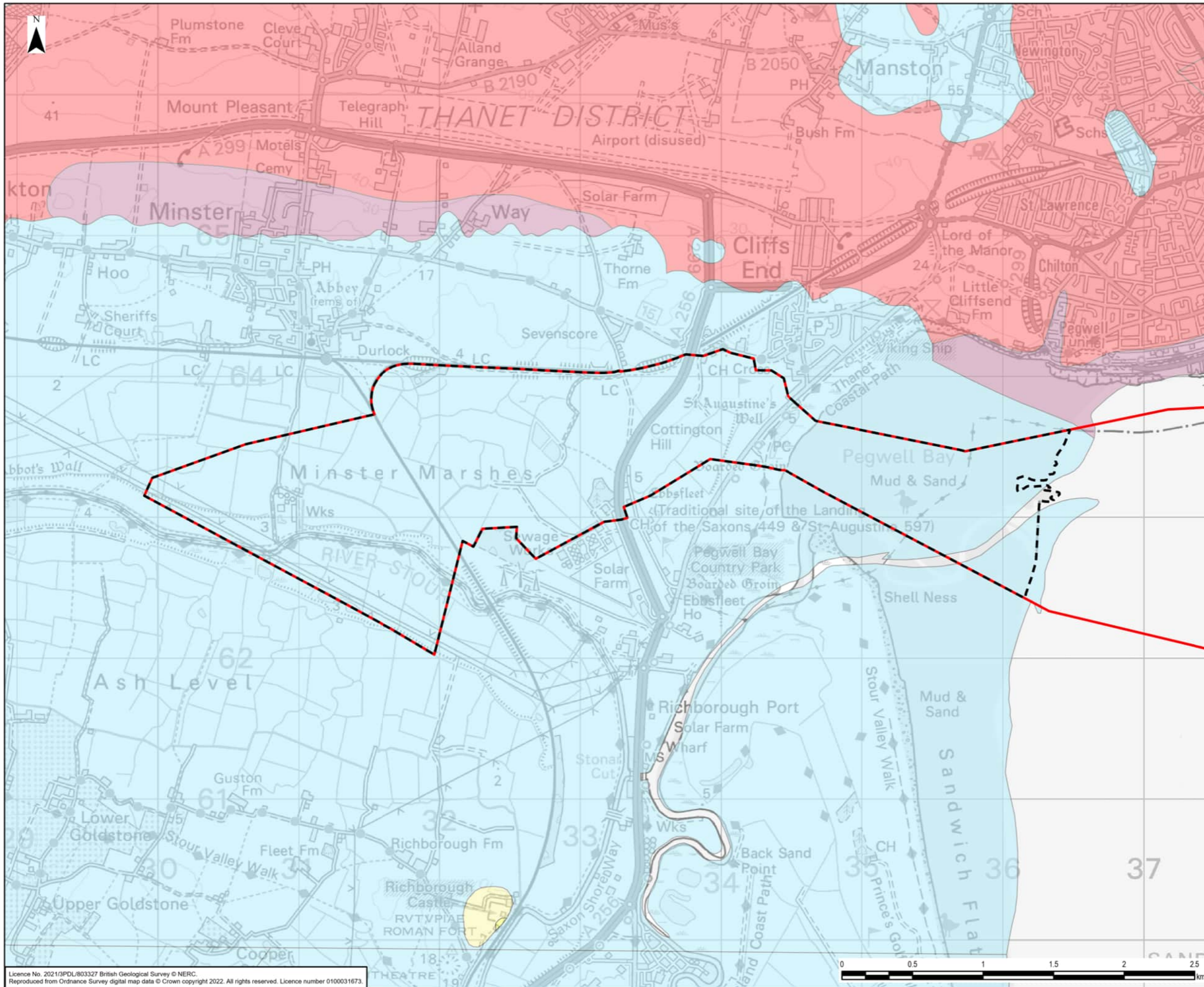
**nationalgrid**

Scheme: SEA LINK  
 Document Title: SUPERFICIAL GEOLOGY

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	11/08/2022	DF	11/08/2022	NC	11/08/2022
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 3.6.1	1:25,000	A3	1	0	

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**Legend**

- Project Scoping Boundary
- Kent Onshore Scheme Scoping Boundary

**Bedrock Geology**

- Harwich Formation - Sand and Gravel
- Lambeth Group - Sand
- Margate Chalf Member - Chalk
- Seaford Chalk Formation - Chalk
- Thanet Formation - Sand, Silt and Clay

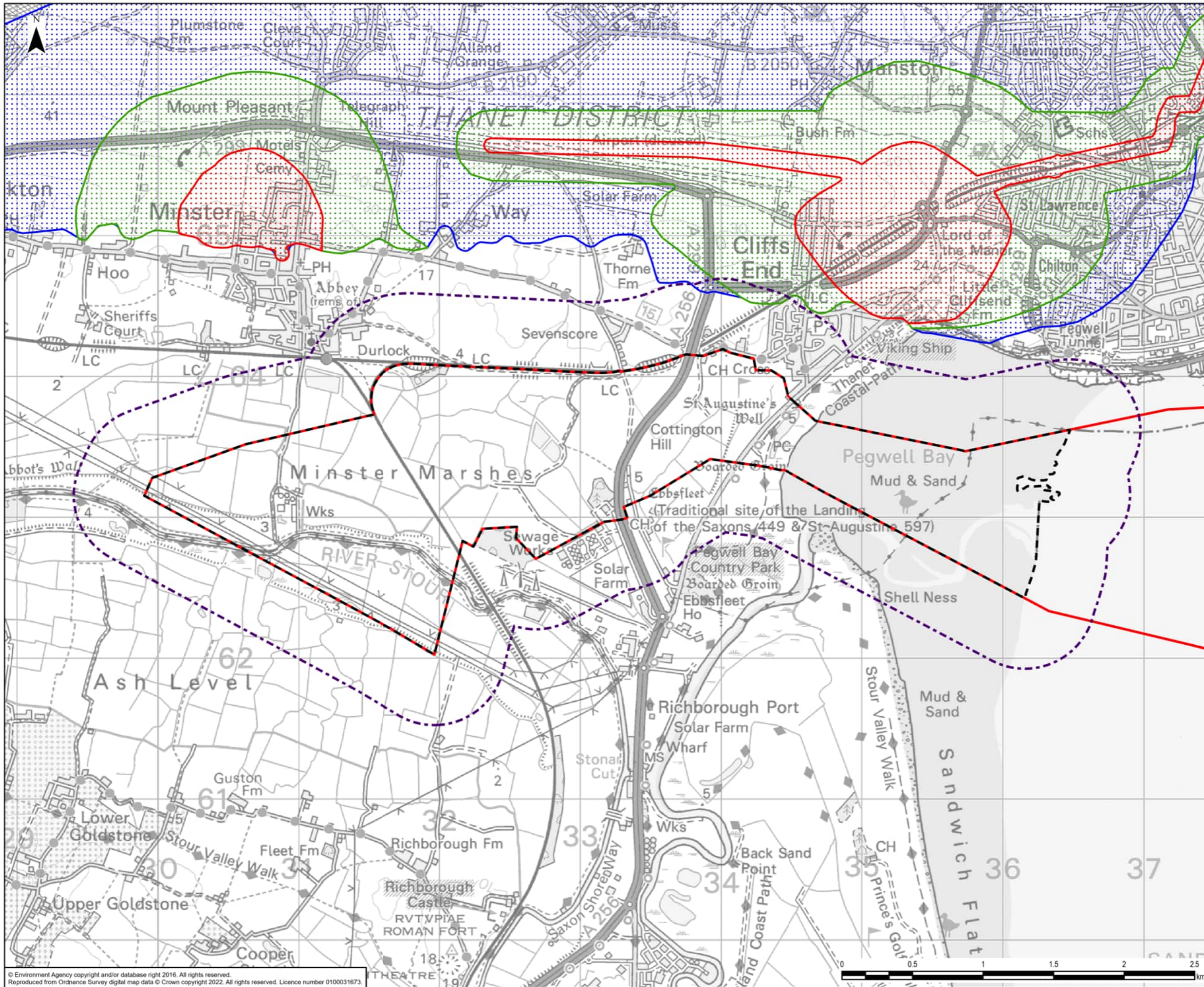
0	11/08/2022	SCOPING REPORT	EB	DF	NC
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK  
 Document Title: BEDROCK GEOLOGY

Creator: EB	Date: 11/08/2022	Checker: DF	Date: 11/08/2022	Approver: NC	Date: 11/08/2022
Document Ref: FIGURE 3.6.2	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	

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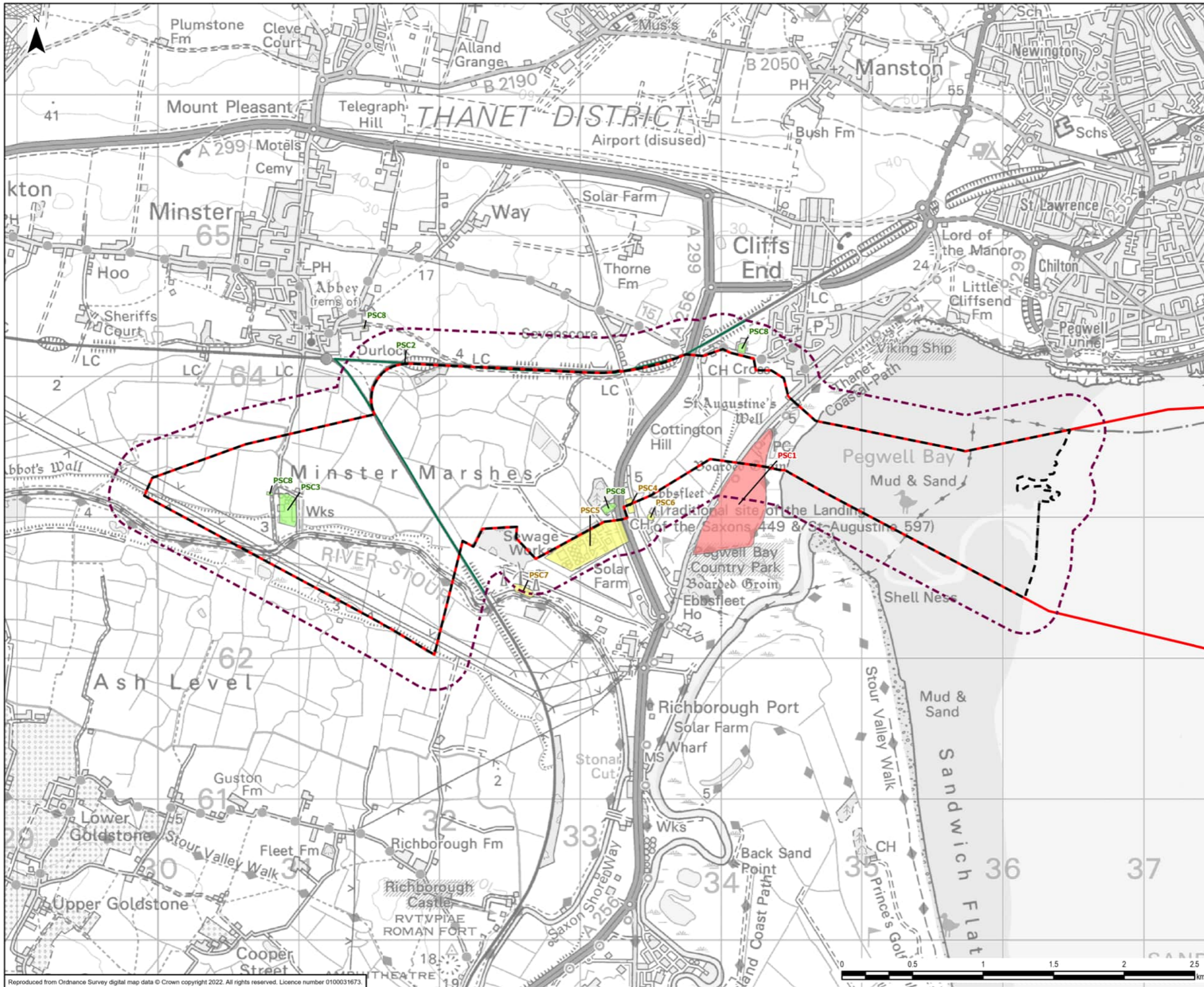
- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary - 500m Buffer
  - Source Protection Zone
  - Zone I - Inner Protection Zone
  - Zone II - Outer Protection Zone
  - Zone III - Total Catchment

0	26/07/2022	SCOPING REPORT	EB	DF	NC
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK  
 Document Title: HYDROGEOLOGY

Creator: EB	Date: 26/07/2022	Checker: DF	Date: 26/07/2022	Approver: NC	Date: 26/07/2022
Document Ref: FIGURE 3.6.3	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary - 250m Buffer
- Potential Sources of Contamination (line)**
- Very Low / Low Risk
- Potential Sources of Contamination (area)**
- Very Low / Low Risk
  - Moderate Risk
  - High Risk

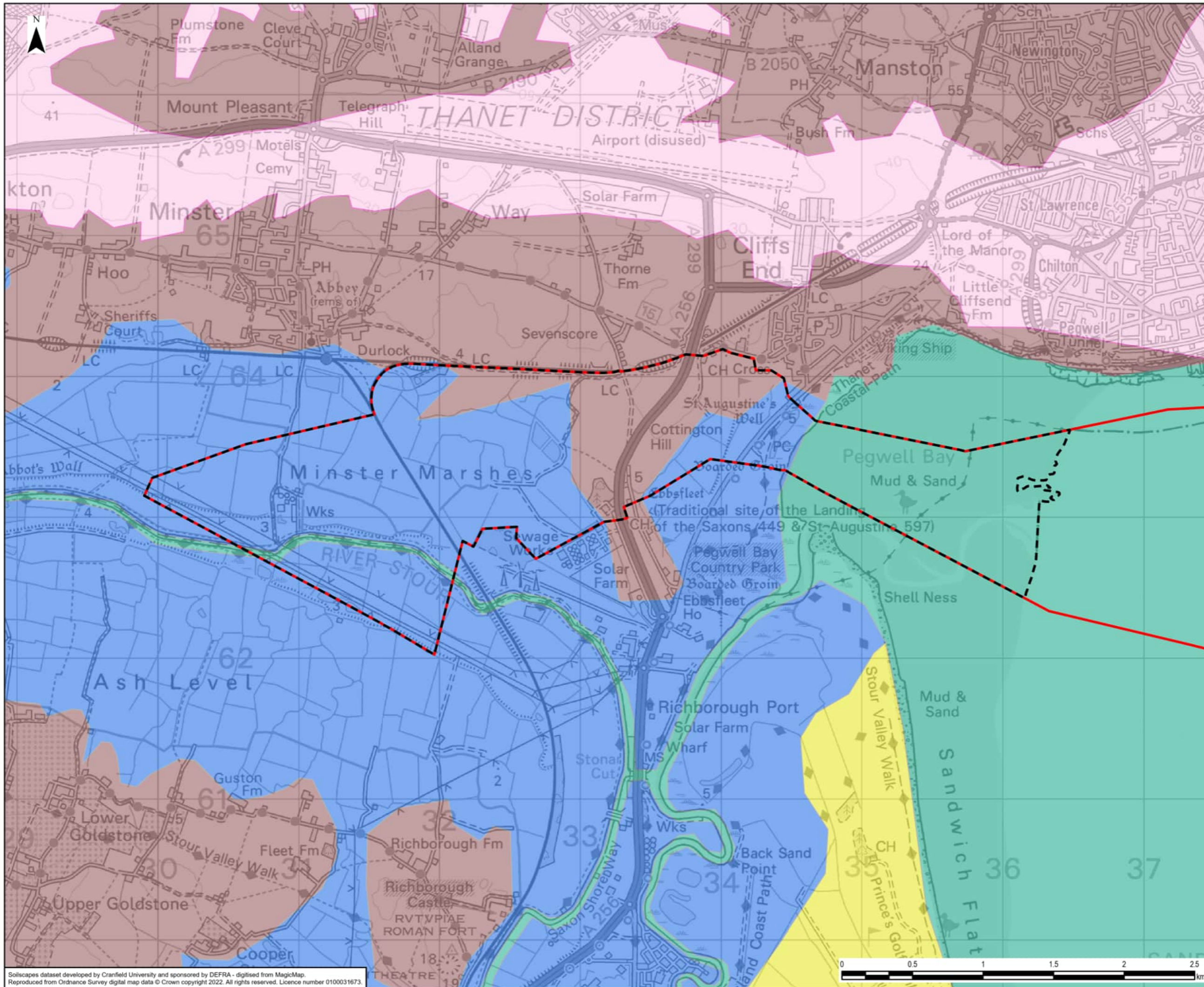
0	27/07/2022	SCOPING REPORT	EB	DF	NC
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK

Document Title: POTENTIAL SOURCES OF CONTAMINATION

Creator: EB	Date: 27/07/2022	Checker: DF	Date: 27/07/2022	Approver: NC	Date: 27/07/2022
Document Ref: FIGURE 3.6.4	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	



**Legend**

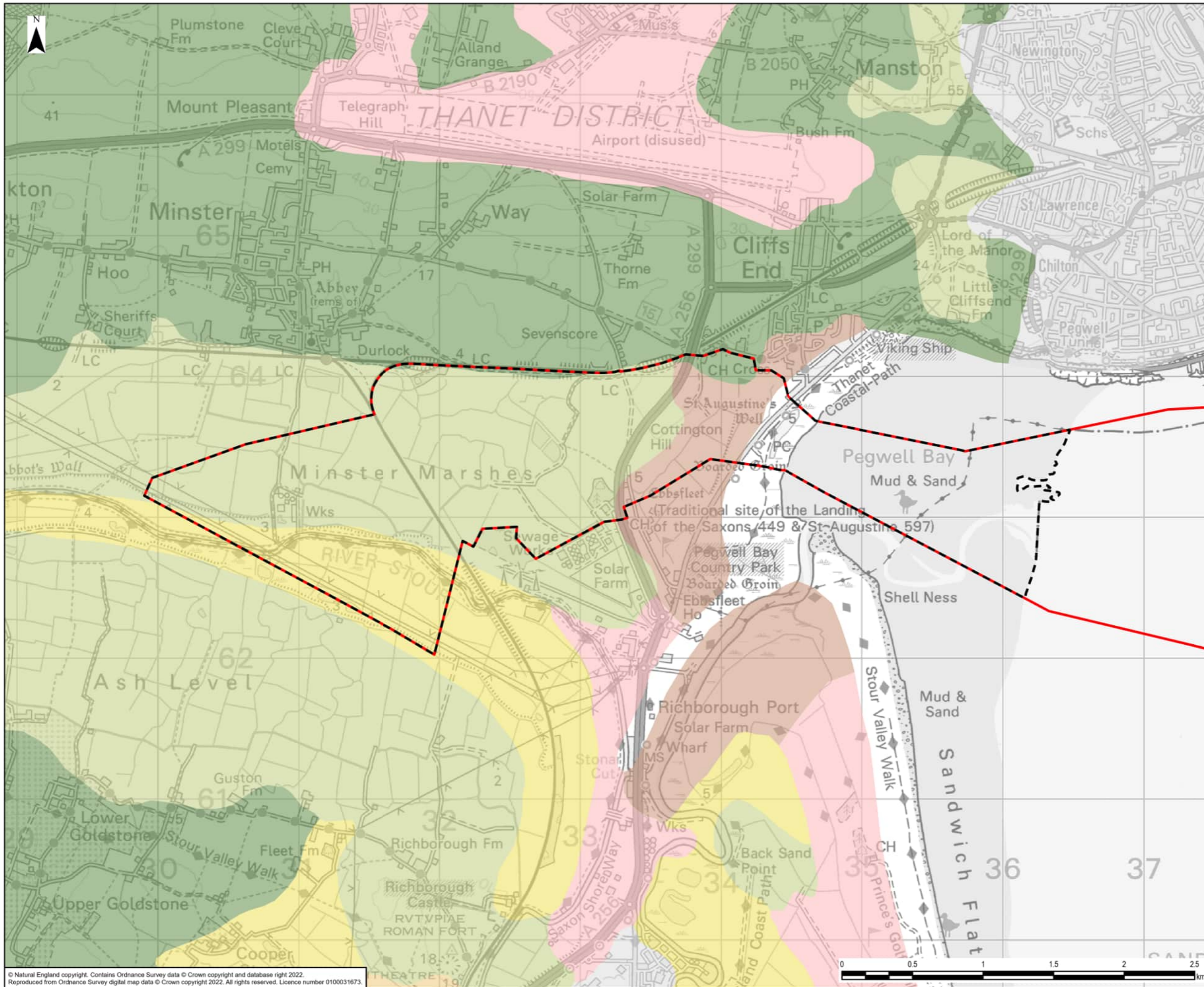
- Project Scoping Boundary
- Kent Onshore Scheme Scoping Boundary

**Soilscales**

- 4 - Sand Dune Soils
- 5 - Freely draining lime-rich loamy soils
- 6 - Freely draining slightly acid loamy soils
- 21 - Loamy and clayey soils of coastal flats with naturally high groundwater
- 28 - Sea

0	16/08/2022	SCOPING REPORT	EB	DF	BL
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme:			SEA LINK		
Document Title:			SOILSCAPE MAPPING		
Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	16/08/2022	DF	16/08/2022	BL	16/08/2022
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 3.7.1	1:25,000	A3	1	0	

Soilscales dataset developed by Cranfield University and sponsored by DEFRA - digitised from MagicMap. Reproduced from Ordnance Survey digital map data © Crown copyright 2022. All rights reserved. Licence number 0100031673.



**Legend**

- Project Scoping Boundary
- Kent Onshore Scheme Scoping Boundary

**Agricultural Land Classification**

- Grade 1
- Grade 2
- Grade 3
- Grade 4
- Grade 5
- Non Agricultural
- Urban

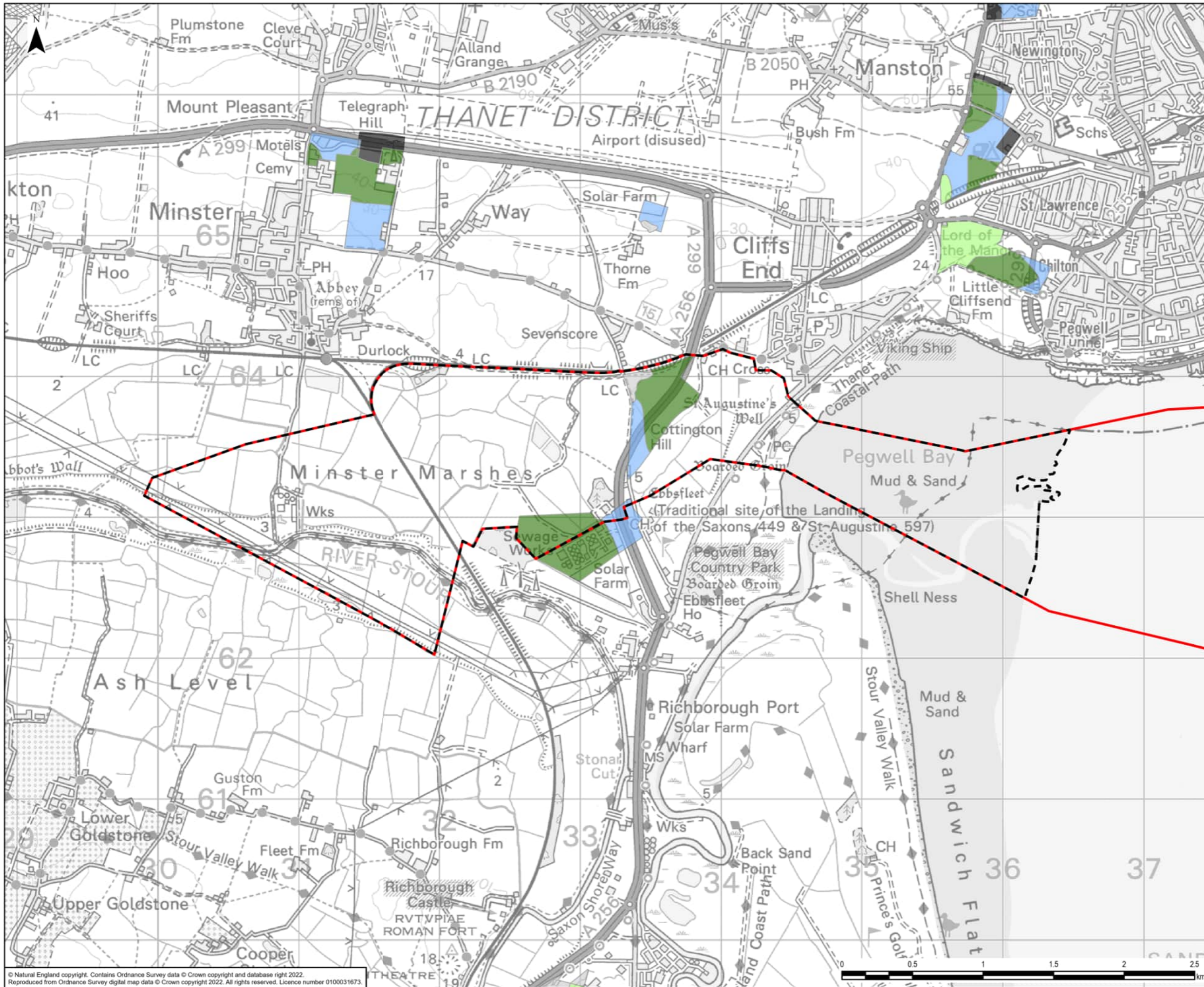
0	26/07/2022	SCOPING REPORT	EB	DF	BL
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK  
 Document Title: PROVISIONAL AGRICULTURAL LAND CLASSIFICATION MAPPING

Creator: EB	Date: 26/07/2022	Checker: DF	Date: 26/07/2022	Approver: BL	Date: 26/07/2022
Document Ref: FIGURE 3.7.2	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	

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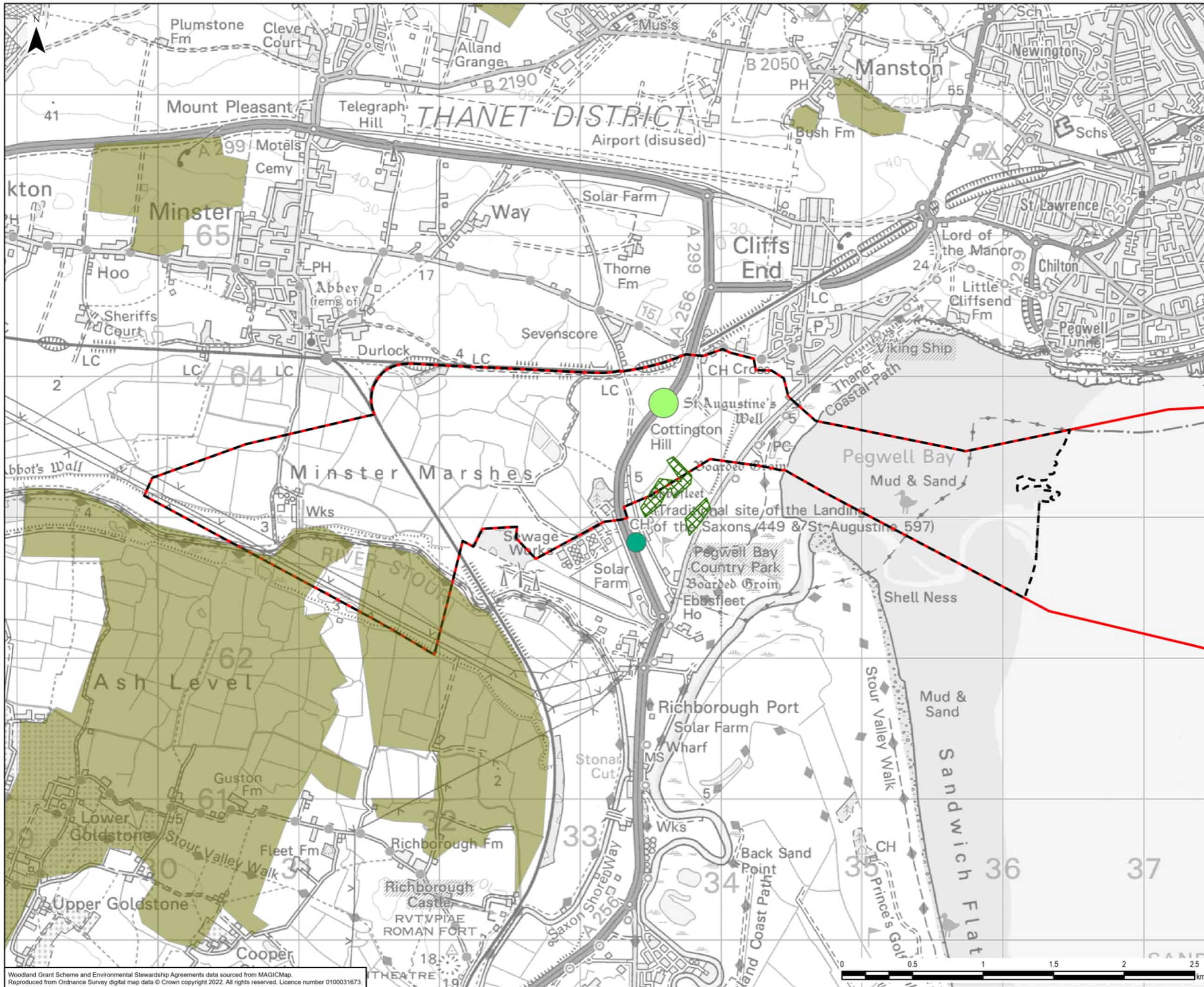
**Legend**

- Project Scoping Boundary
- Kent Onshore Scheme Scoping Boundary

**Post 1988 Agricultural Land Classification**

- Grade 2
- Grade 3a
- Grade 3b
- Not Surveyed
- Other

0	26/07/2022	SCOPING REPORT	EB	DF	BL
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: DETAILED AGRICULTURAL LAND CLASSIFICATION MAPPING					
Creator: EB	Date: 26/07/2022	Checker: DF	Date: 26/07/2022	Approver: BL	Date: 26/07/2022
Document Ref: FIGURE 3.7.3	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	



**Legend**

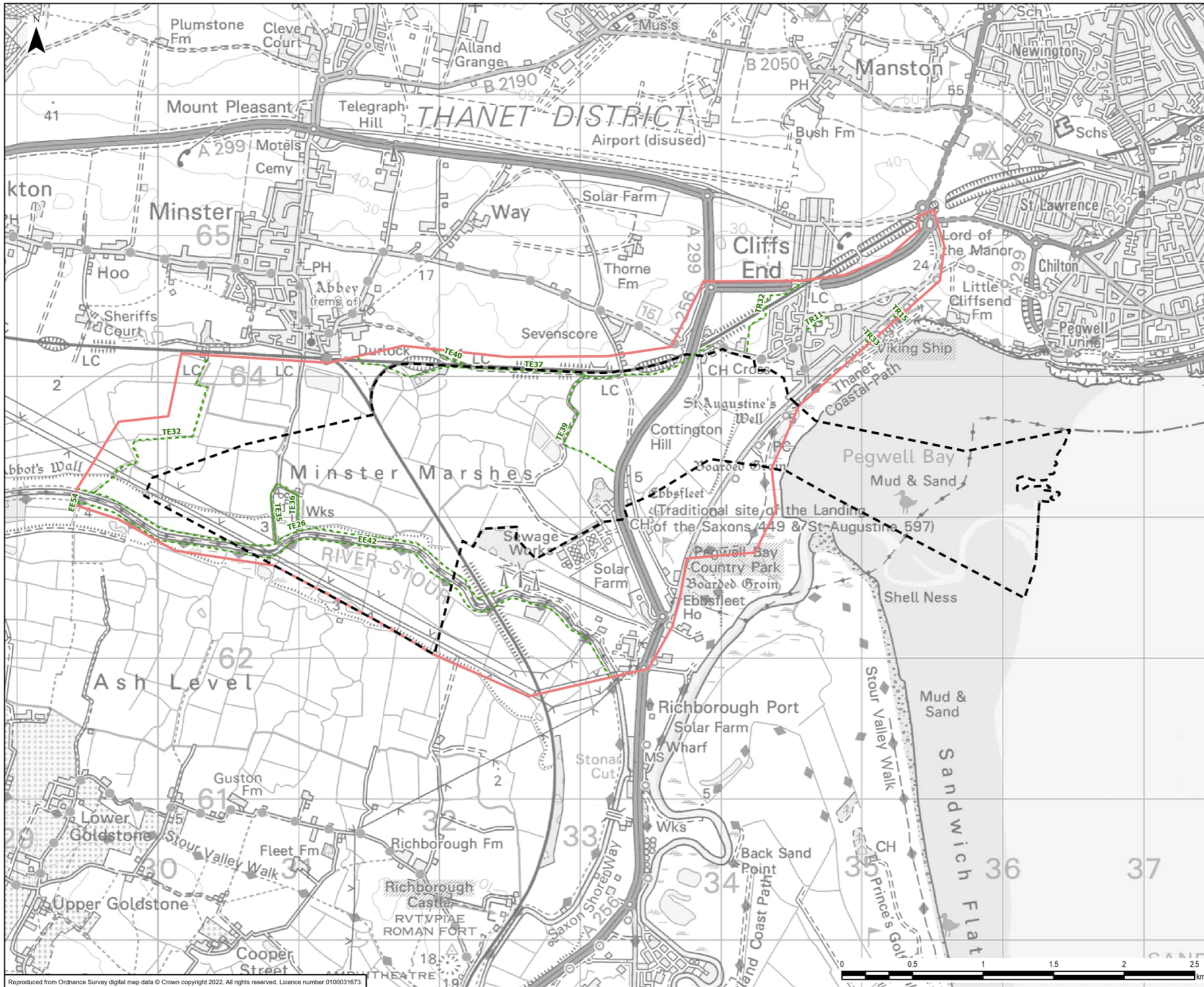
- Project Scoping Boundary
- Kent Onshore Scheme Scoping Boundary
- Woodland Grant Scheme 1
- Woodland Grant Scheme 2
- Woodland Grant Scheme 3

**Environmental Stewardship Agreements**

- Entry Level plus Higher Level Stewardship

0	09/08/2022	SCOPING REPORT	EB	DF	BL
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: ENVIRONMENTAL STEWARDSHIP AGREEMENTS AND WOODLAND GRANT SCHEMES					
Creator: EB	Date: 09/08/2022	Checker: DF	Date: 09/08/2022	Approver: BL	Date: 09/08/2022
Document Ref: FIGURE 3.7.4	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	

Woodland Grant Scheme and Environmental Stewardship Agreements data sourced from MAGICMap. Reproduced from Ordnance Survey digital map data © Crown copyright 2022. All rights reserved. Licence number 0100031673.

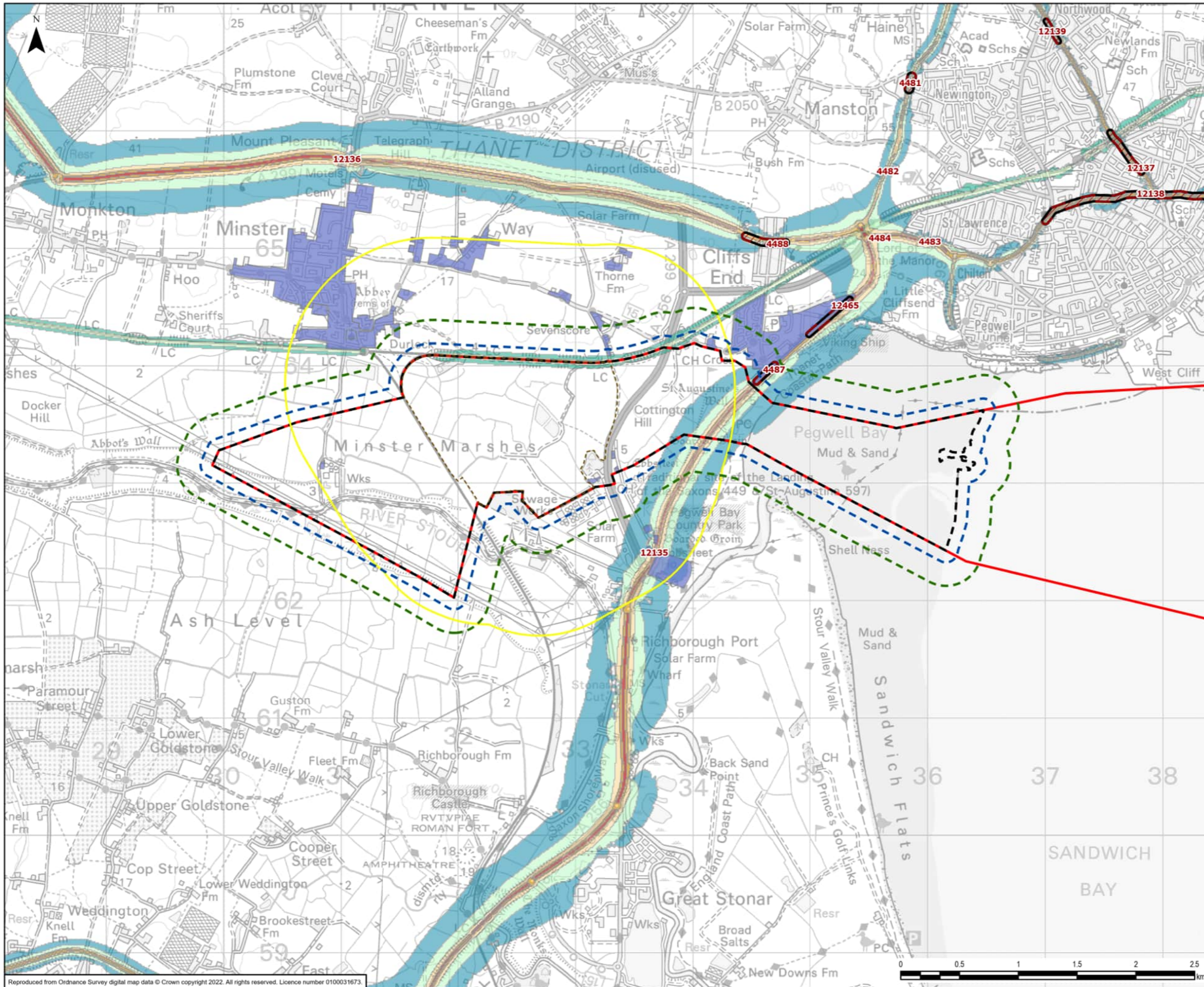


- Legend**
- Kent Onshore Scheme Scoping Boundary
  - Kent Traffic & Transport Study Area Boundary
  - Public Rights of Way**
    - Public Footpath
    - Restricted Byway

0	28/07/2022	SCOPING REPORT	EB	DF	MA
Rev	Date	Description	GIS	Chk	App
Scheme: SEA LINK					
Document Title: PROPOSED STUDY AREA IN KENT (TRAFFIC AND TRANSPORT)					
Creator: EB	Date: 28/07/2022	Checker: DF	Date: 28/07/2022	Approver: MA	Date: 28/07/2022
Document Ref: FIGURE 3.8.1	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	

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**Legend**

- Project Scoping Boundary
- Kent Onshore Scheme Scoping Boundary
- Kent Converter Site Option Area
- 300m Construction Noise Study Area
- 100m Construction Vibration Study Area
- 1km Operational Noise Study Area
- Noise and Vibration Sensitive Receptors
- Noise Important Area

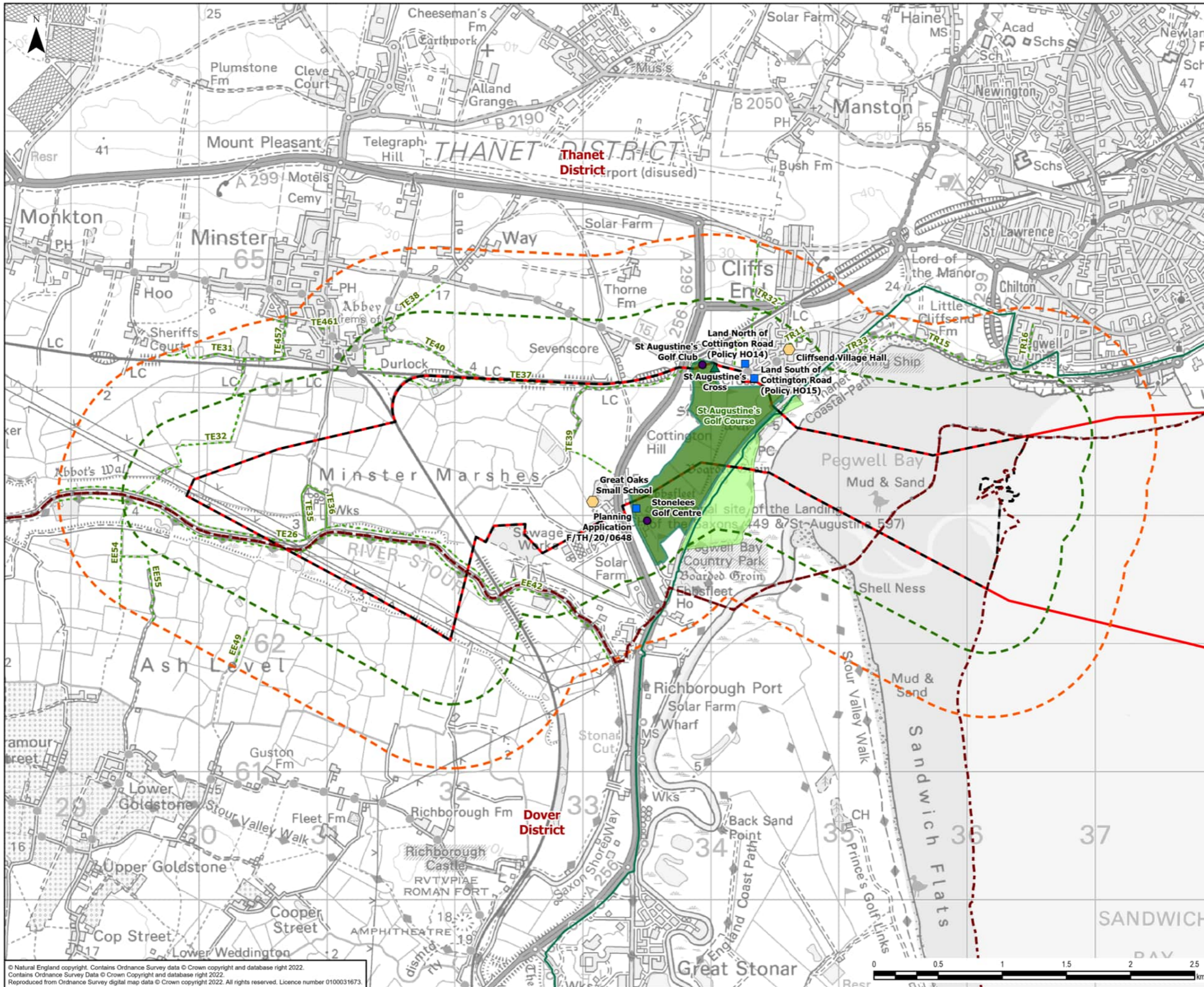
**Defra Road Traffic Noise, dBA**

- 55.0-59.9
- 60.0-64.9
- 65.0-69.9
- 70.0-74.9
- >=75.0

**Defra Rail Noise, dBA**

- 55.0-59.9
- 60.0-64.9
- 65.0-69.9

0	22/07/2022	SCOPING REPORT	EB	DF	DG
Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: NOISE AND VIBRATION BASELINE - KENT					
Creator: EB	Date: 22/07/2022	Checker: DF	Date: 22/07/2022	Approver: DG	Date: 22/07/2022
Document Ref: FIGURE 3.10.1	Scale: 1:30,000	Format: A3	Sheets: 1	Rev: 0	

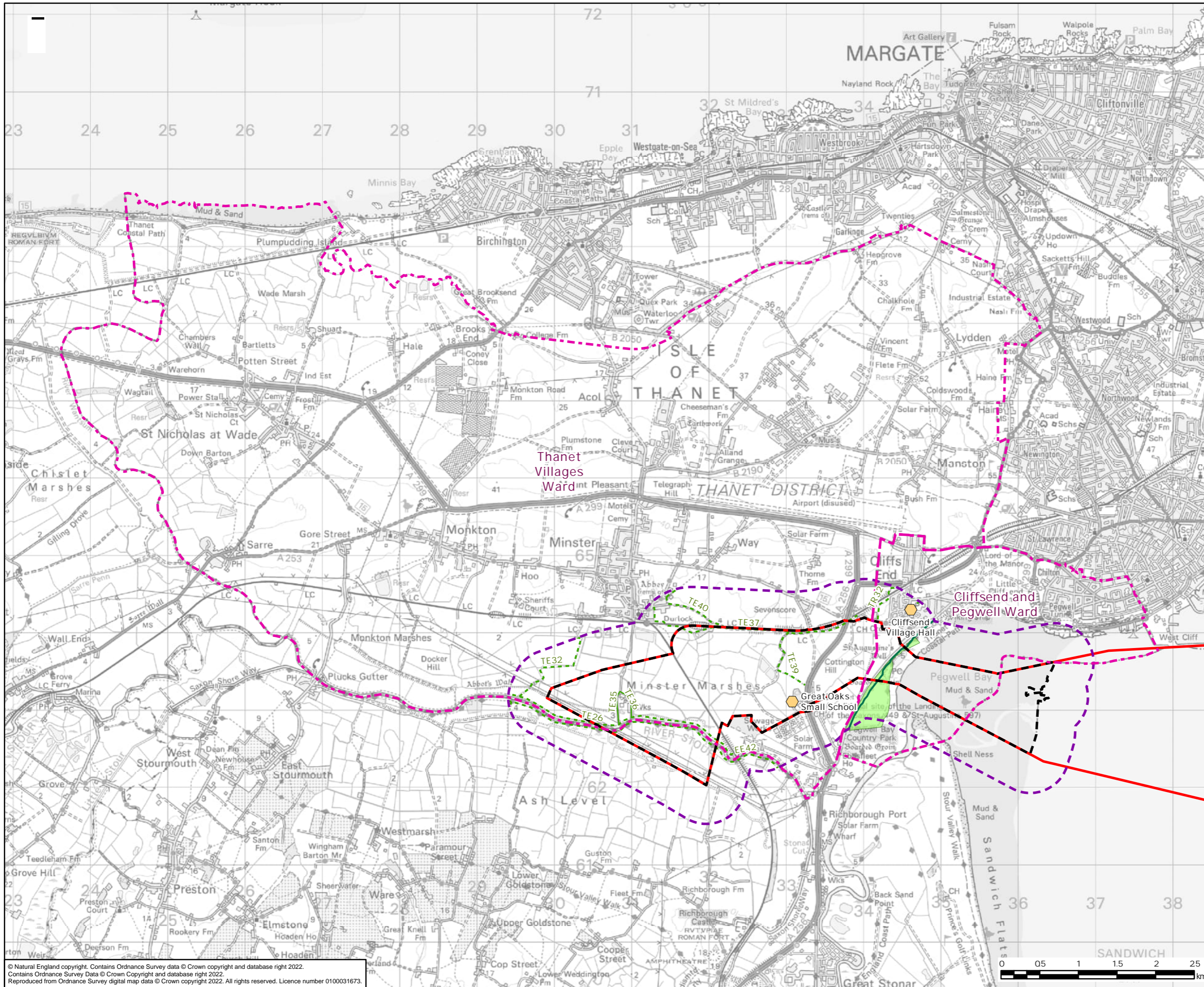


- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary - 500m Buffer
  - Kent Onshore Scheme Scoping Boundary - 1km Buffer
  - District Borough Unitary Boundary
  - ▲ Visitor Attractions
  - Development Land
  - ⬠ Community Facilities
  - Business Premises
  - Public Rights of Way
  - Public Footpath
  - Restricted Byway
  - National Cycle Network Route 15
  - Pegwell Bay Country Park
  - Golf Course

0	11/07/2022	SCOPING REPORT	EB	DF	JR
Rev	Date	Description	GIS	Chk	App

<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: SOCIO-ECONOMIC, RECREATION AND TOURISM - STUDY AREAS AND RECEPTORS					
Creator: EB	Date: 11/07/2022	Checker: DF	Date: 11/07/2022	Approver: EW	Date: 11/07/2022
Document Ref: FIGURE 3.11.1	Scale: 1:27,500	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary - 500m Buffer
  - Human Health Profile Baseline Study Area
  - Community Facilities within 500m
  - Public Rights of Way within 500m
  - Public Footpath
  - Restricted Byway
  - National Cycle Network Route within 500m
  - Pegwell Bay Country Park

0	20/10/2022	SCOPING REPORT	EB	DF	JR
Rev	Date	Description	GIS	Chk	App

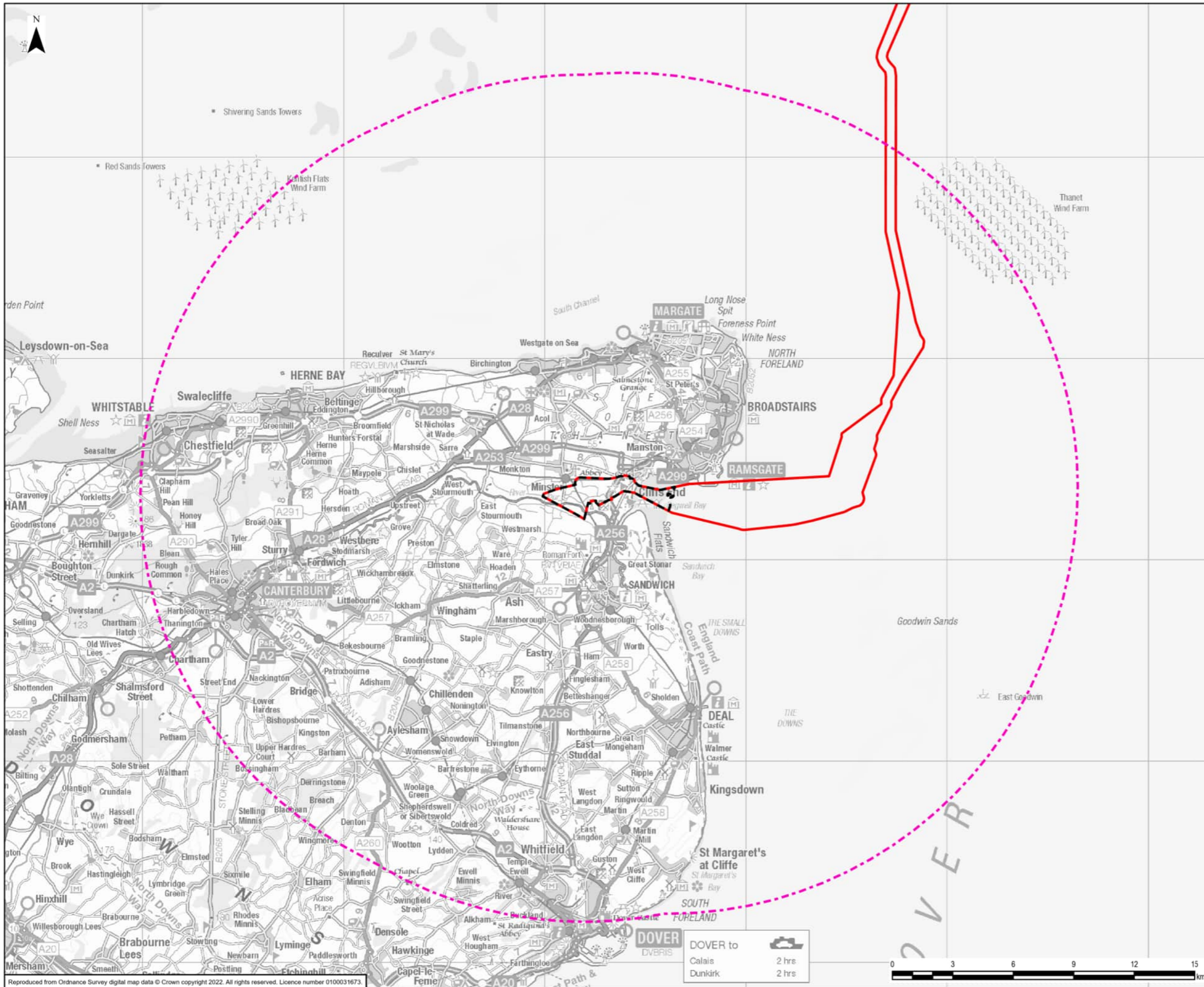


Scheme: SEA LINK

Document Title: KENT ONSHORE SCHEME HEALTH AND WELLBEING STUDY AREAS AND RECEPTORS

Creator: EB	Date: 20/10/2022	Checker: DF	Date: 20/10/2022	Approver: EW	Date: 20/10/2022
Document Ref: FIGURE 3.12.1	Scale: 1:45,550	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary - Cumulative Zone of Influence

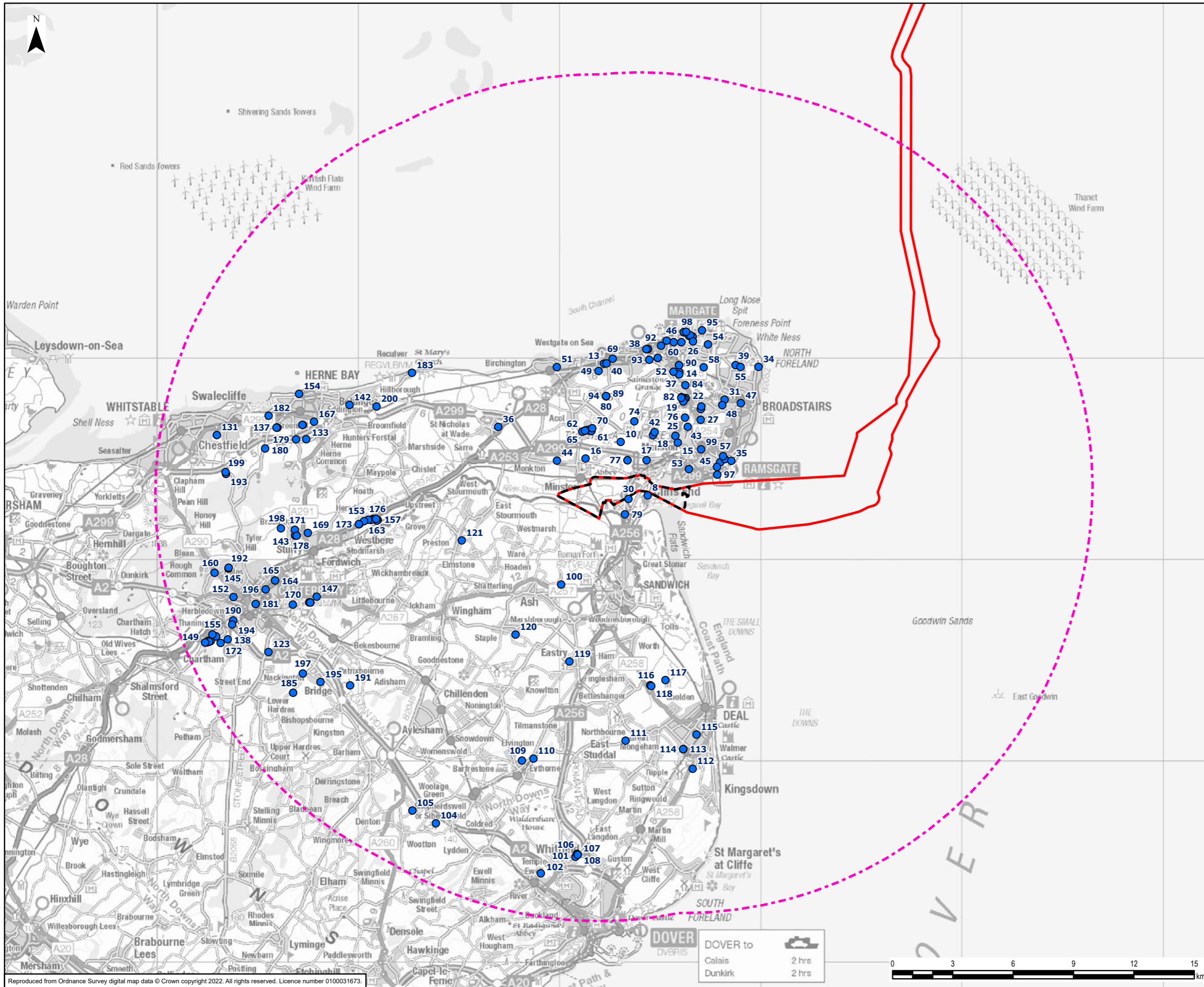
0	01/08/2022	SCOPING REPORT	EB	DF	SA
Rev	Date	Description	GIS	Chk	App



Scheme: SEA LINK

Document Title: ZONE OF INFLUENCE FOR KENT ONSHORE SCHEME

Creator: EB	Date: 01/08/2022	Checker: DF	Date: 01/08/2022	Approver: SA	Date: 01/08/2022
Document Ref: FIGURE 3.13.1	Scale: 1:175,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary - Cumulative Zone of Influence
  - Cumulative Long List Developments

0	29/09/2022	SCOPING REPORT	EB	DF	SA
Rev	Date	Description	GIS	Chk	App

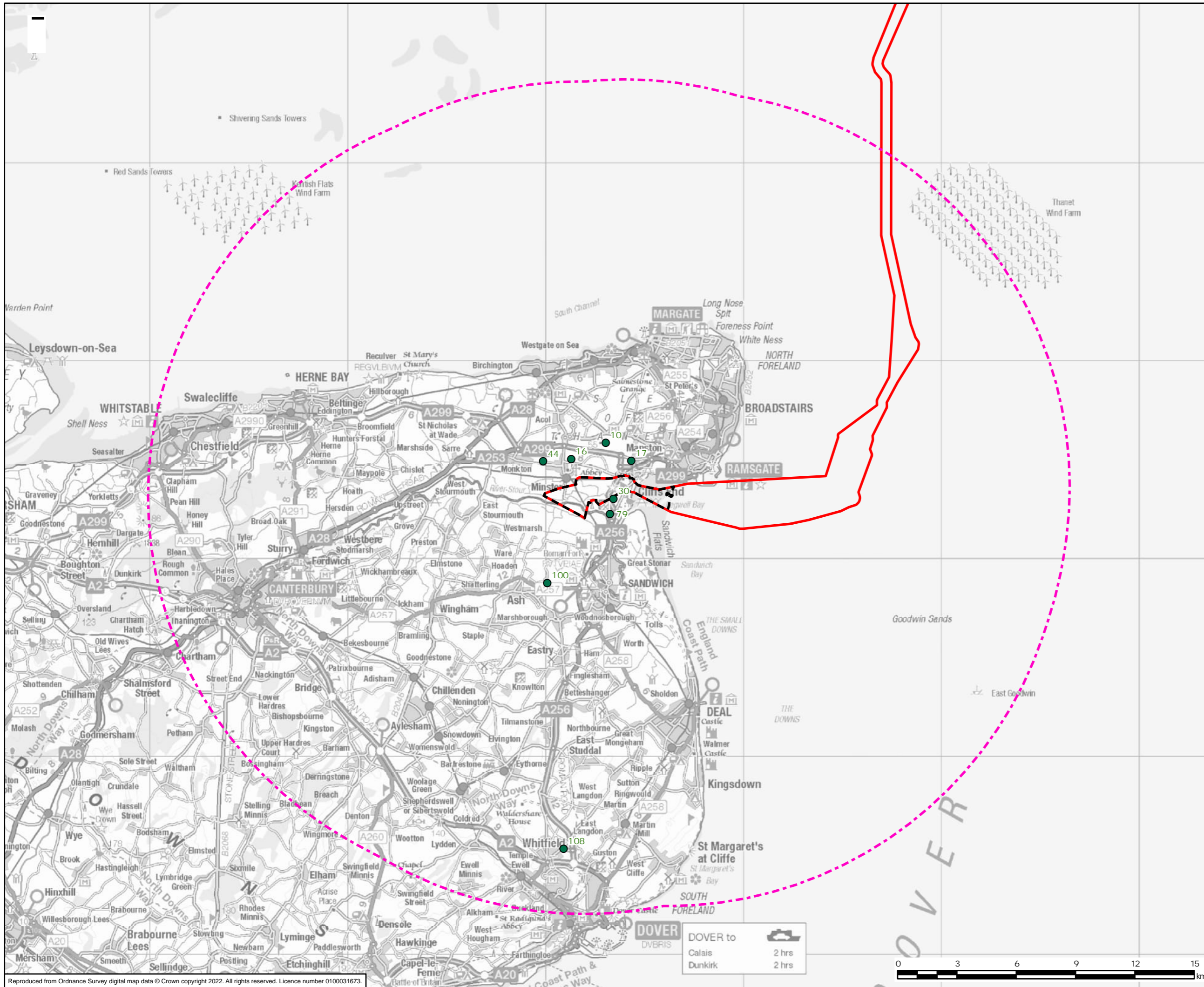
**nationalgrid**

Scheme: SEA LINK

Document Title:  
ALL PROJECTS AND DEVELOPMENT PLANS LOCATED WITHIN THE ZONE OF INFLUENCE FOR KENT ONSHORE SCHEME

Creator: EB	Date: 29/09/2022	Checker: DF	Date: 29/09/2022	Approver: SA	Date: 29/09/2022
Document Ref: FIGURE 3.13.2	Scale: 1:175,000	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Project Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary
  - Kent Onshore Scheme Scoping Boundary - Cumulative Zone of Influence
  - Cumulative Long List Developments

0	17/10/2022	SCOPING REPORT	EB	DF	SA
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK

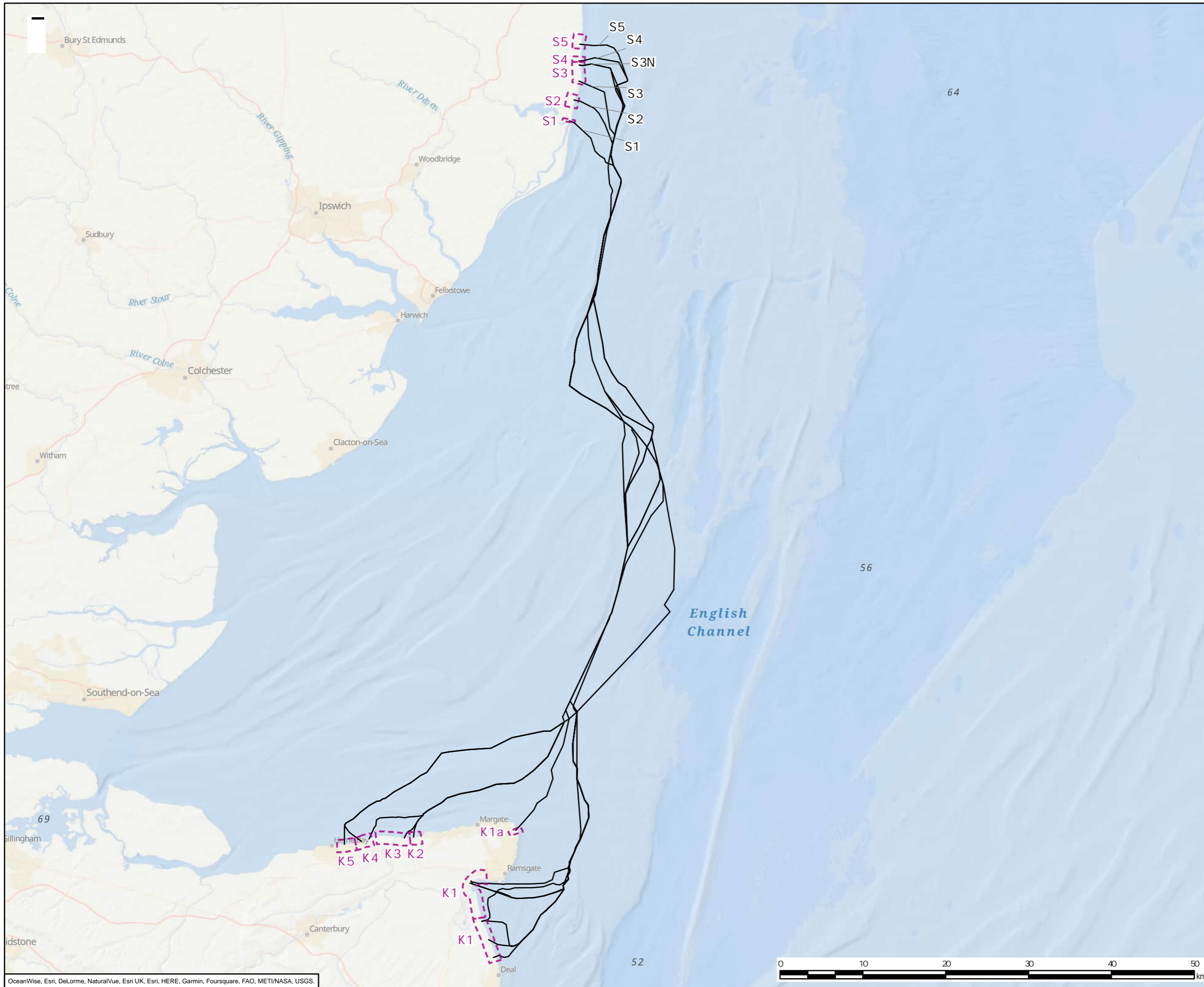
Document Title: PROJECTS TAKEN FORWARD TO STAGE 2 FOR KENT ONSHORE SCHEME

Creator: EB	Date: 17/10/2022	Checker: DF	Date: 17/10/2022	Approver: SA	Date: 17/10/2022
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Document Ref: FIGURE 3.13.3	Scale: 1:177,964	Format: A3	Sheets: 1	Rev: 0
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# Part 4- Offshore Scheme



**Legend**

- Marine Alignment
- - - Landfall Area of Search

0	18/10/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App

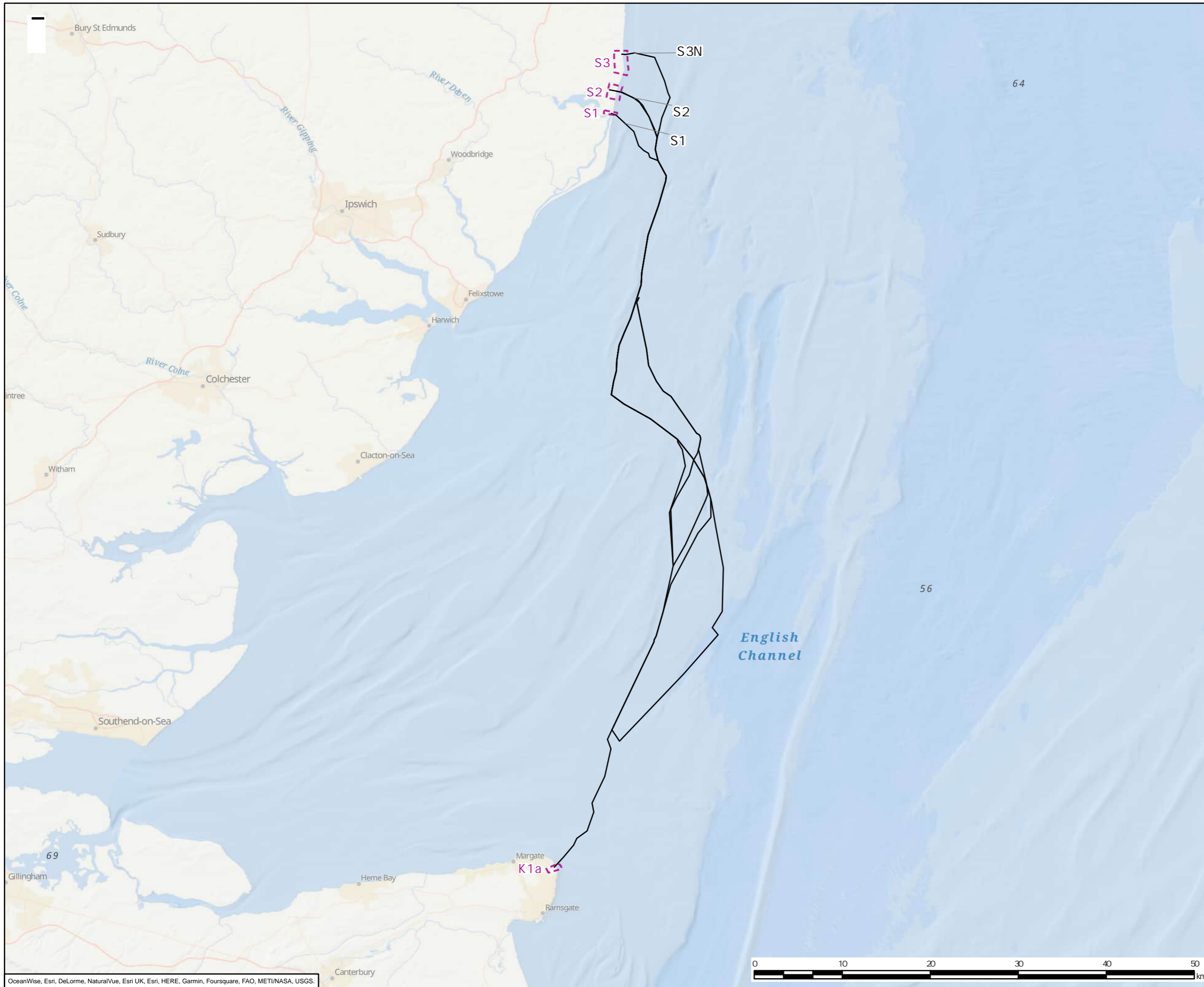
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Scheme: SEA LINK

Document Title: EVOLUTION OF THE OFFSHORE SCHEME - SHEET 1 OF 4

Creator: EB	Date: 18/10/2022	Checker: DF	Date: 18/10/2022	Approver: KS	Date: 18/10/2022
Document Ref: FIGURE 4.1.1	Scale: 1:425,000	Format: A3	Sheets: 1	Rev: 0	





- Legend**
- Marine Alignment
  - - - Landfall Area of Search

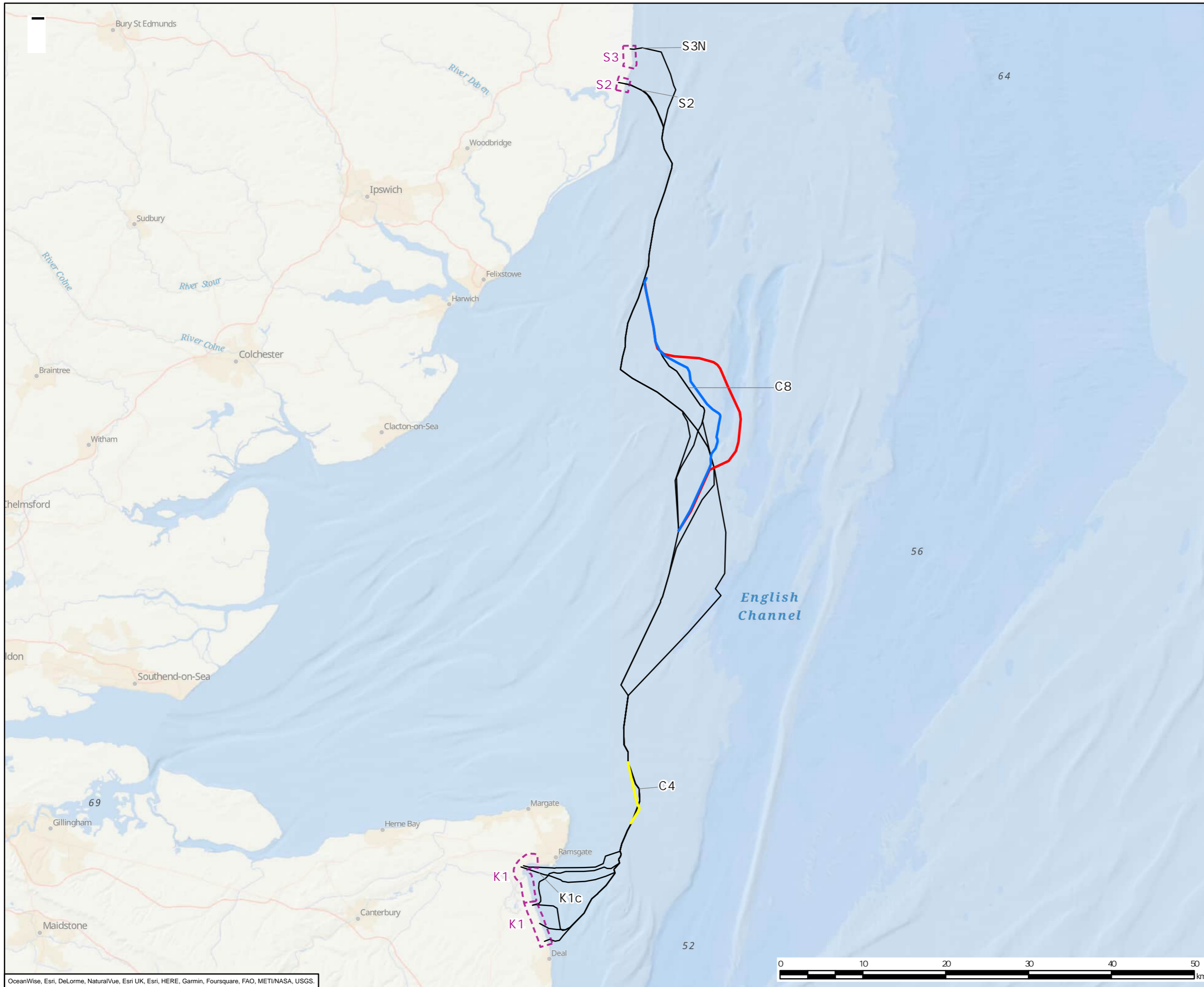
0	18/10/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK

Document Title: EVOLUTION OF THE OFFSHORE SCHEME - SHEET 2 OF 4

Creator: EB	Date: 18/10/2022	Checker: DF	Date: 18/10/2022	Approver: KS	Date: 18/10/2022
Document Ref: FIGURE 4.1.1	Scale: 1:400,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Marine Alignment
  - Alignment C4A
  - Alignment C8A
  - Alignment C8B
  - - - Landfall Area of Search

0	18/10/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App

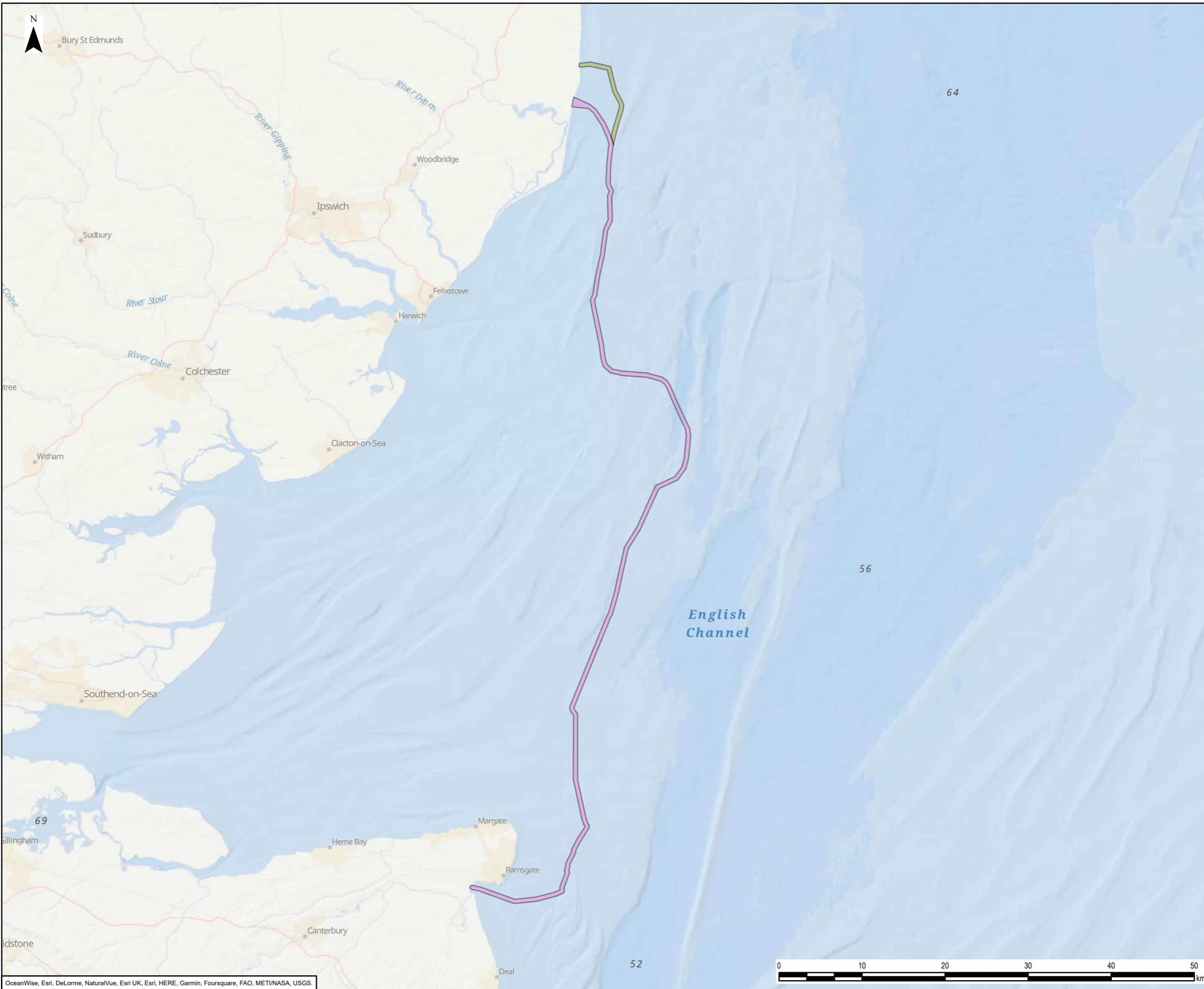
**nationalgrid**

Scheme: SEA LINK

Document Title:  
EVOLUTION OF THE OFFSHORE SCHEME - SHEET 3 OF 4

Creator: EB	Date: 18/10/2022	Checker: DF	Date: 18/10/2022	Approver: KS	Date: 18/10/2022
Document Ref: FIGURE 4.1.1	Scale: 1:425,000	Format: A3	Sheets: 1	Rev: 0	





- Legend
- Marine Route Emerging Preference
  - Marine Route Alternative

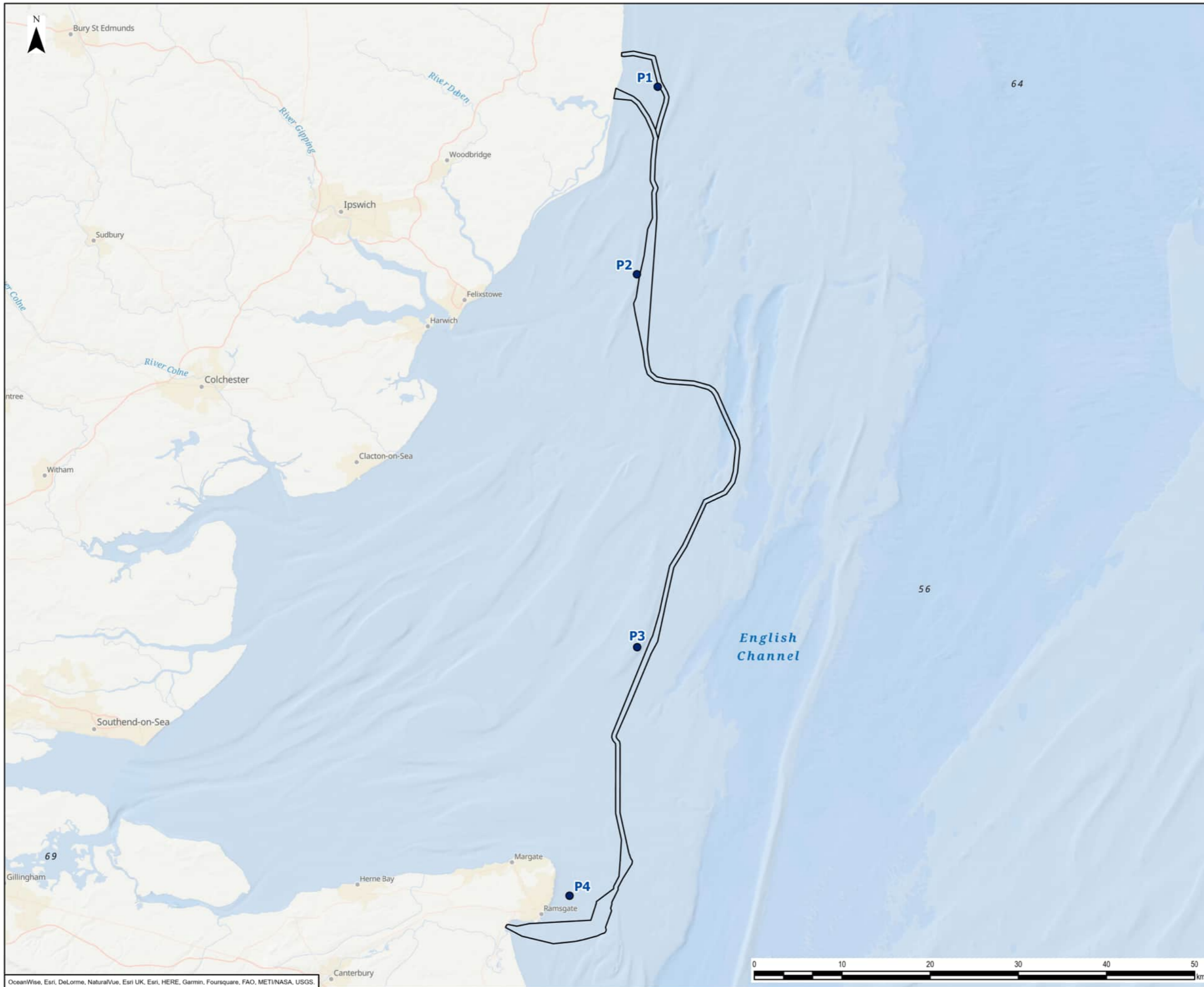
0	07/10/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK

Document Title:  
EVOLUTION OF THE OFFSHORE SCHEME - SHEET 4 OF 4

Creator: EB	Date: 07/10/2022	Checker: DF	Date: 07/10/2022	Approver: KS	Date: 07/10/2022
Document Ref: FIGURE 4.1.1	Scale: 1:425,000	Format: A3	Sheets: 1	Rev: 0	



**Legend**

- Offshore Scheme Scoping Boundary
- Metrocean Data Sites

0	09/08/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App

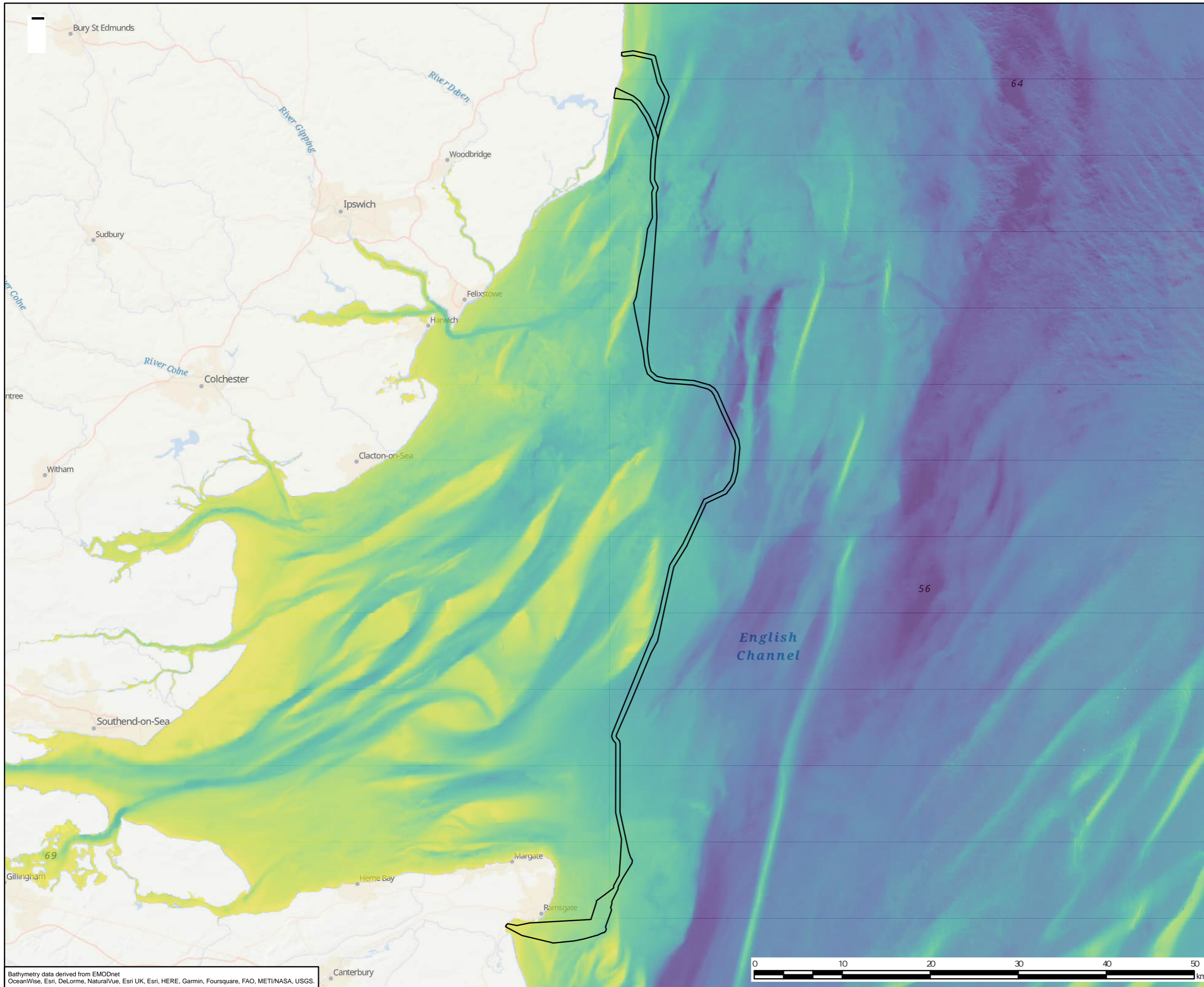


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
Document Title: PHYSICAL ENVIRONMENT STUDY AREA AND METEOCEAN DATA SITES

Creator: EB	Date: 09/08/2022	Checker: DF	Date: 09/08/2022	Approver: KS	Date: 09/08/2022
Document Ref: FIGURE 4.2.1	Scale: 1:400,000	Format: A3	Sheets: 1	Rev: 0	






**Legend**

 Offshore Scheme Scoping Boundary

**Elevation (m)**

 29.4  
 -103.85

0	07/09/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

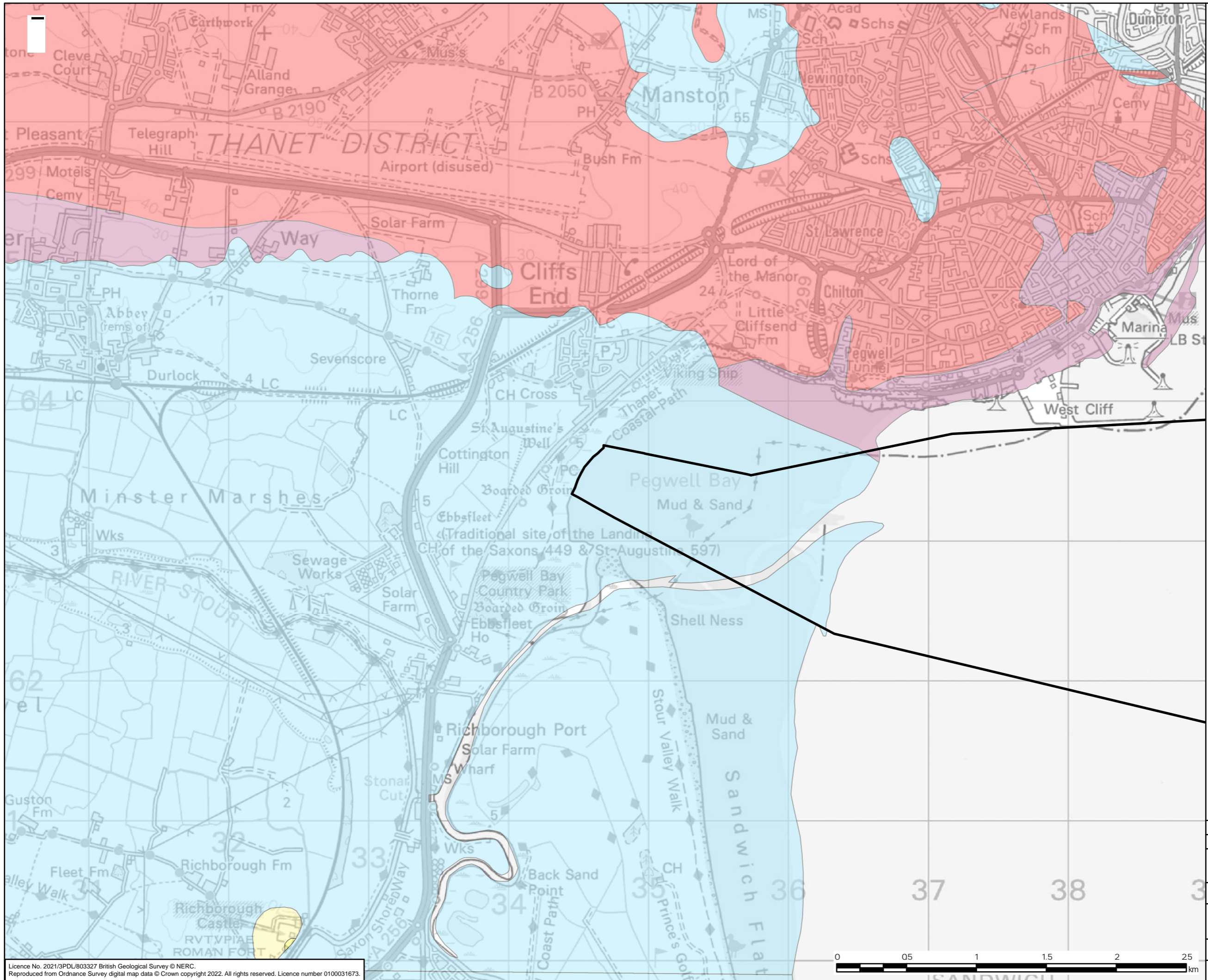
Scheme: SEA LINK

Document Title: BATHYMETRY OF THE STUDY AREA

Creator: EB	Date: 07/09/2022	Checker: DF	Date: 07/09/2022	Approver: KS	Date: 07/09/2022
Document Ref: FIGURE 4.2.4	Scale: 1:400,000	Format: A3	Sheets: 1	Rev: 0	



Bathymetry data derived from EMODnet, OceanWise, Esri, DeLorme, NaturalVue, Esri UK, Esri, HERE, Garmin, Foursquare, FAO, METI/NASA, USGS.



- Legend**
- Offshore Scheme Scoping Boundary
  - Bedrock Geology**
  - Harwich Formation - Sand and Gravel
  - Lambeth Group - Sand
  - Margate Chalf Member - Chalk
  - Seaford Chalk Formation - Chalk
  - Thanet Formation - Sand, Silt and Clay

0	07/09/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

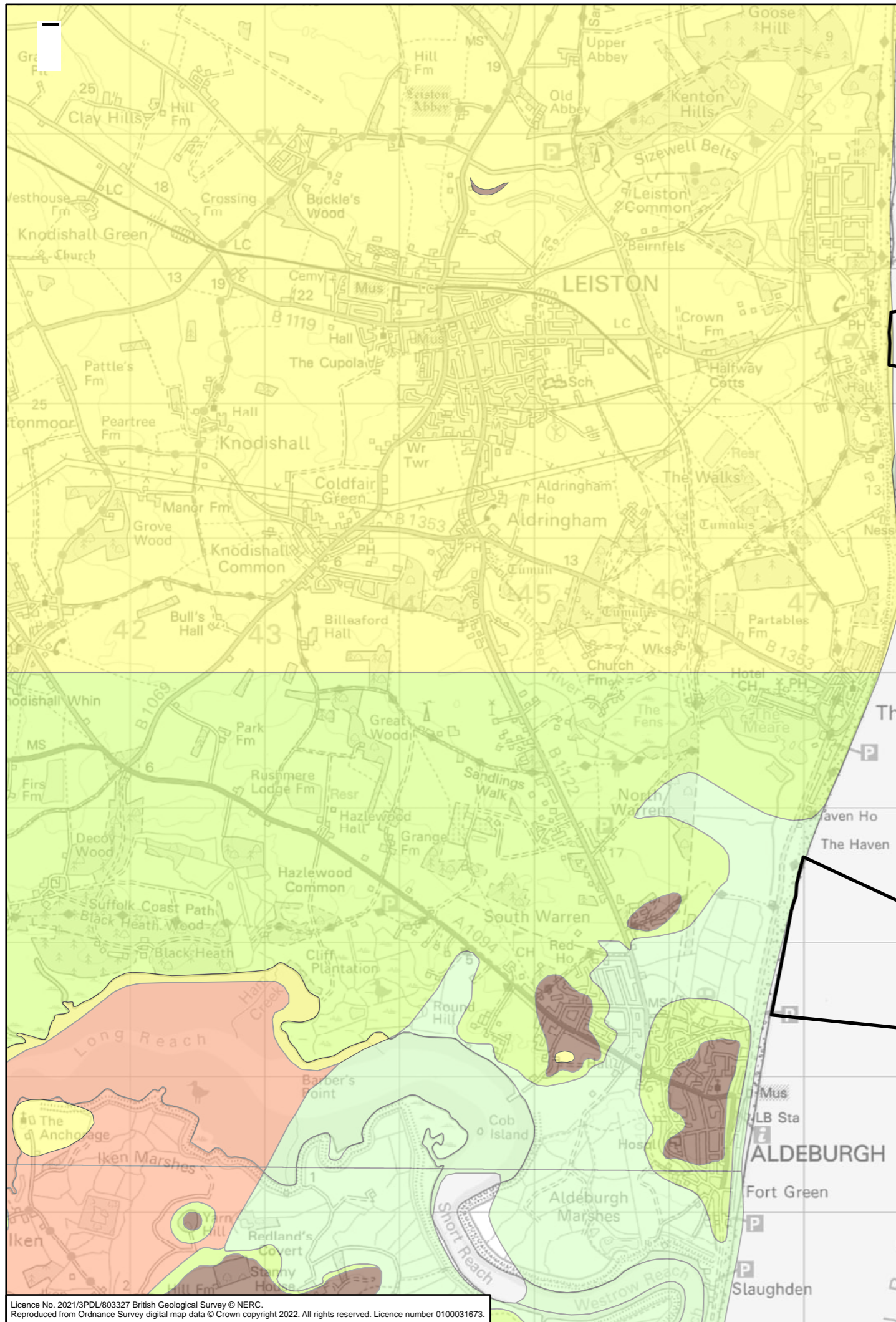
Scheme: SEA LINK

Document Title: BEDROCK GEOLOGY AT THE KENT LANDFALL

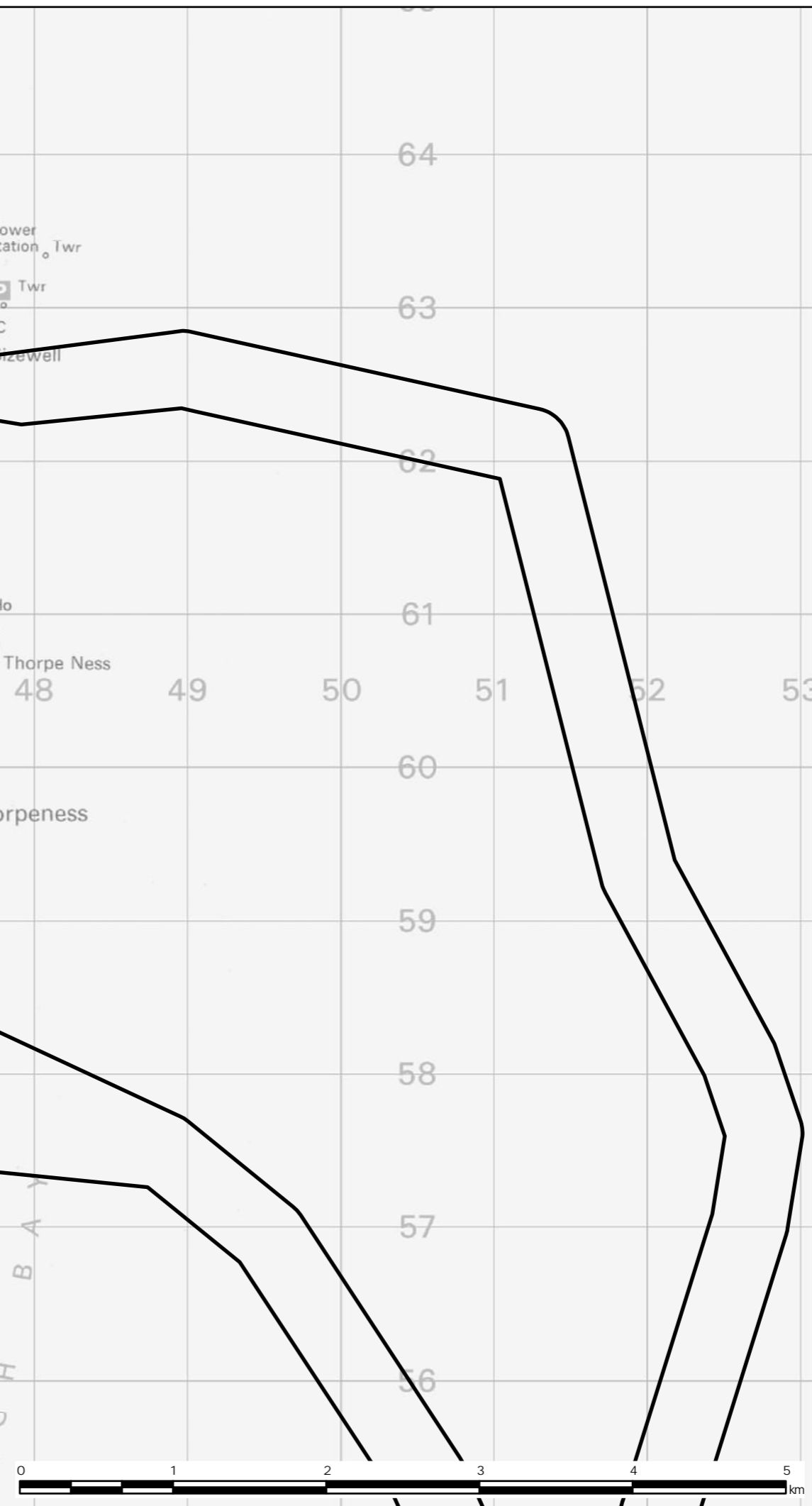
Creator: EB	Date: 07/09/2022	Checker: DF	Date: 07/09/2022	Approver: KS	Date: 07/09/2022
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Document Ref: FIGURE 4.2.5	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0
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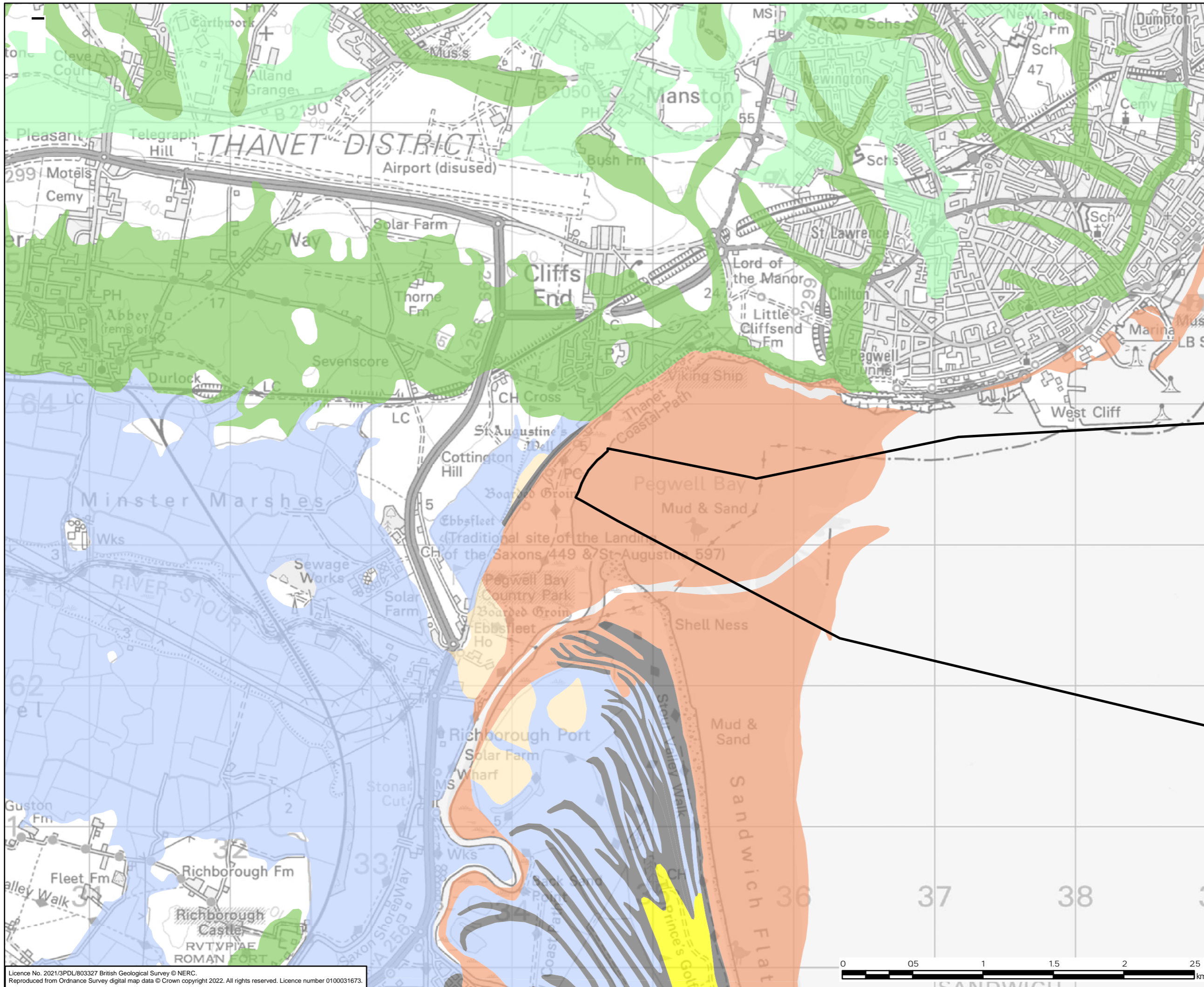


- Legend**
- Offshore Scheme Scoping Boundary
  - Bedrock Geology**
  - Chillesford Church Sand Member - Sand
  - Chillesford Clay Member - Clay, Silty
  - Coralline Crag Formation - Calcarenite
  - Crag Group - Sand
  - Red Crag Formation - Sand



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Rev	Date	Description	GIS	Chk	App
<b>nationalgrid</b>					
Scheme: SEA LINK					
Document Title: BEDROCK GEOLOGY AT THE SUFFOLK LANDFALLS					
Creator: EB	Date: 07/09/2022	Checker: DF	Date: 07/09/2022	Approver: KS	Date: 07/09/2022
Document Ref: FIGURE 4.2.6	Scale: 1:35,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Offshore Scheme Scoping Boundary
  - Superficial Geology**
  - Alluvium - Clay, Silt, Sand and Gravel
  - Beach and Tidal Flat Deposits (Undifferentiated) - Sand and Gravel
  - Beach and Tidal Flat Deposits (Undifferentiated) - Sand, Silt and Clay
  - Blown Sand - Sand
  - Head - Clay, Silt, Sand and Gravel
  - Head - Gravel, Sand, Silt and Clay
  - Head, 1 - Clay and Silt
  - Head, 2 - Clay and Silt
  - Storm Beach Deposits - Sand and Gravel
  - Tidal Flat Deposits - Clay and Silt

0	07/09/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

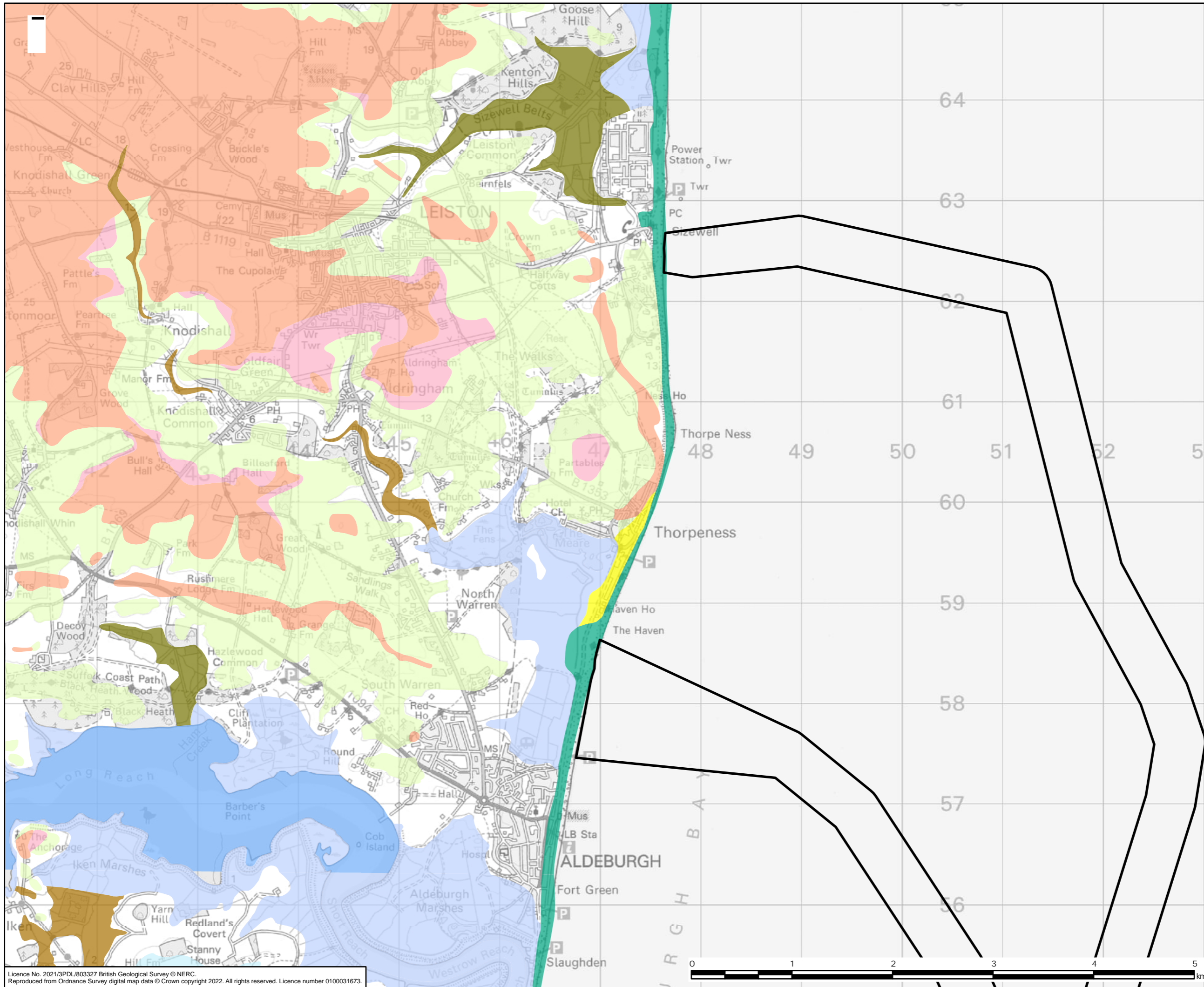
Scheme: SEA LINK

Document Title:  
SUPERFICIAL GEOLOGY AT THE KENT LANDFALL

Creator: EB	Date: 07/09/2022	Checker: DF	Date: 07/09/2022	Approver: KS	Date: 07/09/2022
Document Ref: FIGURE 4.2.7	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	

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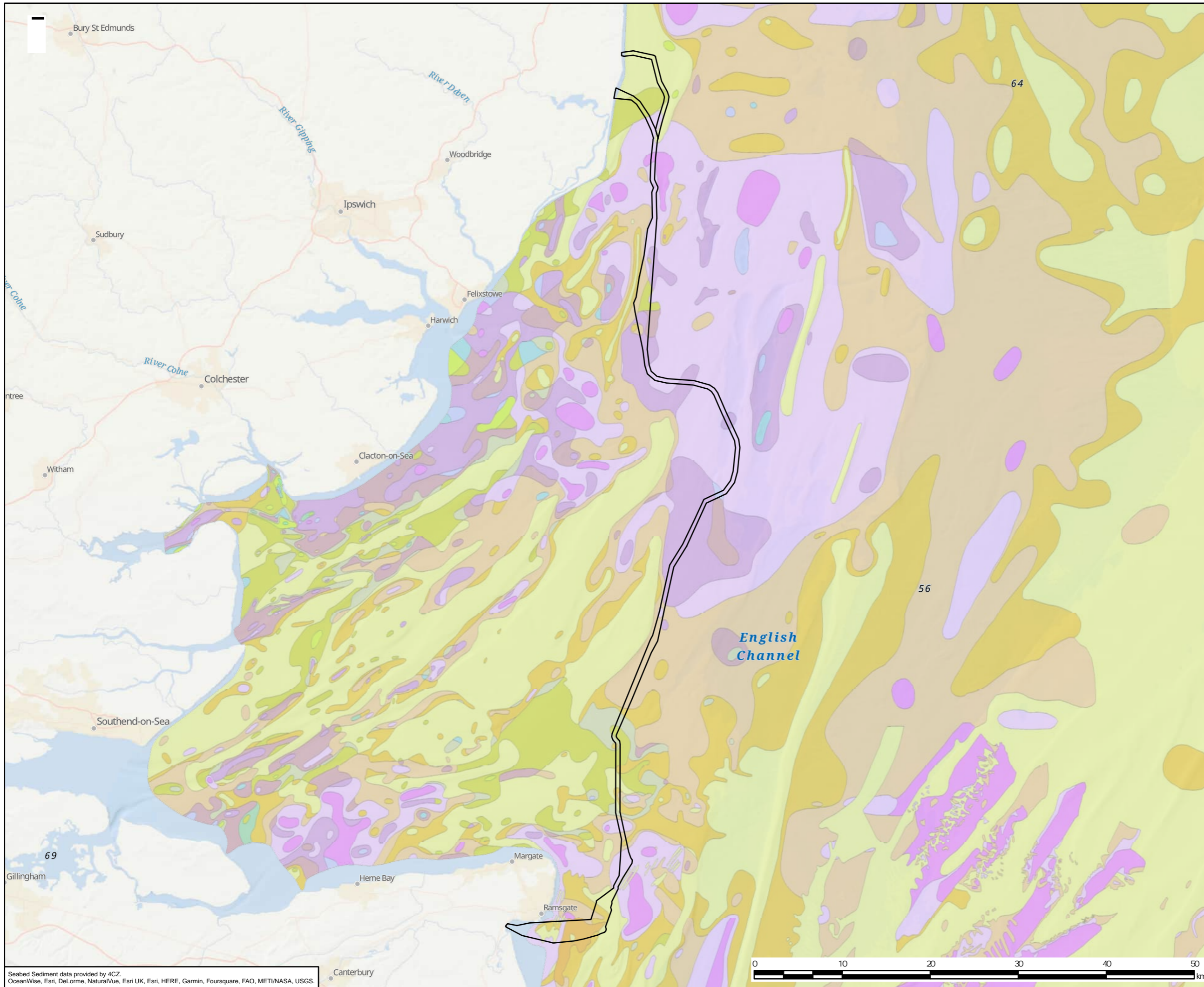




- Legend**
- Offshore Scheme Scoping Boundary
  - Superficial Geology**
  - Alluvium - Clay, Silt, Sand and Gravel
  - Blown Sand - Sand
  - Kesgrave Catchment Subgroup - Sand and Gravel
  - Lowestoft Formation - Clay and Silt
  - Lowestoft Formation - Diamicton
  - Lowestoft Formation - Sand and Gravel
  - Marine Beach Deposits - Sand and Gravel
  - Peat - Peat
  - Tidal Flat Deposits - Clay and Silt
  - Tidal Flat Deposits, 1 - Clay and Silt

0	07/09/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App
Scheme: SEA LINK					
Document Title: SUPERFICIAL GEOLOGY AT THE SUFFOLK LANDFALLS					
Creator: EB	Date: 07/09/2022	Checker: DF	Date: 07/09/2022	Approver: KS	Date: 07/09/2022
Document Ref: FIGURE 4.2.8	Scale: 1:35,000	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Offshore Scheme Scoping Boundary
- Seabed Sediment<sup>1</sup>**
- Gravel
  - Gravelly Mud
  - Gravelly Muddy Sand
  - Gravelly Sand
  - Muddy Gravel
  - Muddy Sand
  - Muddy Sandy Gravel
  - Sand
  - Sandy Gravel
  - Sandy Mud
  - Slightly Gravelly Muddy Sand
  - Slightly Gravelly Sand
  - Slightly Gravelly Sandy Mud

1: All seabed sediment types belong to the Marine Sediments, Holocene (Undifferentiated) group.

0	07/09/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

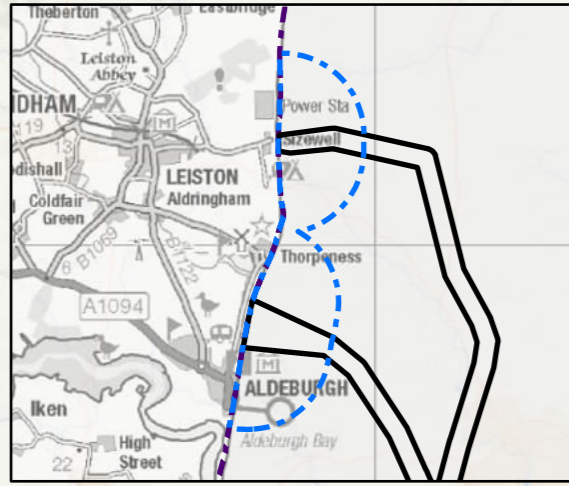
Scheme: SEA LINK

Document Title: SEABED SEDIMENTS ACROSS THE STUDY AREA

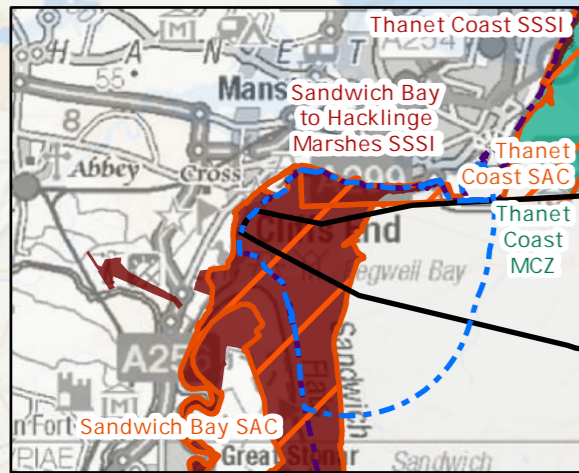
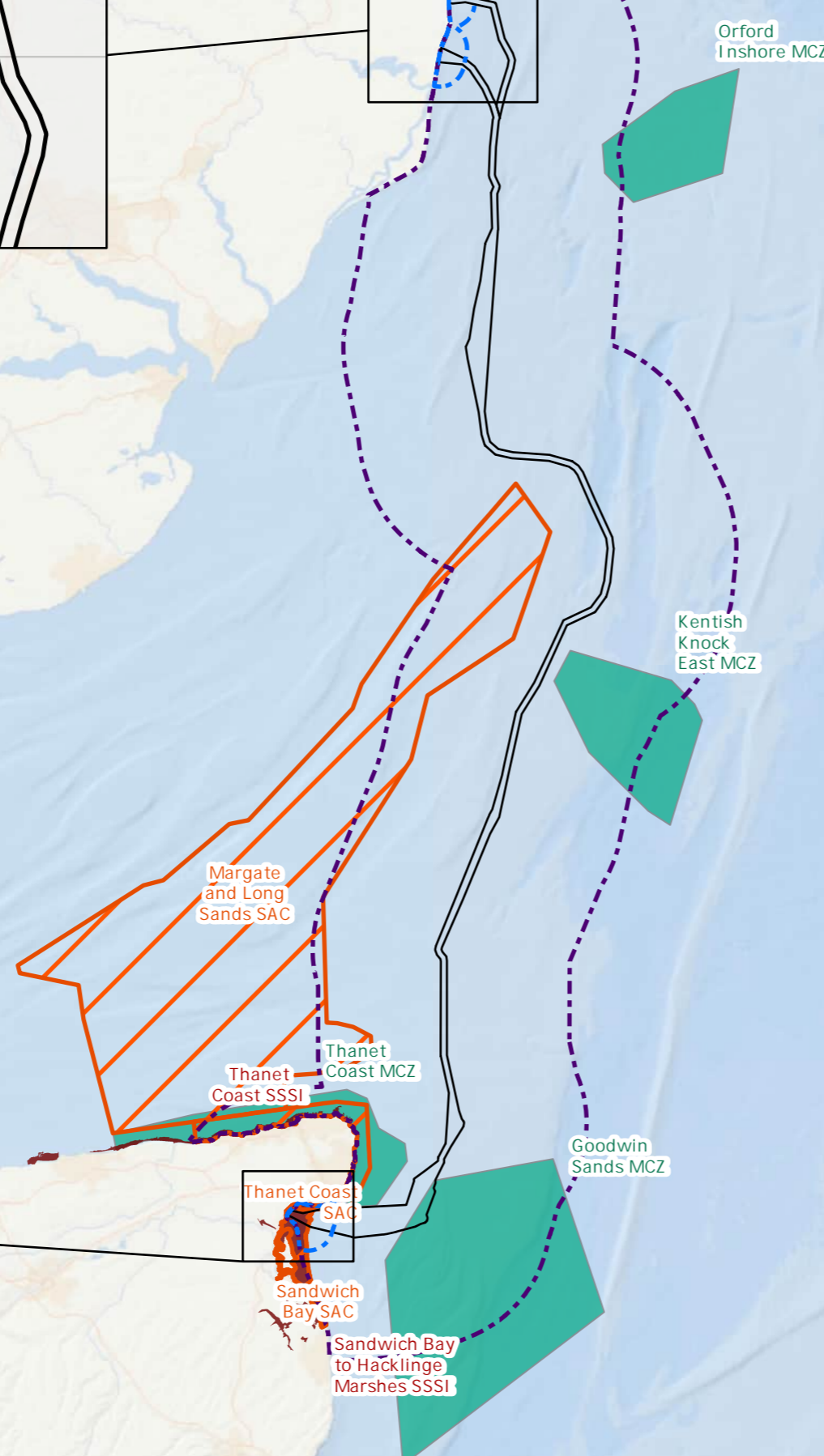
Creator: EB	Date: 07/09/2022	Checker: DF	Date: 07/09/2022	Approver: KS	Date: 07/09/2022
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Document Ref: FIGURE 4.2.9	Scale: 1:400,000	Format: A3	Sheets: 1	Rev: 0
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Seabed Sediment data provided by 4CZ. OceanWise, Esri, DeLorme, NaturalVue, Esri UK, Esri, HERE, Garmin, Foursquare, FAO, METI/NASA, USGS.



- Legend**
- Offshore Scheme Scoping Boundary
  - Intertidal Benthic Ecology Study Area
  - Subtidal Benthic Ecology Study Area
  - Special Area of Conservation
  - Site of Special Scientific Interest
  - Marine Conservation Zone



0	25/08/2022	SCOPING REPORT	EB	DF	CC
Rev	Date	Description	GIS	Chk	App

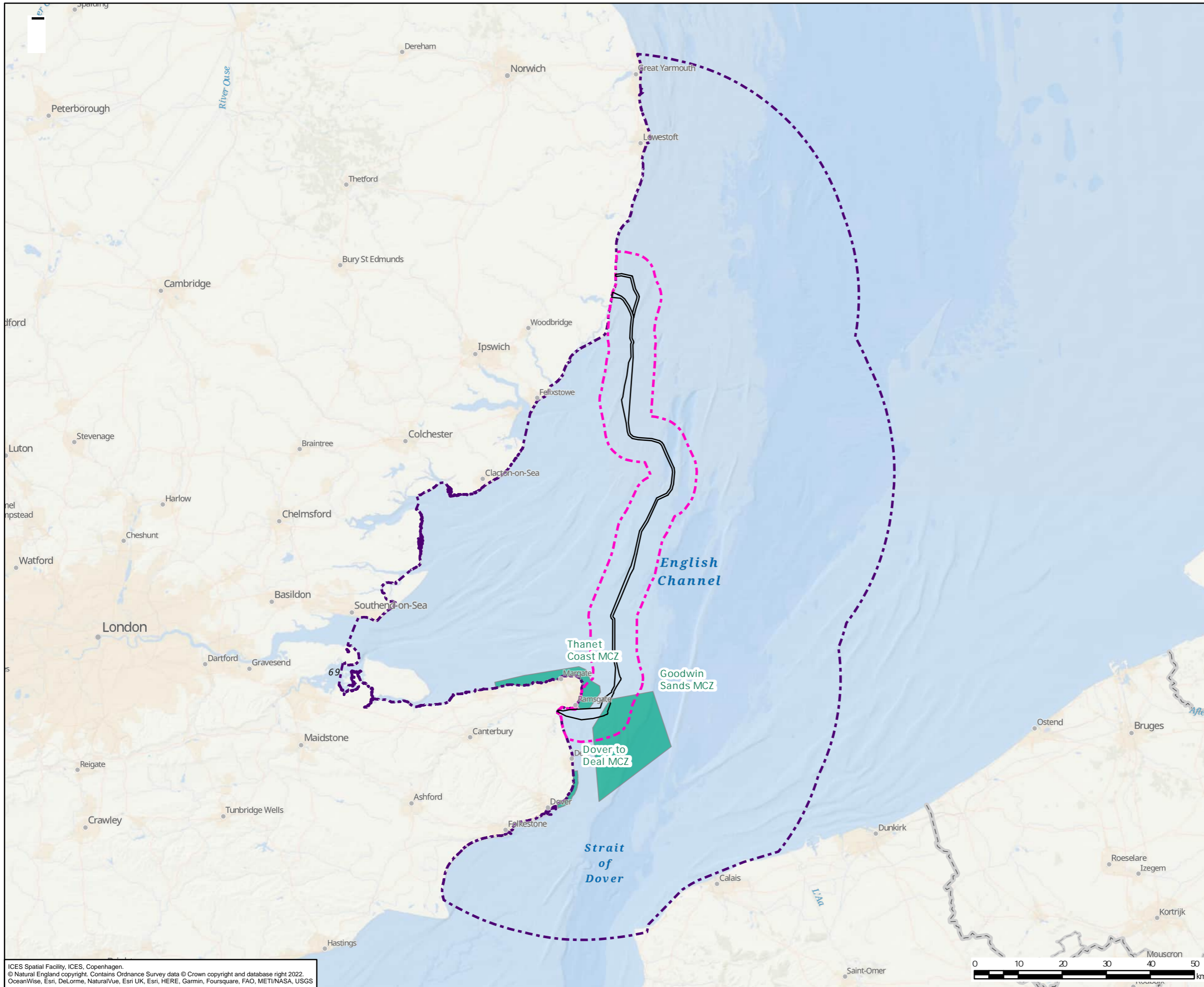
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



Scheme: SEA LINK  
 Document Title: BENTHIC ECOLOGY STUDY AREA AND DESIGNATED SITES

Creator: EB	Date: 25/08/2022	Checker: DF	Date: 25/08/2022	Approver: CC	Date: 25/08/2022
Document Ref: FIGURE 4.3.1	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 0	



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- Legend**
-  Offshore Scheme Scoping Boundary
  -  Fish and Shellfish Ecology Study Area
  -  Fish and Shellfish Ecology Designated Sites Screening Area
  -  Marine Conservation Zone

0	25/08/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App

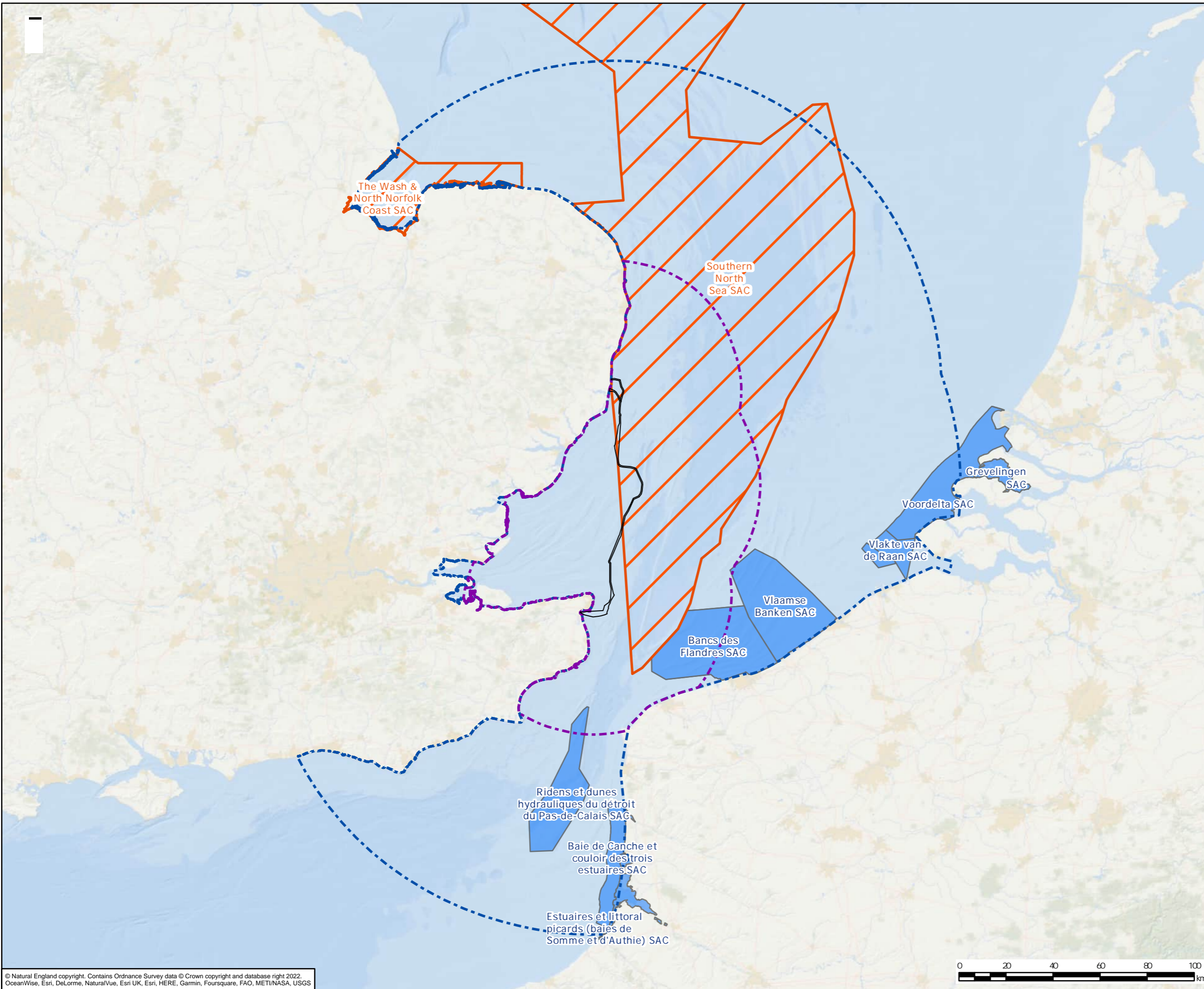
**nationalgrid**

Scheme: SEA LINK

Document Title: FISH AND SHELLFISH ECOLOGY STUDY AREA AND DESIGNATED SITES

Creator: EB	Date: 25/08/2022	Checker: DF	Date: 25/08/2022	Approver: KS	Date: 25/08/2022
Document Ref: FIGURE 4.4.1	Scale: 1:800,000	Format: A3	Sheets: 1	Rev: 0	

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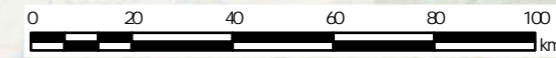
- Legend**
- Offshore Scheme Scoping Boundary
  - Cetacean and Harbour Seal Designated Sites Screening Area (50km)
  - Grey Seal Designated Sites Screening Area (135km)
  - Special Area of Conservation (SAC)
  - Special Area of Conservation (European)

0	25/08/2022	SCOPING REPORT	EB	DF	CC
Rev	Date	Description	GIS	Chk	App

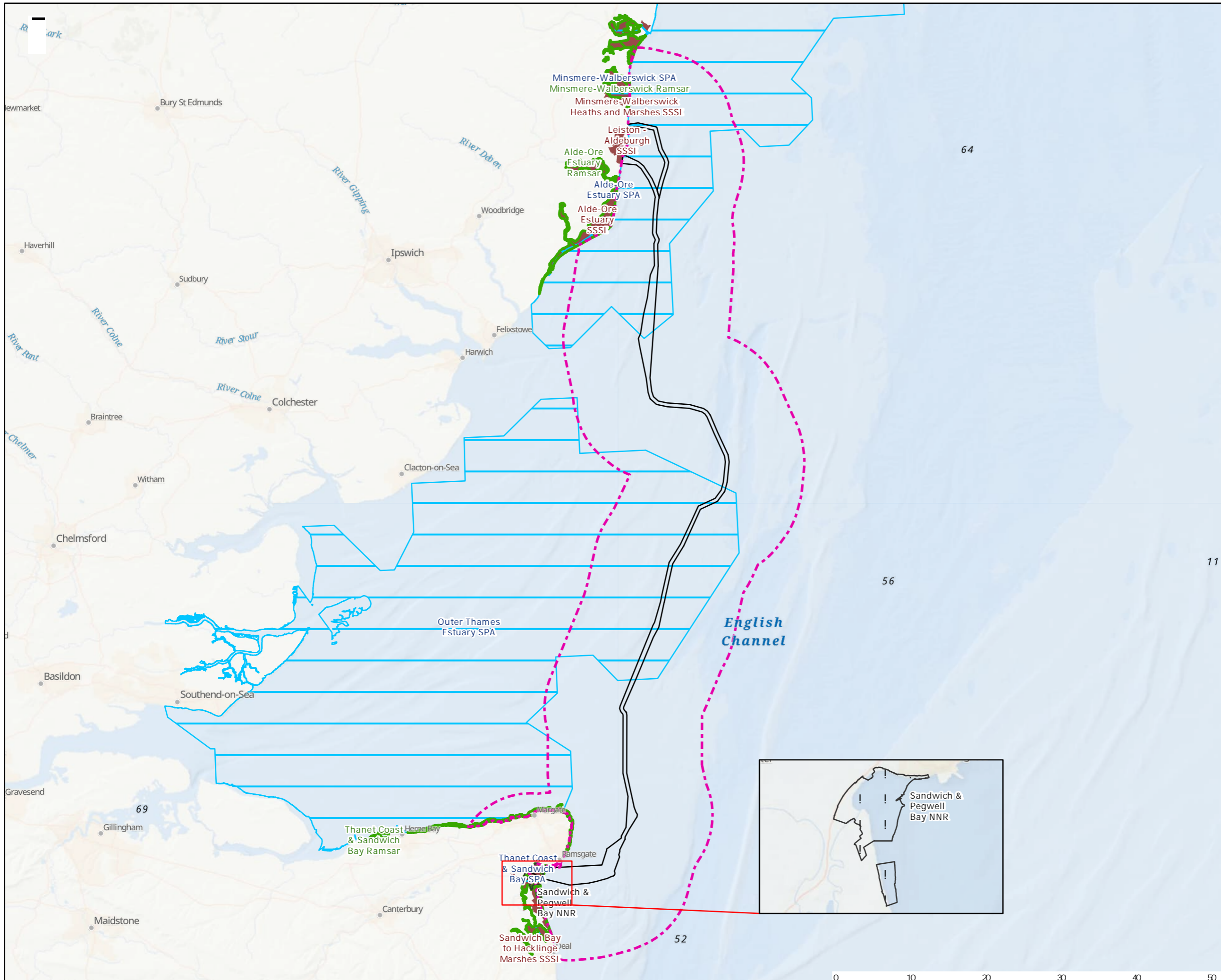
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Scheme: SEA LINK  
 Document Title: MARINE MAMMALS STUDY AREA AND DESIGNATED SITES

Creator: EB	Date: 25/08/2022	Checker: DF	Date: 25/08/2022	Approver: CC	Date: 25/08/2022
Document Ref: FIGURE 4.5.1	Scale: 1:1,500,000	Format: A3	Sheets: 1	Rev: 0	



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- Legend**
- Offshore Scheme Scoping Boundary
  - Marine Ornithology Study Area
  - Ramsar
  - Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)
  - National Nature Reserve



0	25/08/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App



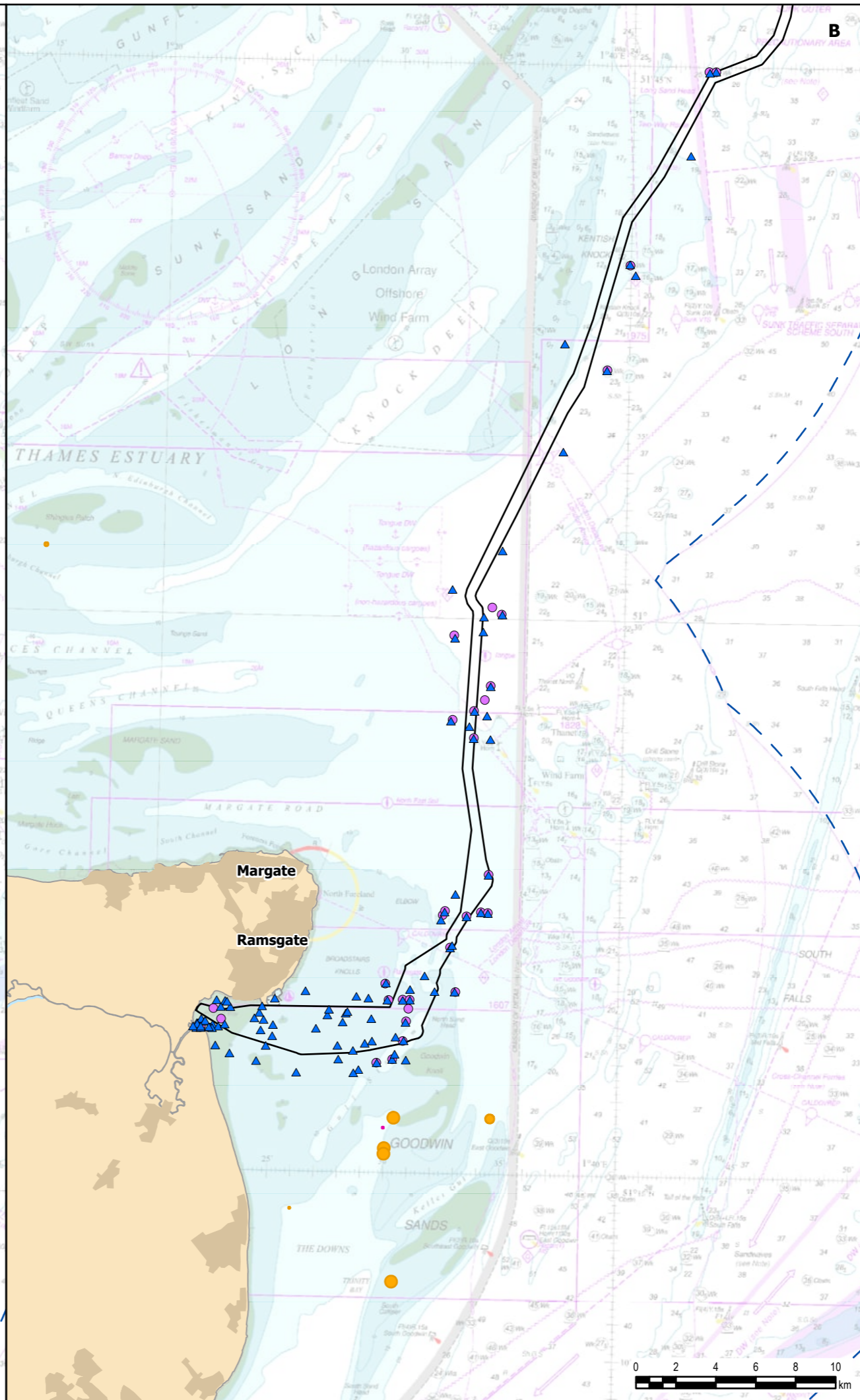
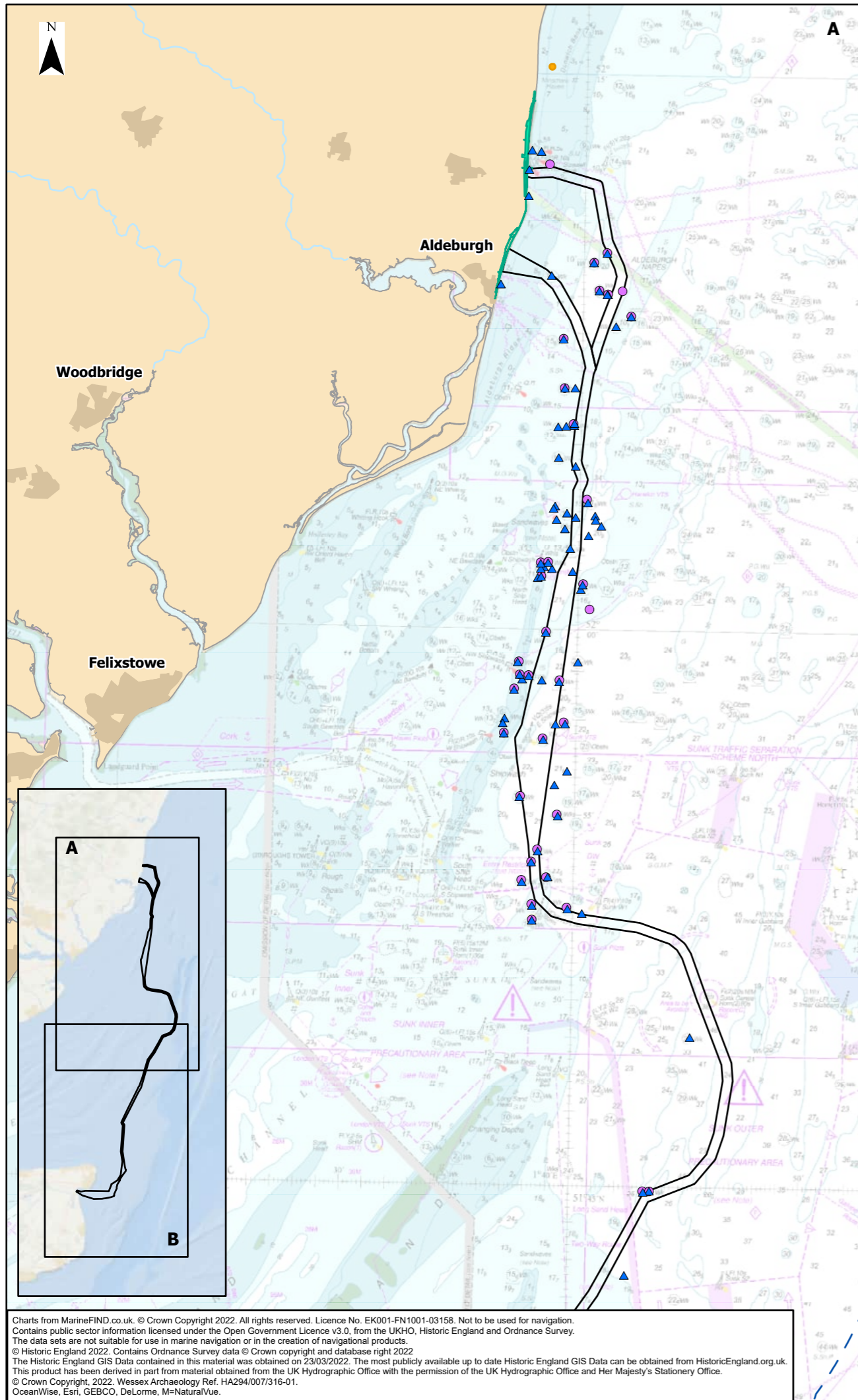
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Document Title: MARINE ORNITHOLOGY STUDY AREA AND DESIGNATED SITES

Creator: EB	Date: 25/08/2022	Checker: DF	Date: 25/08/2022	Approver: KS	Date: 25/08/2022
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Document Ref: FIGURE 4.6.1	Scale: 1:475,000	Format: A3	Sheets: 1	Rev: 0
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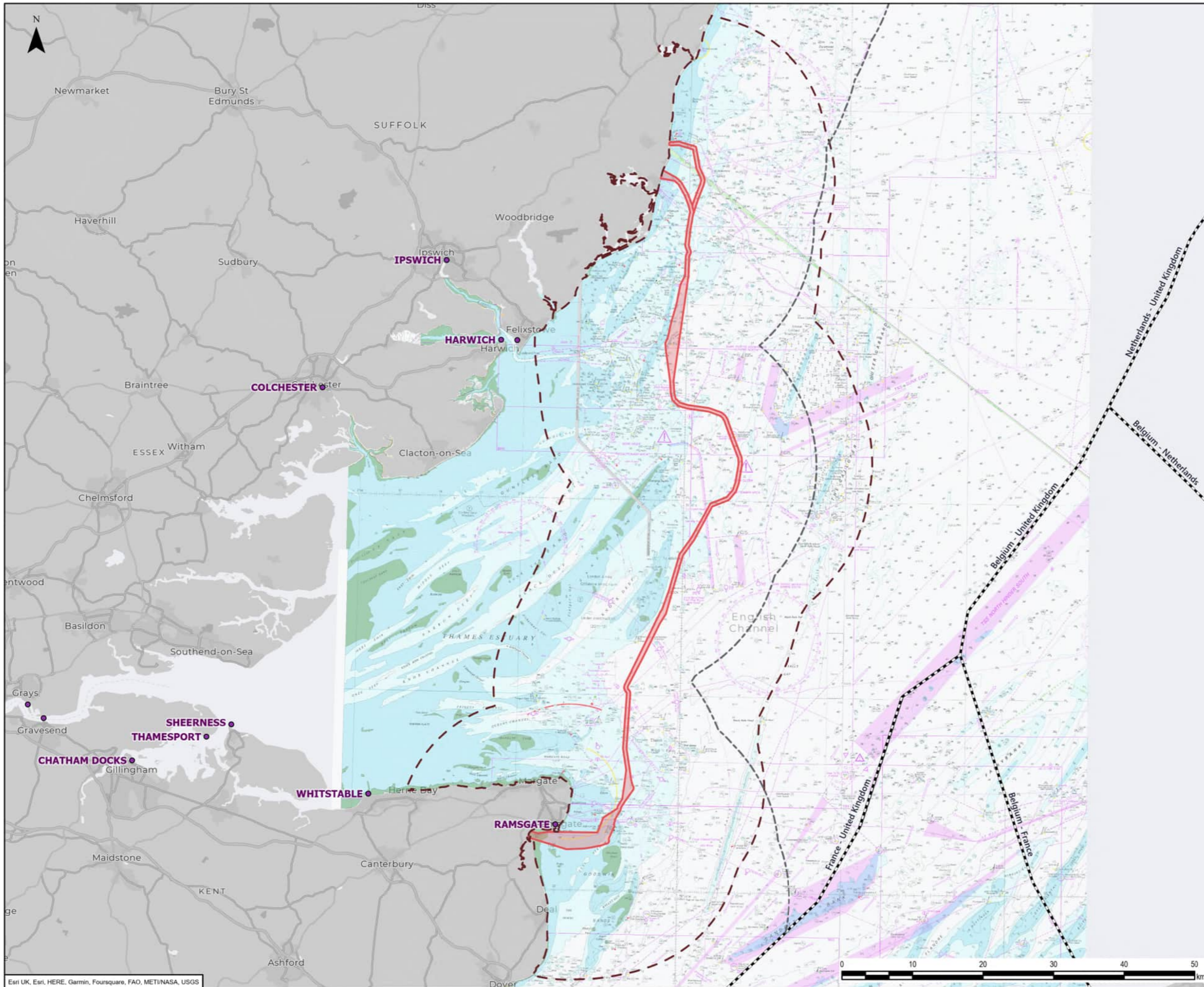
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- Legend**
- Offshore Scheme Scoping Boundary
  - English Territorial Waters
  - Marine and intertidal scheduled monuments (AMAA 1979)
  - Protected wreck sites (PWA 1973)
  - Suffolk HER sites
  - UKHO sites
  - NMHR sites

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 OceanWise, Esri, GEBCO, DeLorme, M=NaturalVue.

0	14/09/2022	SCOPING REPORT	KF	VL	VL
Rev	Date	Description	GIS	Chk	App
Scheme: SEA LINK					
Document Title: LOCATION OF RECORDED SEABED AND INTERTIDAL FEATURES WITHIN, AND IN PROXIMITY TO, THE STUDY AREA					
Creator:	Date:	Checker:	Date:	Approver:	Date:
KF	14/09/2022	VL	14/09/2022	VL	14/09/2022
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 4.7.1	1:250,000	A3	1	0	



- Legend**
- Offshore Scoping Boundary
  - Study area (10 NM buffer)
  - Port
  - UK Territorial Sea Limit
  - EEZ Boundaries

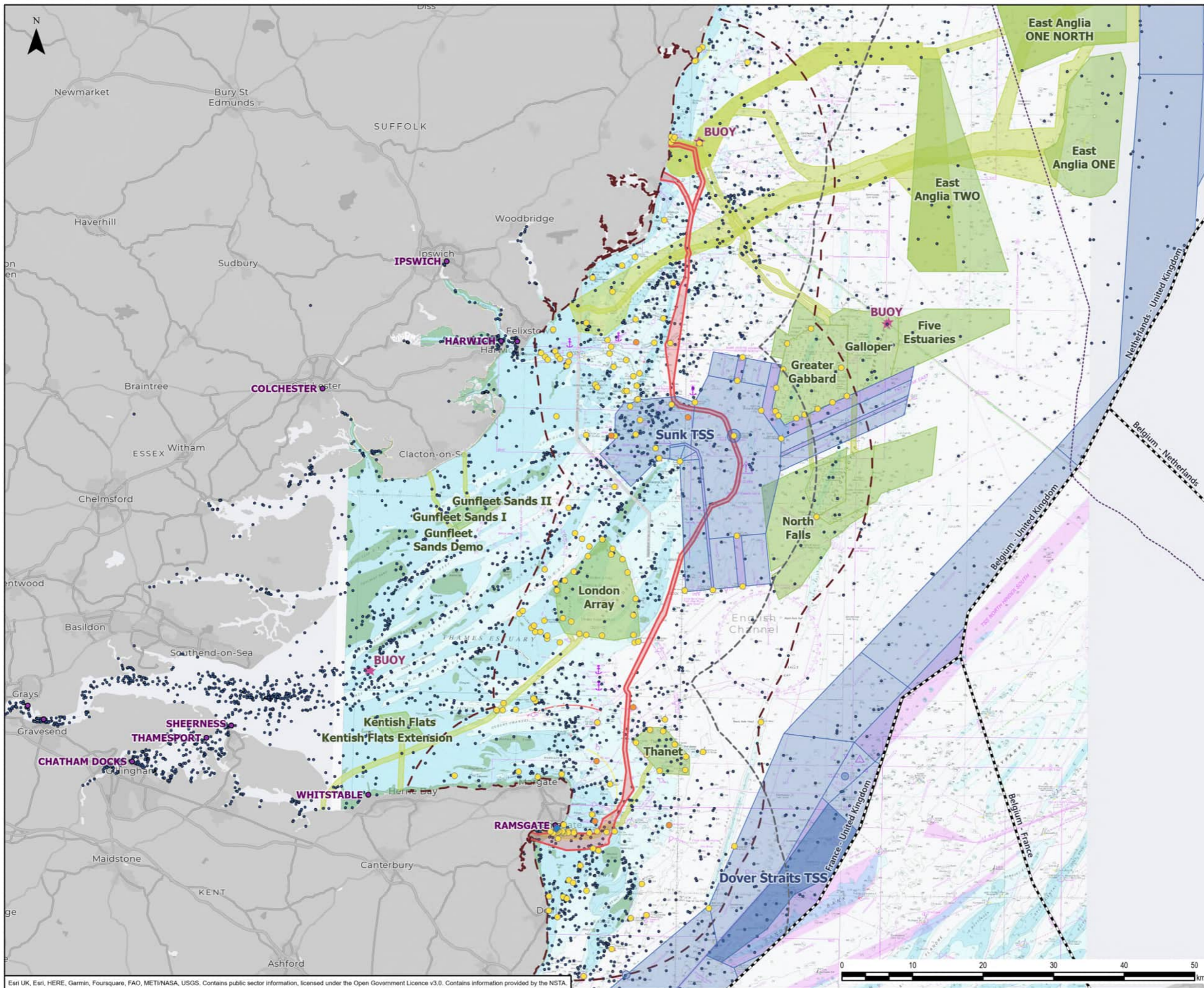
0	20/09/2022	SCOPING REPORT	LM	JDM	DB
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK  
 Document Title: STUDY AREA FOR SHIPPING AND NAVIGATION

Creator: LM	Date: 20/09/2022	Checker: JDM	Date: 20/09/2022	Approver: DB	Date: 20/09/2022
Document Ref: FIGURE 4.8.1	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 0	





**Legend**

- Offshore Scoping Boundary
- Study area (10 NM buffer)
- Port
- UK Territorial Sea Limit
- EEZ Boundaries

**Navigational features**

- Anchorage
- Pilotage
- AtoN
- Marina
- IMO routing measures
- Wrecks
- Surface infrastructure
- Pipelines
- Offshore wind site agreements
- Offshore wind cable agreements

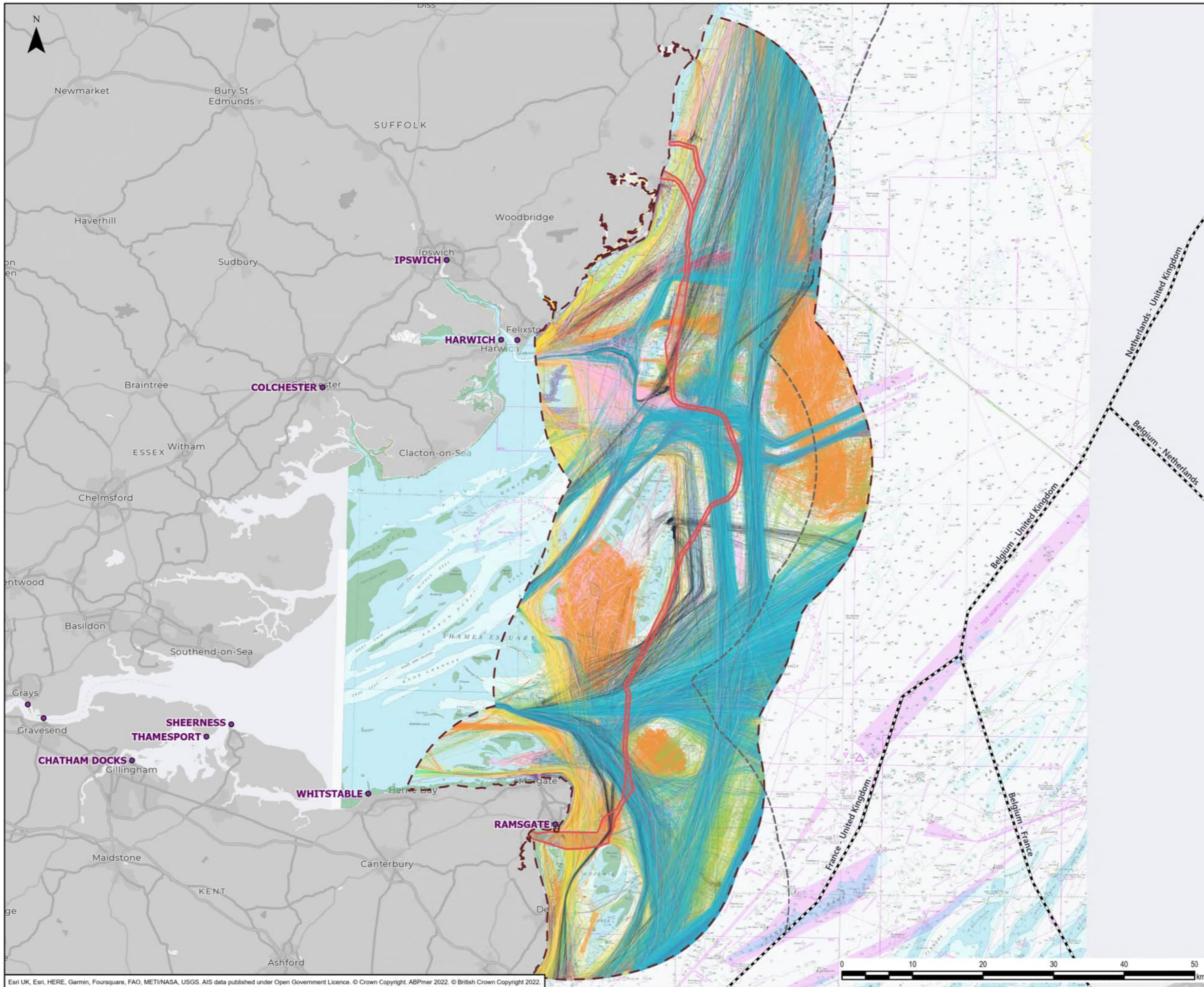
0	20/09/2022	SCOPING REPORT	LM	JDM	DB
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK

Document Title: KEY NAVIGATIONAL FEATURES

Creator: LM	Date: 20/09/2022	Checker: JDM	Date: 20/09/2022	Approver: DB	Date: 20/09/2022
Document Ref: FIGURE 4.8.2	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 0	



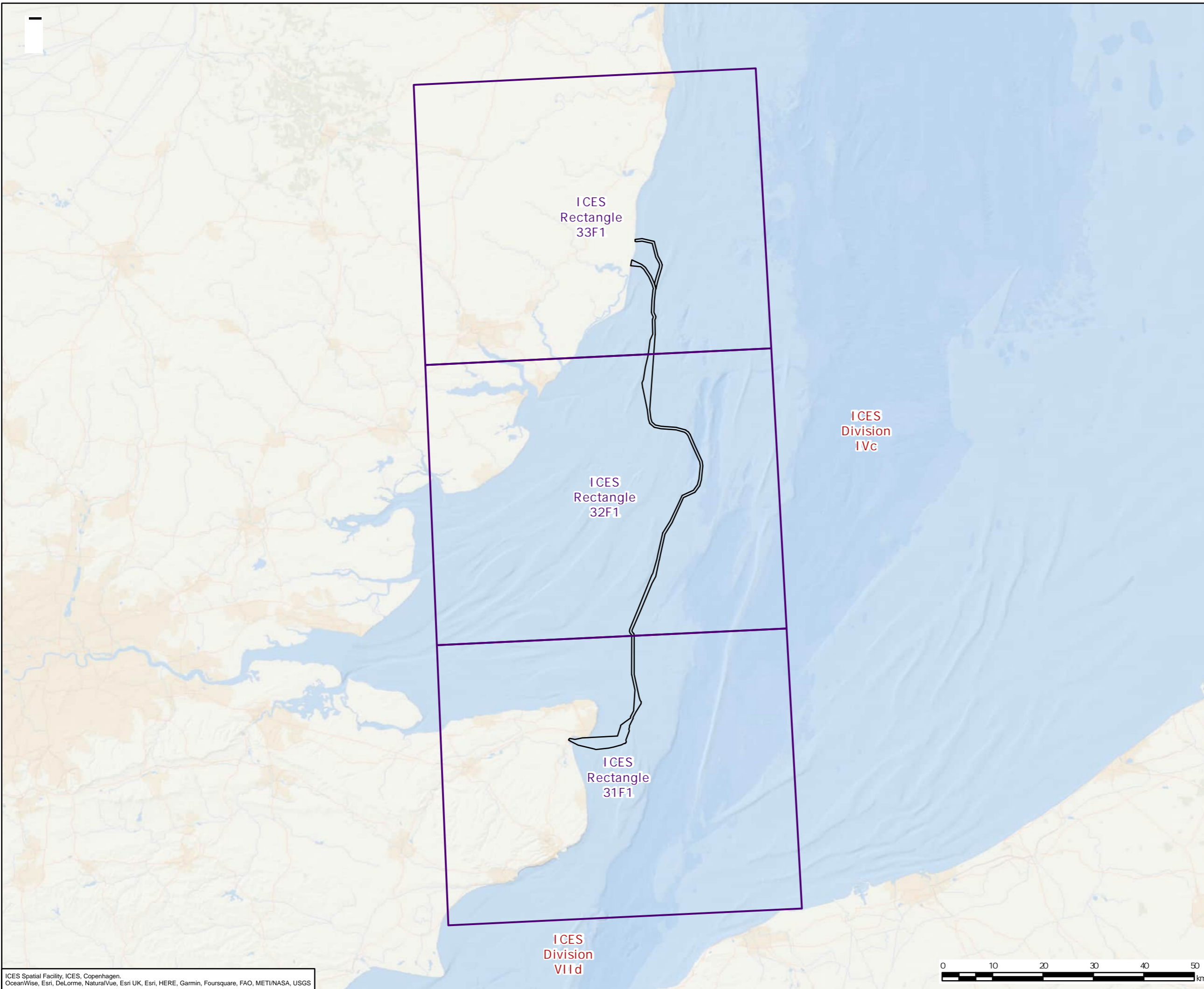
- Legend**
- Offshore Scoping Boundary
  - Study area (10 NM buffer)
  - Port
  - UK Territorial Sea Limit
  - EEZ Boundaries
- Ship type group**
- Cargo
  - Tankers
  - Passenger
  - Recreational
  - Fishing
  - Non-port service craft
  - Port service craft
  - Dredging/ underwater operations
  - High-speed craft
  - Military/law enforcement
  - Unknown



0	20/09/2022	SCOPING REPORT	LM	JDM	DB
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK					
Document Title: AIS TRACKS DATA BY SHIP TYPE GROUP (2019)					

Creator: LM	Date: 20/09/2022	Checker: JDM	Date: 20/09/2022	Approver: DB	Date: 20/09/2022
Document Ref: FIGURE 4.8.4	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
-  Offshore Scheme Scoping Boundary
  -  ICES Rectangles

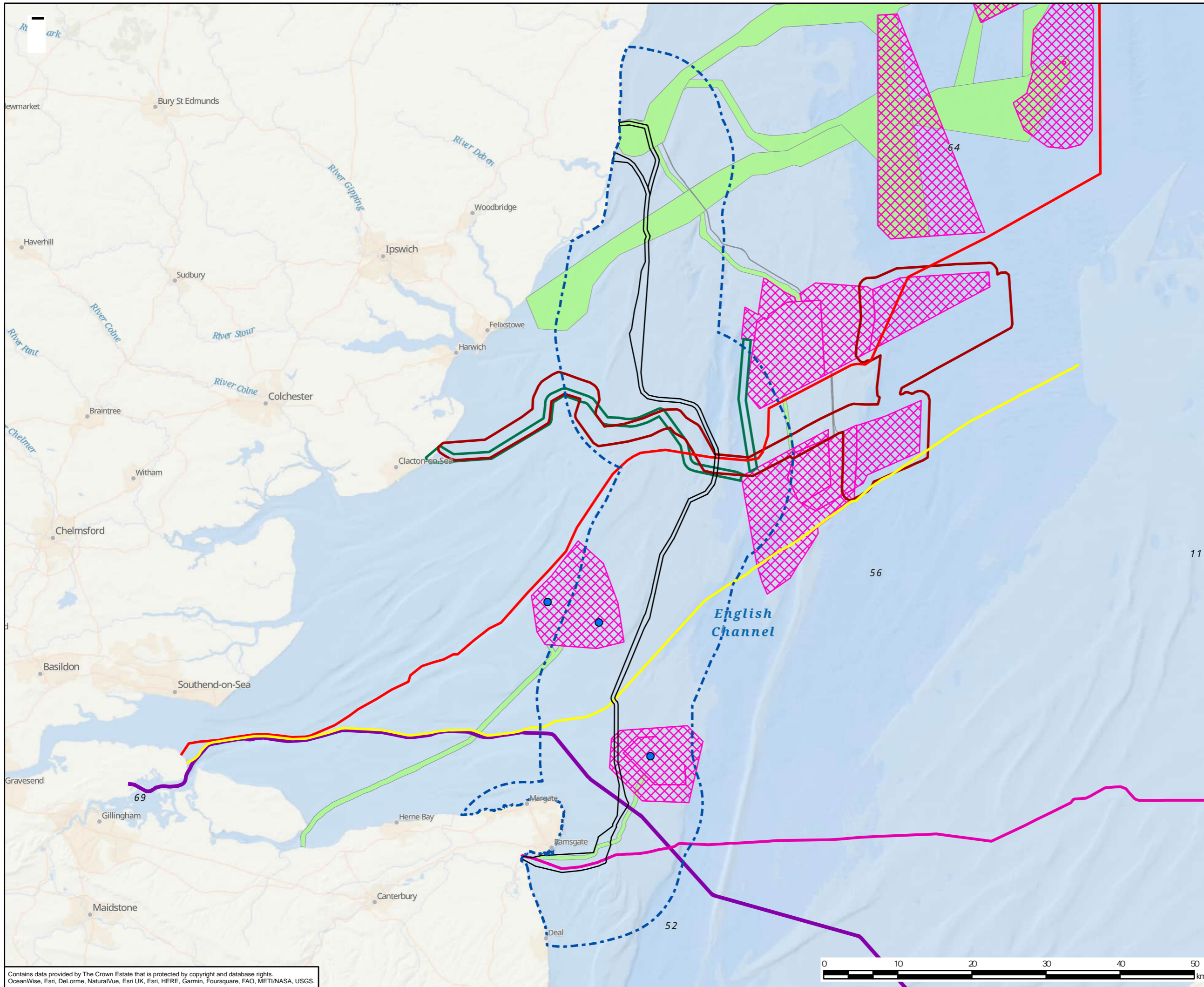
0	25/08/2022	SCOPING REPORT	EB	DF	CC
Rev	Date	Description	GIS	Chk	App

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Scheme: SEA LINK

Document Title: COMMERCIAL FISHERIES STUDY AREA

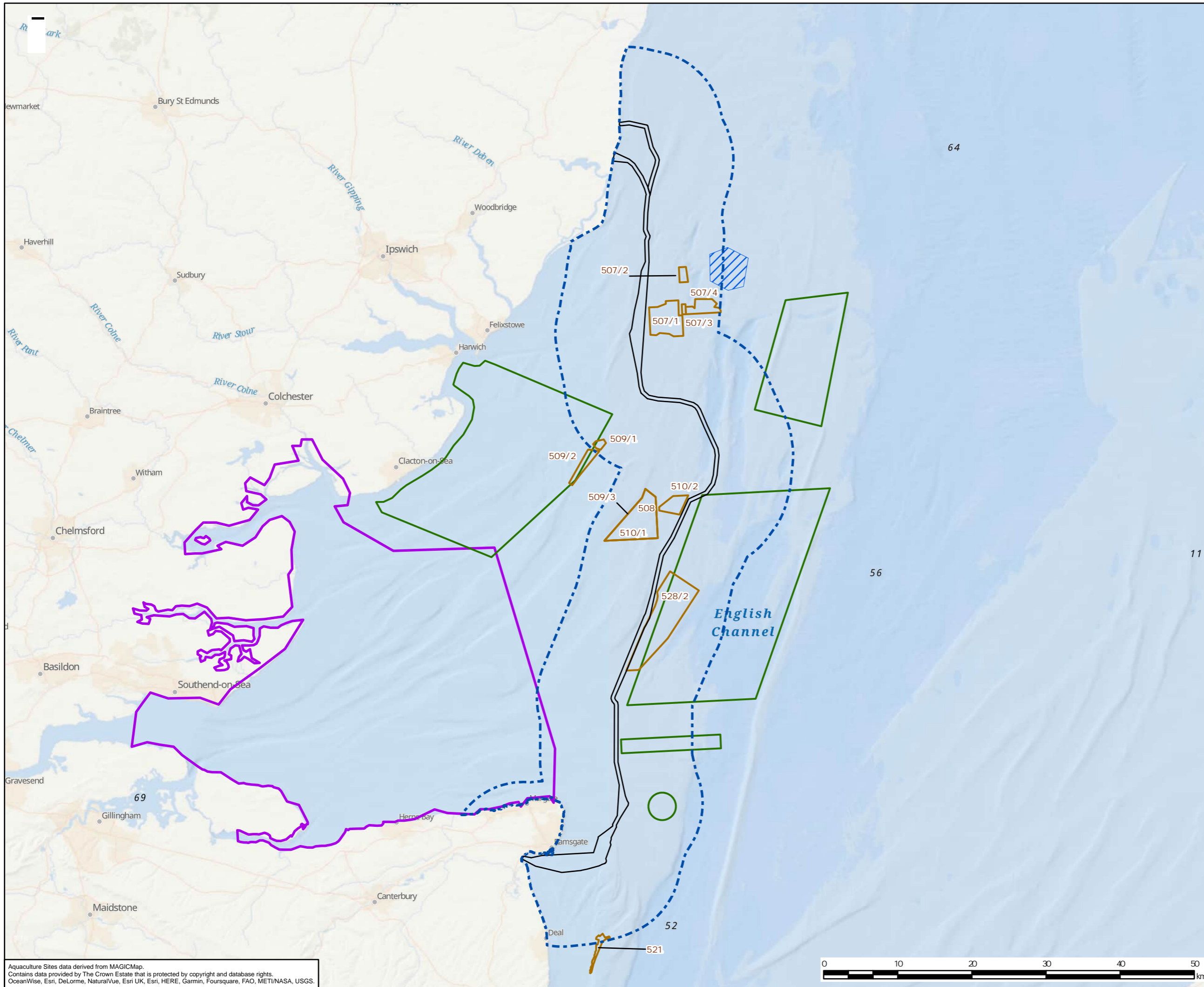
Creator: EB	Date: 25/08/2022	Checker: DF	Date: 25/08/2022	Approver: CC	Date: 25/08/2022
Document Ref: FIGURE 4.9.1	Scale: 1:700,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Offshore Scheme Scoping Boundary
  - Other Sea Users Study Area
  - Offshore Substation
- Cables & Pipelines**
- BritNed
  - GridLink
  - Nemo Link
  - NeuConnect
  - North Falls Cable Corridors
  - Five Estuaries Offshore Site Investigation
- Wind Farms**
- Offshore Wind Farms & Site Agreements
  - Offshore Wind Farm Export Cable

0	25/08/2022	SCOPING REPORT	EB	DF	KS
Rev	Date	Description	GIS	Chk	App
Scheme: SEA LINK					
Document Title: OFFSHORE INFRASTRUCTURE IN THE STUDY AREA - SHEET 1 OF 3					
Creator: EB	Date: 25/08/2022	Checker: DF	Date: 25/08/2022	Approver: KS	Date: 25/08/2022
Document Ref: FIGURE 4.10.1	Scale: 1:475,000	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Offshore Scheme Scoping Boundary
  - Other Sea Users Study Area
  - Military Practice Area
  - Mineral & Aggregate Extraction Site
  - Shellfish Waters
  - Areas of Identified Tidal Stream Resource (TIDE 1)

Aquaculture Sites data derived from MAGICMap.  
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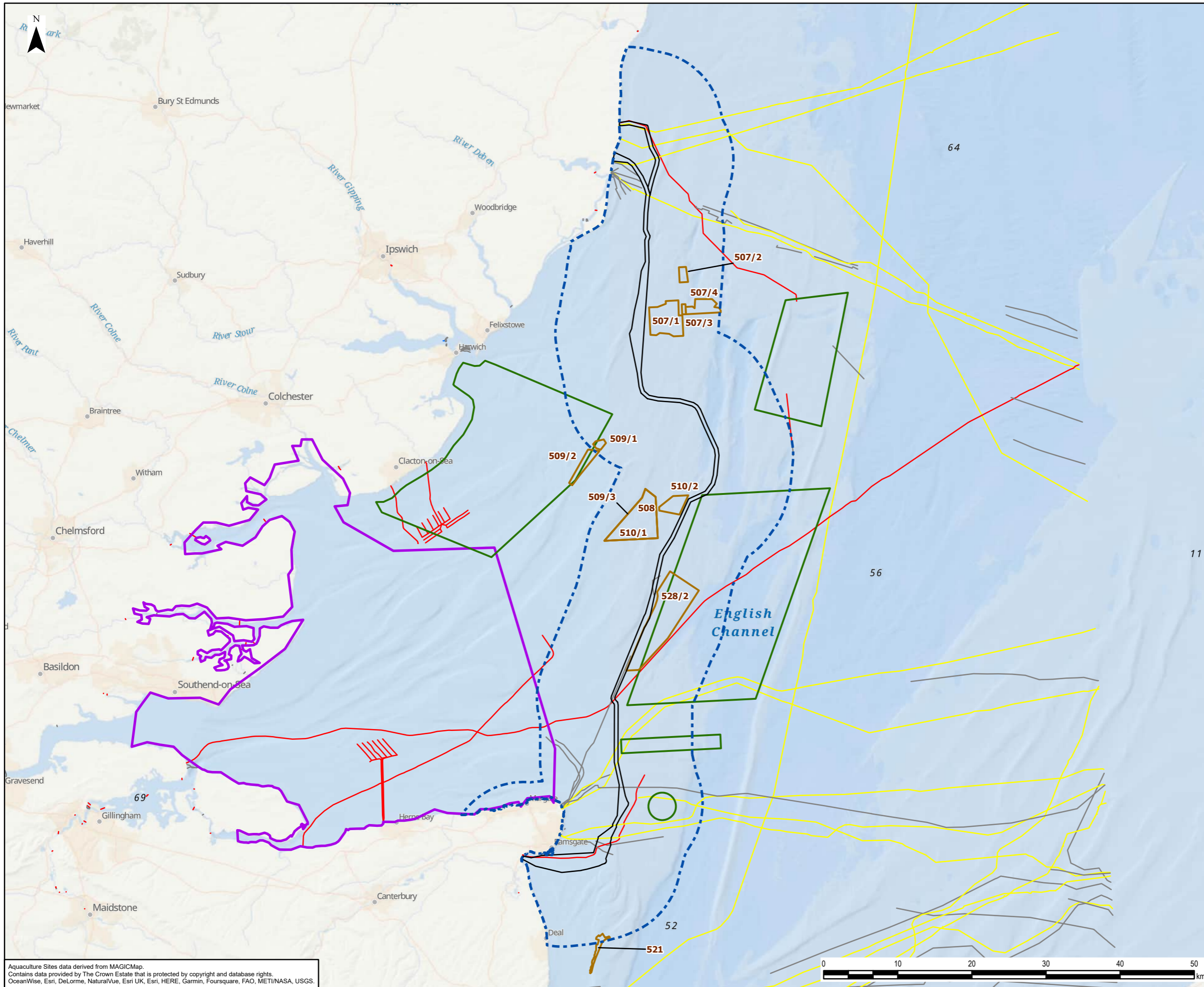
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Rev	Date	Description	GIS	Chk	App



Scheme: SEA LINK

Document Title: OFFSHORE INFRASTRUCTURE IN THE STUDY AREA - SHEET 2 OF 3

Creator: EB	Date: 19/10/2022	Checker: DF	Date: 19/10/2022	Approver: KS	Date: 19/10/2022
Document Ref: FIGURE 4.10.1	Scale: 1:475,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Offshore Scheme Scoping Boundary
  - Other Sea Users Study Area
  - Military Practice Area
  - Mineral & Aggregate Extraction Site
  - Shellfish Waters
- Marine Cable**
- Mooring cable/chain
  - Power line
  - Telephone
  - Undefined

Aquaculture Sites data derived from MAGICMap.  
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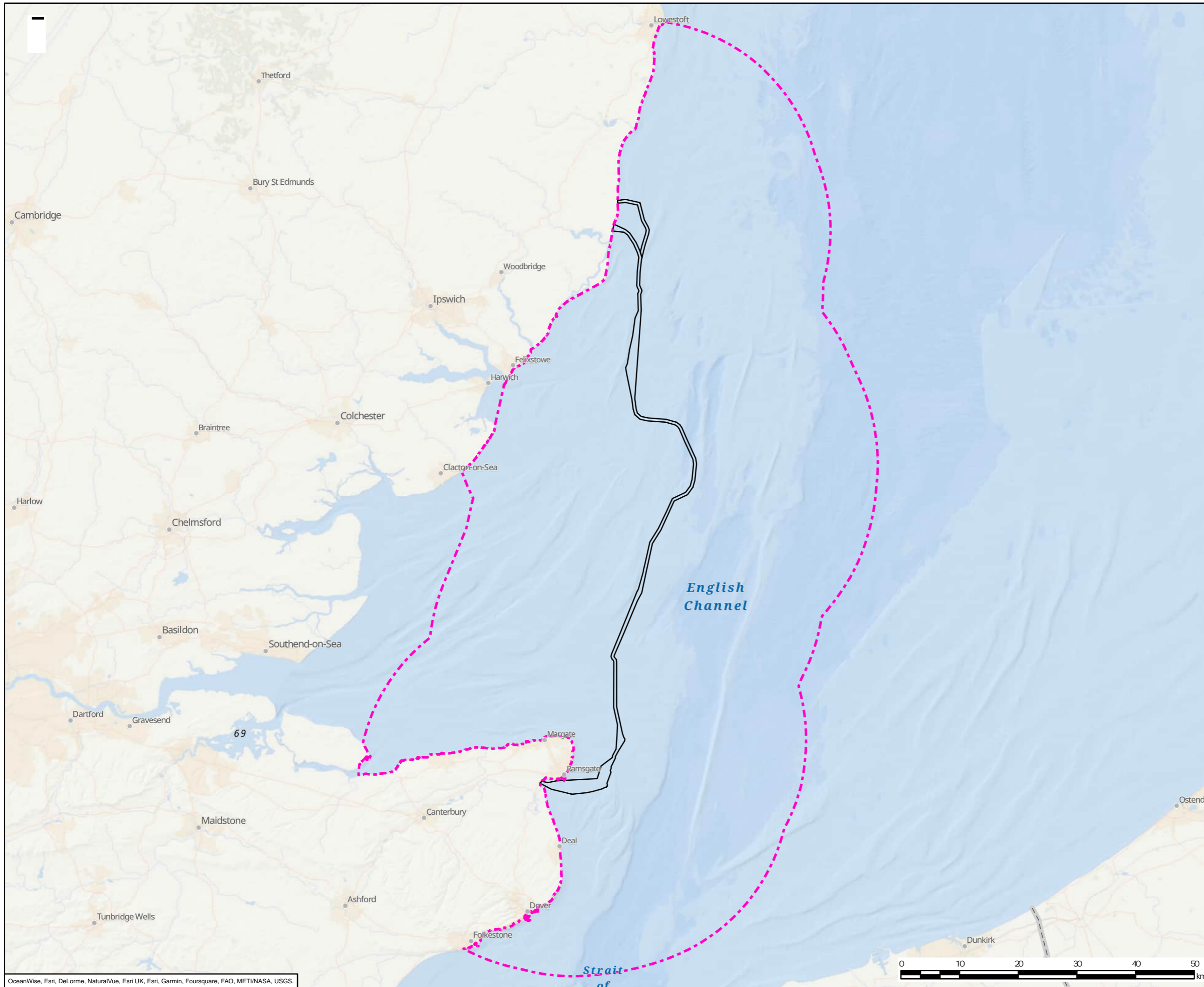
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Scheme: SEA LINK

Document Title: OFFSHORE INFRASTRUCTURE IN THE STUDY AREA - SHEET 3 OF 3

Creator: EB	Date: 07/10/2022	Checker: DF	Date: 07/10/2022	Approver: KS	Date: 07/10/2022
Document Ref: FIGURE 4.10.1	Scale: 1:475,000	Format: A3	Sheets: 1	Rev: 0	



**Legend**

- Offshore Scheme Scoping Boundary
- Cumulative Assessment Zone of Influence

OceanWise, Esri, DeLorme, NaturalVue, Esri UK, Esri, Garmin, Foursquare, FAO, METI/NASA, USGS.

Document Path: \\na.aecomnet.com\fs\EMEA\Manchester-UKMCR5\Legacy\UKMCR1FP002-V1\I\Proposal\3512\SEAL GIS\02\_Maps\Scoping Report\Sea\_Link\_Scoping\_Fig4-11-1\_Zone\_of\_Influence\_Marine\_Offshore\_Scheme\_20220825\_EB.aprx

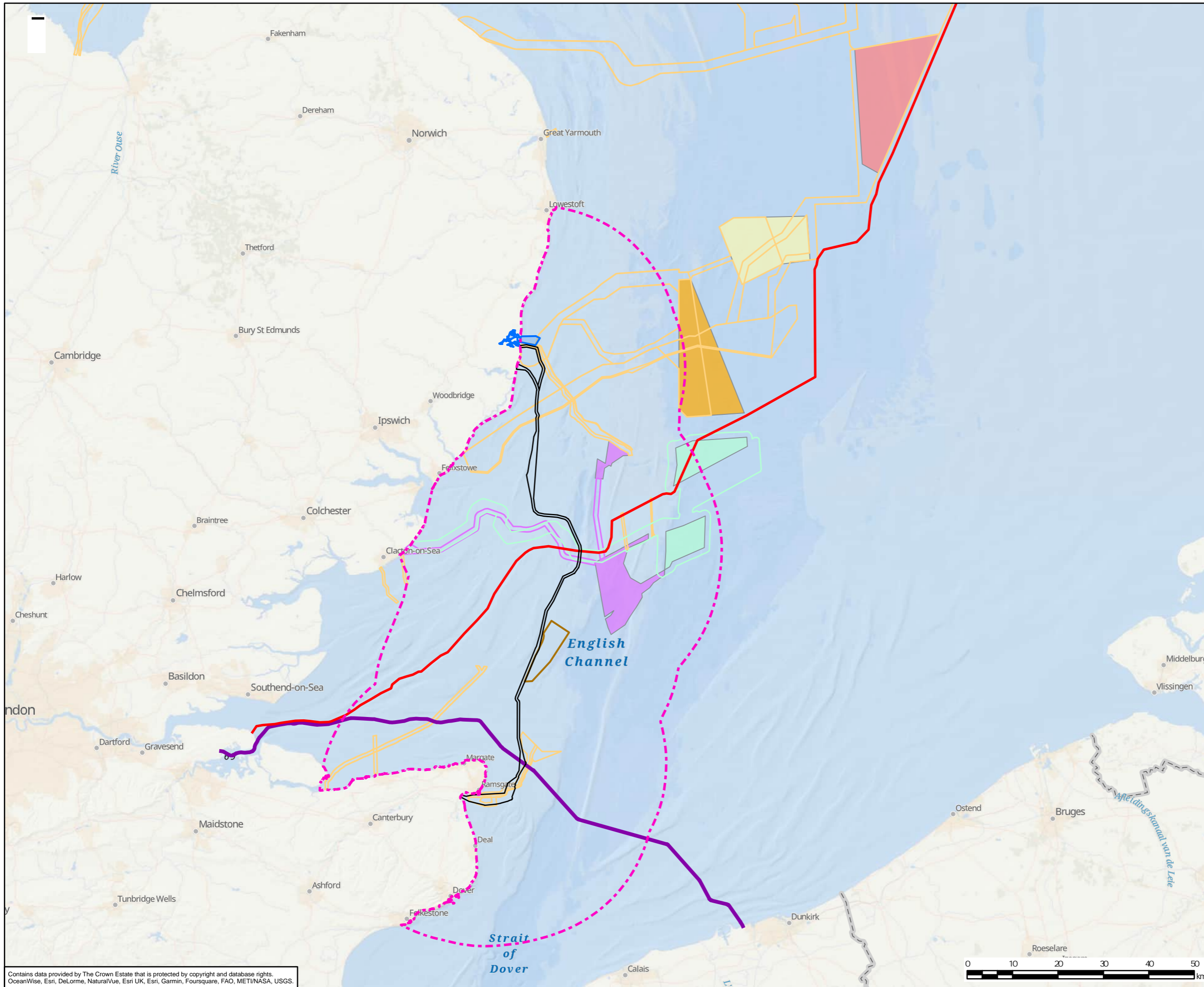
0	25/08/2022	SCOPING REPORT	EB	DF	SA
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

Scheme: SEA LINK

Document Title: ZONE OF INFLUENCE FOR MARINE OFFSHORE SCHEME

Creator: EB	Date: 25/08/2022	Checker: DF	Date: 25/08/2022	Approver: SA	Date: 25/08/2022
Document Ref: FIGURE 4.11.1	Scale: 1:600,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Offshore Scheme Scoping Boundary
  - Cumulative Assessment Zone of Influence
  - GridLink
  - NeuConnect
  - Sizewell C Nuclear Power Station
  - North Falls Cable Corridors
  - Five Estuaries Cable Corridors
  - Export Cable Corridors
  - North Falls Offshore Wind Farm
  - East Anglia One North Offshore Wind Farm
  - East Anglia Two Offshore Wind Farm
  - Five Estuaries Offshore Wind Farm
  - East Anglia Three Offshore Wind Farm
  - Hanson Aggregates Marine Ltd Area 528/2

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Rev	Date	Description	GIS	Chk	App

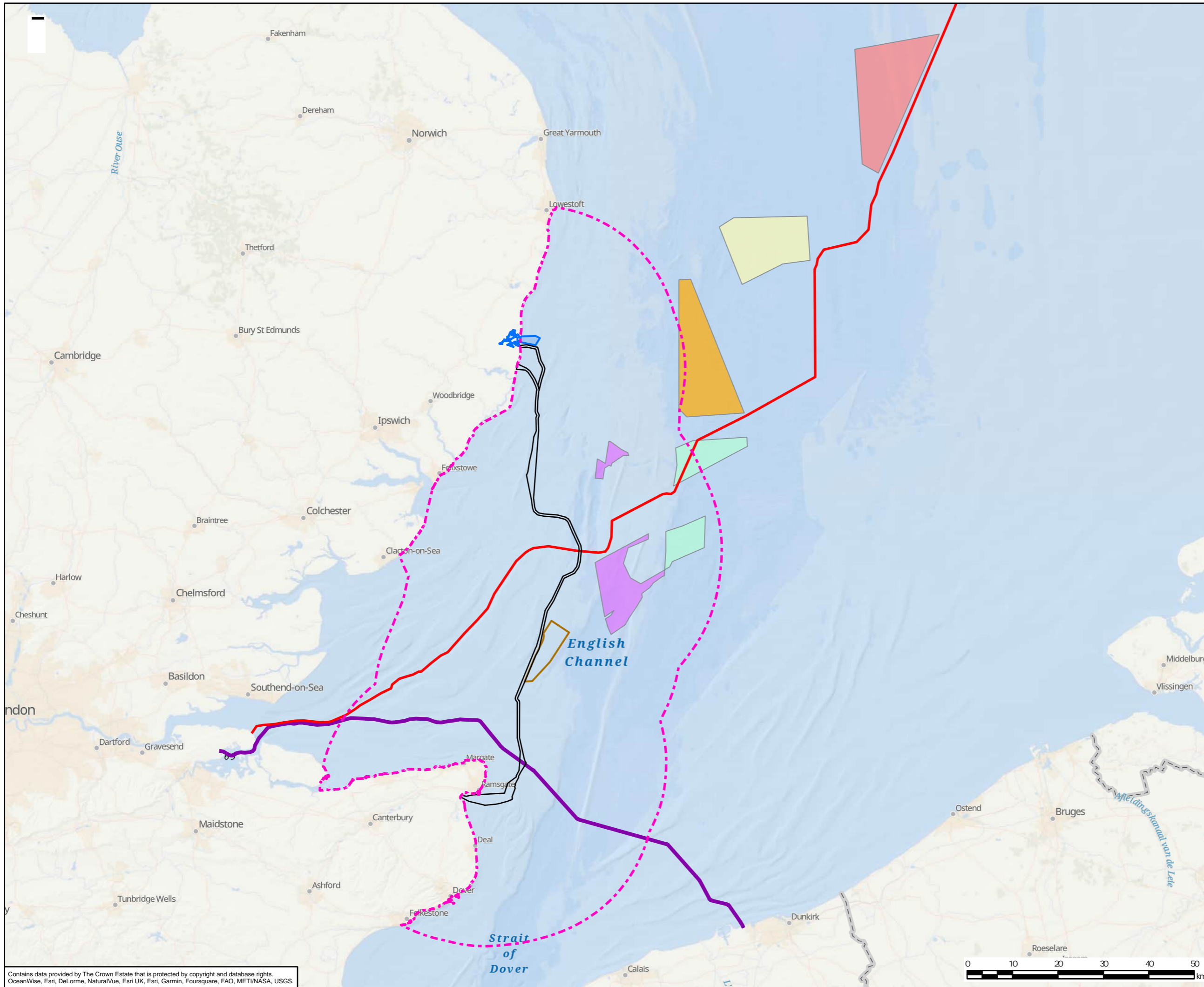


Scheme: SEA LINK

Document Title: LONG LIST PROJECTS WITHIN THE ZONE OF INFLUENCE

Creator: EB	Date: 21/10/2022	Checker: DF	Date: 21/10/2022	Approver: SA	Date: 21/10/2022
Document Ref: FIGURE 4.11.2	Scale: 1:775,000	Format: A3	Sheets: 1	Rev: 0	





- Legend**
- Offshore Scheme Scoping Boundary
  - Cumulative Assessment Zone of Influence
  - GridLink
  - NeuConnect
  - Sizewell C Nuclear Power Station
  - North Falls Offshore Wind Farm
  - East Anglia One North Offshore Wind Farm
  - East Anglia Two Offshore Wind Farm
  - Five Estuaries Offshore Wind Farm
  - East Anglia Three Offshore Wind Farm
  - Hanson Aggregates Marine Ltd Area 528/2

0	25/08/2022	SCOPING REPORT	EB	DF	SA
Rev	Date	Description	GIS	Chk	App



Scheme: SEA LINK

Document Title: PROJECTS PROPOSED TO BE TAKEN TO STAGE 2 FOR THE OFFSHORE SCHEME

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