



MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Volume 3, Figures – Part 2 of 7



Deadline: Deadline 5a
Application Reference: EN020028

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02 October 2025
F02

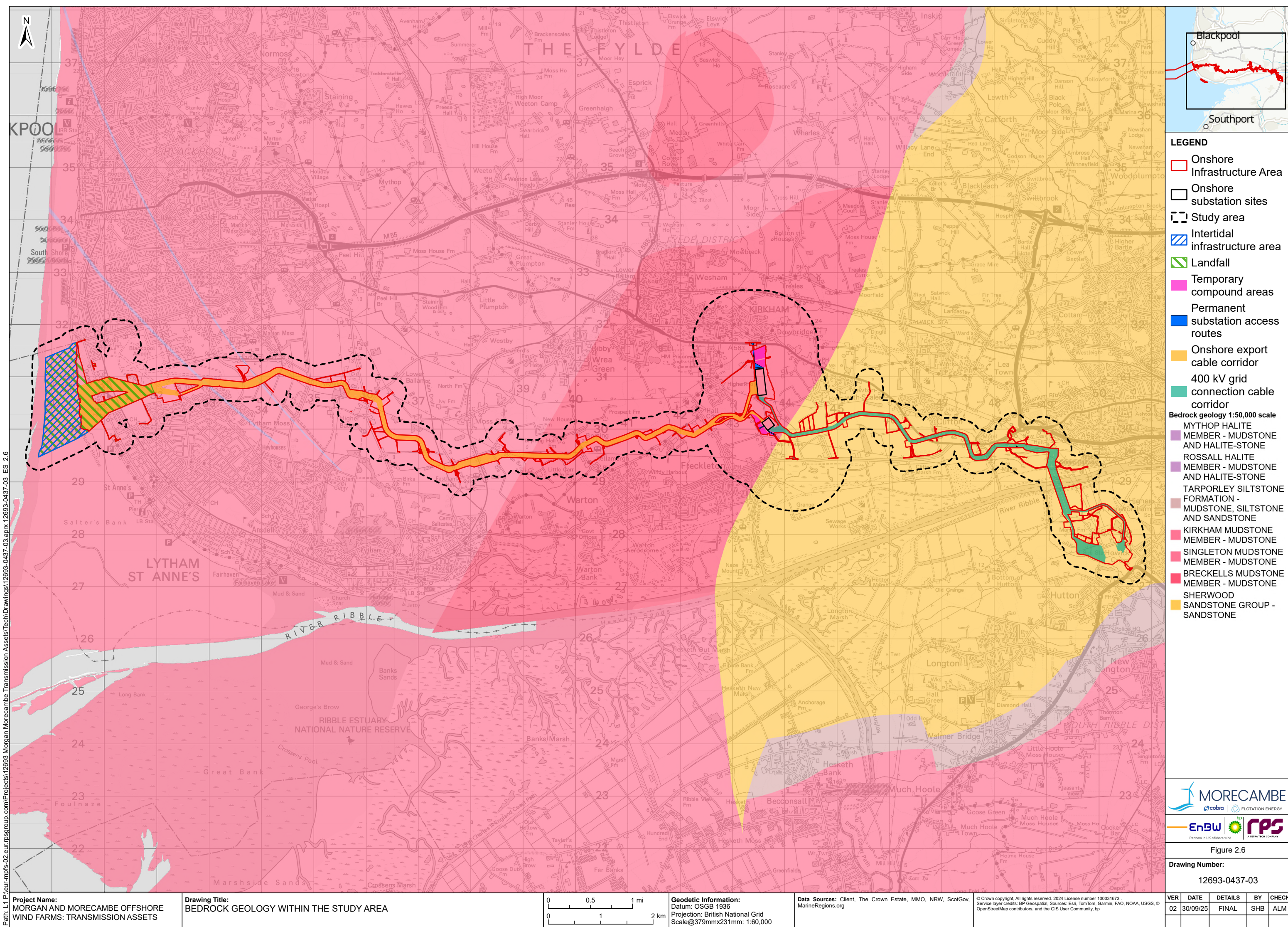
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F02	Deadline 5a	GL	October 2025	IM	October 2025

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Prepared for:

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Project Name:
MORGAN AND MORECAMBE OFFSHORE
WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
BEDROCK GEOLOGY WITHIN THE STUDY AREA

0 0.5 1 mi
0 1 2 km

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:60,000

Data Sources: Client, The Crown Estate, MMO, NRW, ScotGov,
MarineRegions.org

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VER	DATE	DETAILS	BY	CHECK
02	30/09/25	FINAL	SHB	ALM

LEGEND

- Onshore Infrastructure Area
- Onshore substation sites
- Study area
- Intertidal infrastructure area
- Landfall
- Temporary compound areas
- Permanent substation access routes
- Onshore export cable corridor
- 400 kV grid
- connection cable corridor

Bedrock geology 1:50,000 scale

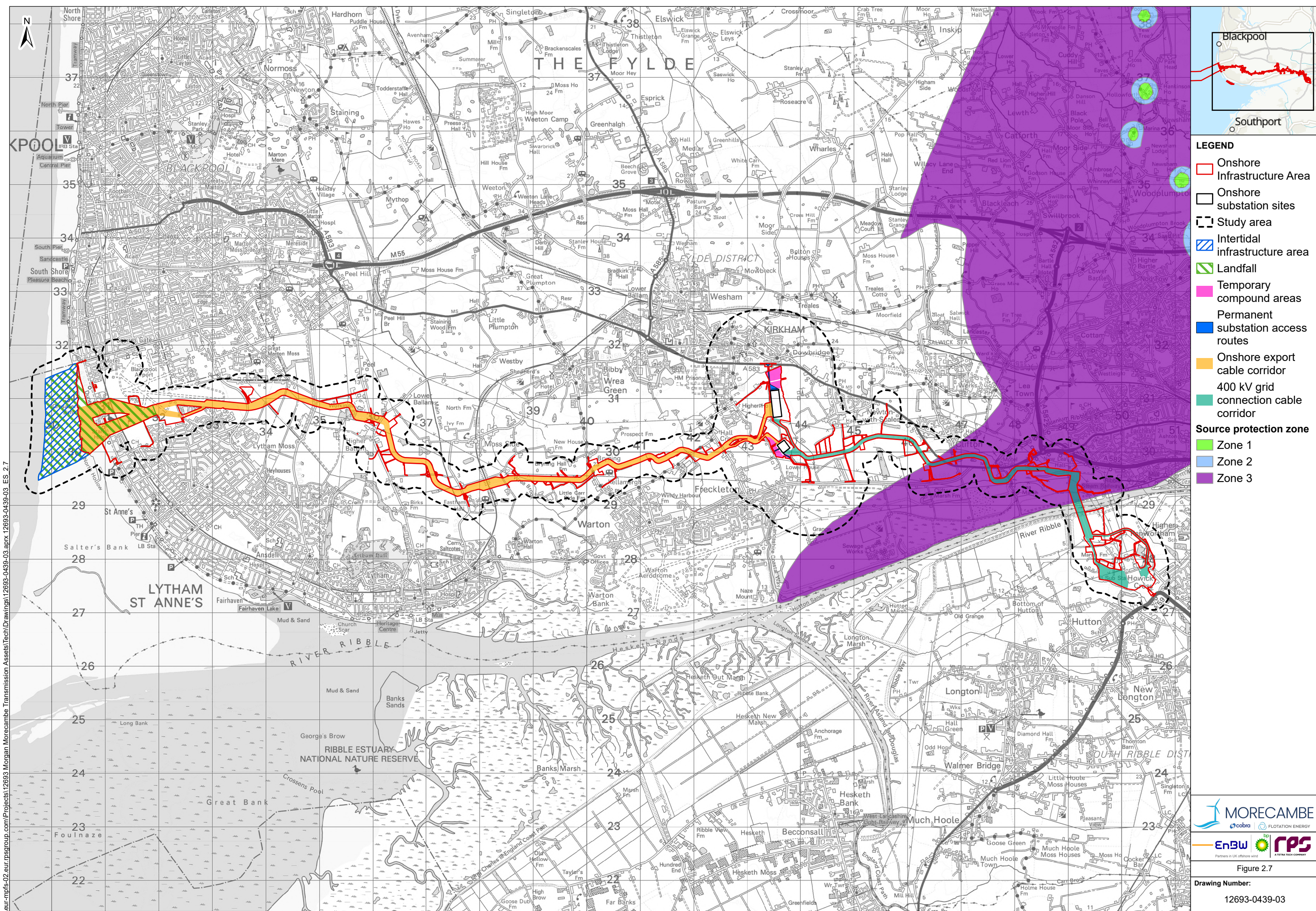
- MYTHOP HALITE
- MEMBER - MUDSTONE AND HALITE-STONE
- ROSSALL HALITE
- MEMBER - MUDSTONE AND HALITE-STONE
- TARPORLEY SILTSTONE FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE
- KIRKHAM MUDSTONE MEMBER - MUDSTONE
- SINGLETON MUDSTONE MEMBER - MUDSTONE
- BRECKELLS MUDSTONE MEMBER - MUDSTONE
- SHERWOOD SANDSTONE GROUP - SANDSTONE

Figure 2.6

Drawing Number:
12693-0437-03

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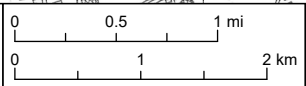
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Project Name:
MORGAN AND MORECAMBE OFFSHORE
WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
SOURCE PROTECTION ZONES WITHIN THE STUDY AREA



Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:60,000

Data Sources: Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org

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VER	DATE	DETAILS	BY	CHECK
03	30/09/25	FINAL	SHB	ALM

LEGEND

- Onshore Infrastructure Area
- Onshore substation sites
- Study area
- Intertidal infrastructure area
- Landfall
- Temporary compound areas
- Permanent substation access routes
- Onshore export cable corridor
- 400 kV grid
- connection cable corridor

Source protection zone

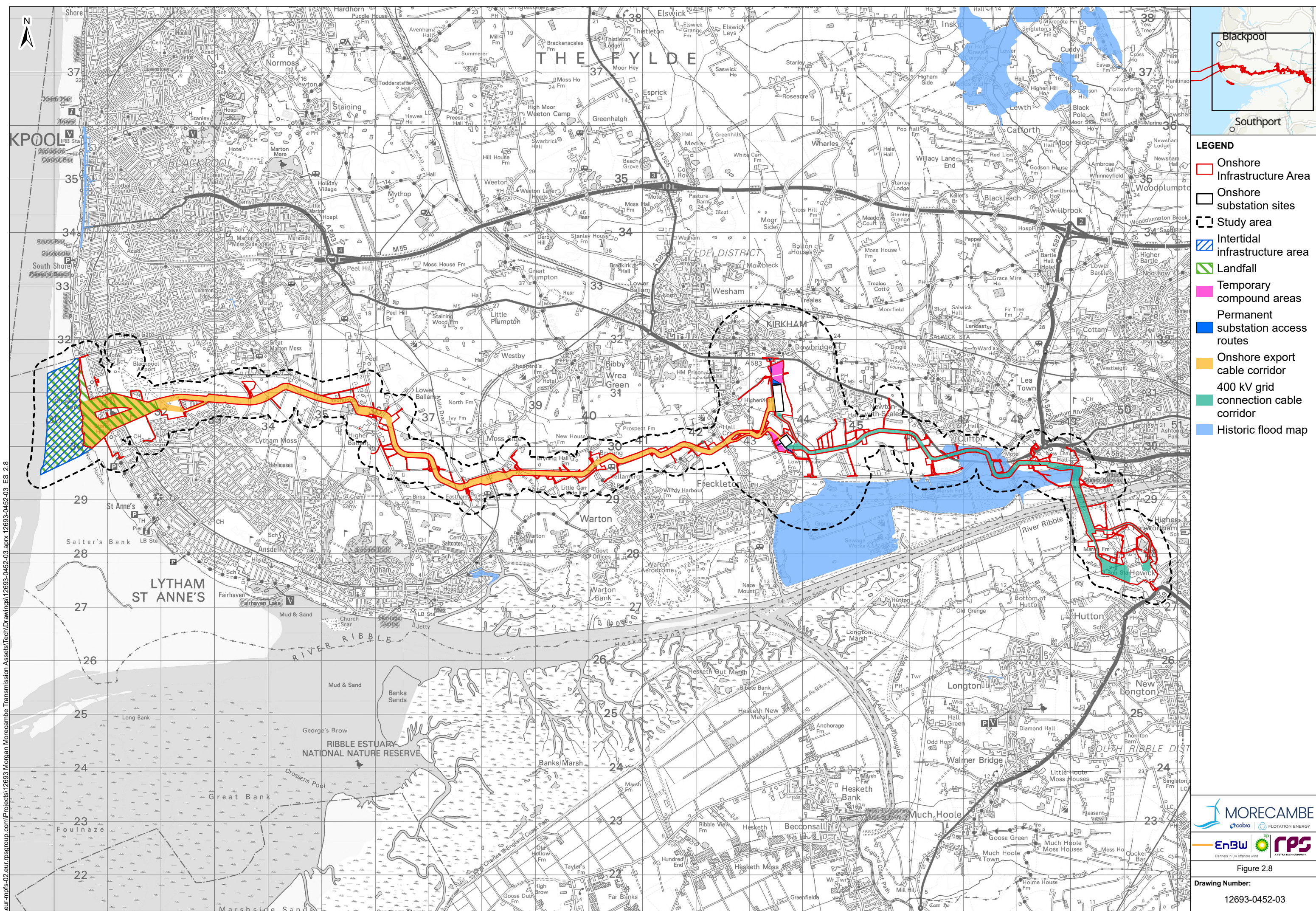
- Zone 1
- Zone 2
- Zone 3

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Figure 2.7

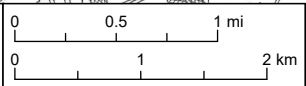
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Project Name:
MORGAN AND MORECAMBE OFFSHORE
WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
ENVIRONMENT AGENCY HISTORICAL FLOOD EXTENTS



Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:60,000

Data Sources: Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org

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VER	DATE	DETAILS	BY	CHECK
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- LEGEND**
- Onshore Infrastructure Area
 - Onshore substation sites
 - Study area
 - Intertidal infrastructure area
 - Landfall
 - Temporary compound areas
 - Permanent substation access routes
 - Onshore export cable corridor
 - 400 kV grid connection cable corridor
 - Historic flood map

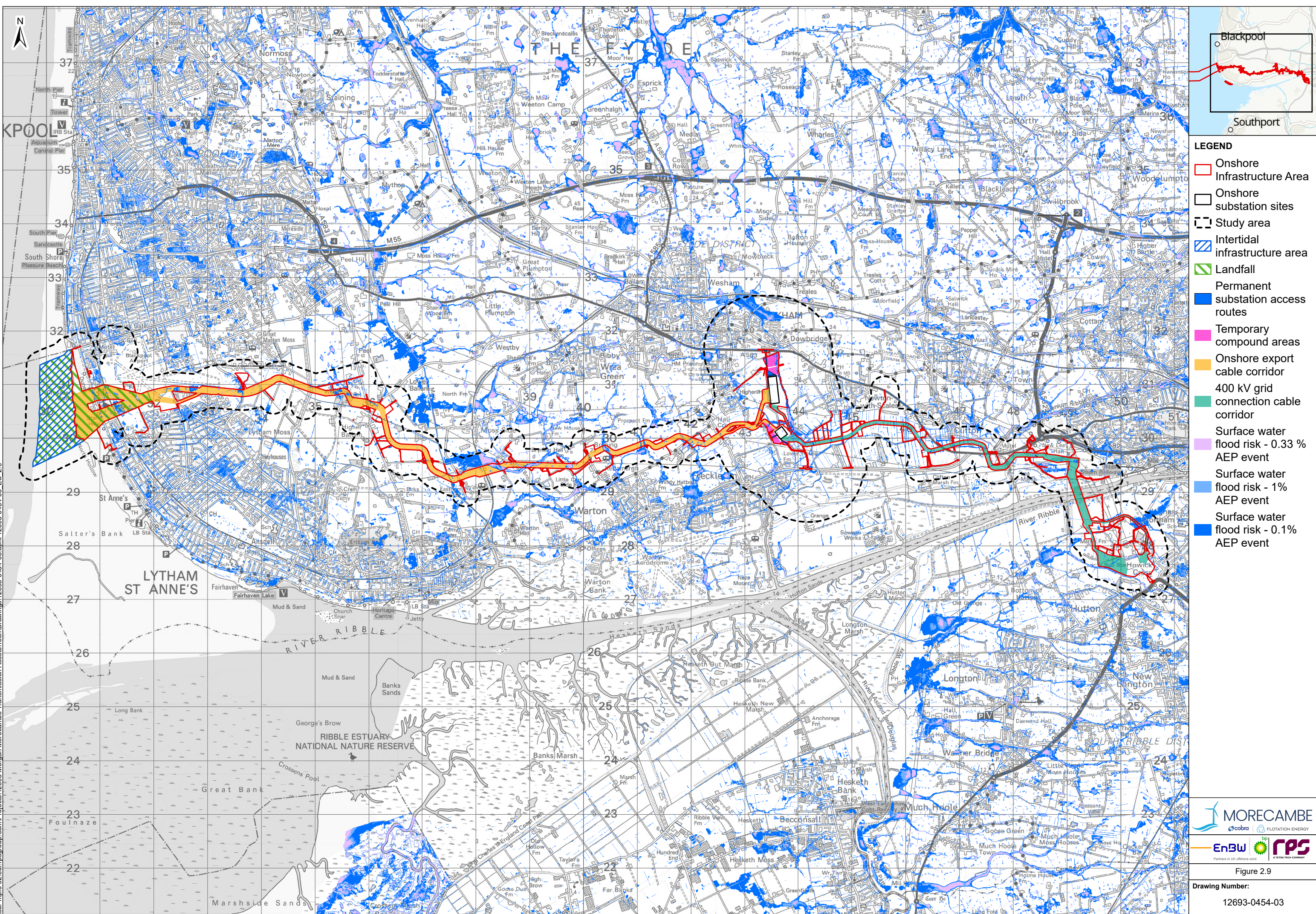
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Figure 2.8

Drawing Number:

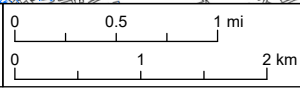
12693-0452-03



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Project Name:
MORGAN AND MORECAMBE OFFSHORE
WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
ENVIRONMENT AGENCY LONG TERM FLOOD RISK FROM SURFACE WATER
FLOODING WITHIN THE STUDY AREA



Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:60,000

Data Sources: Client, The Crown Estate, MMO, NRW, ScotGov,
MarineRegions.org

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VER	DATE	DETAILS	BY	CHECK
03	30/09/25	FINAL	SHB	ALM

- LEGEND**
- Onshore Infrastructure Area
 - Onshore substation sites
 - Study area
 - Intertidal infrastructure area
 - Landfall
 - Permanent substation access routes
 - Temporary compound areas
 - Onshore export cable corridor
 - 400 kV grid connection cable corridor
 - Surface water flood risk - 0.33 % AEP event
 - Surface water flood risk - 1% AEP event
 - Surface water flood risk - 0.1% AEP event

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Figure 2.9
Drawing Number:
12693-0454-03

