

East Anglia THREE

Chapter 7

Marine Geology, Oceanography and Physical Processes Figures

Environmental Statement

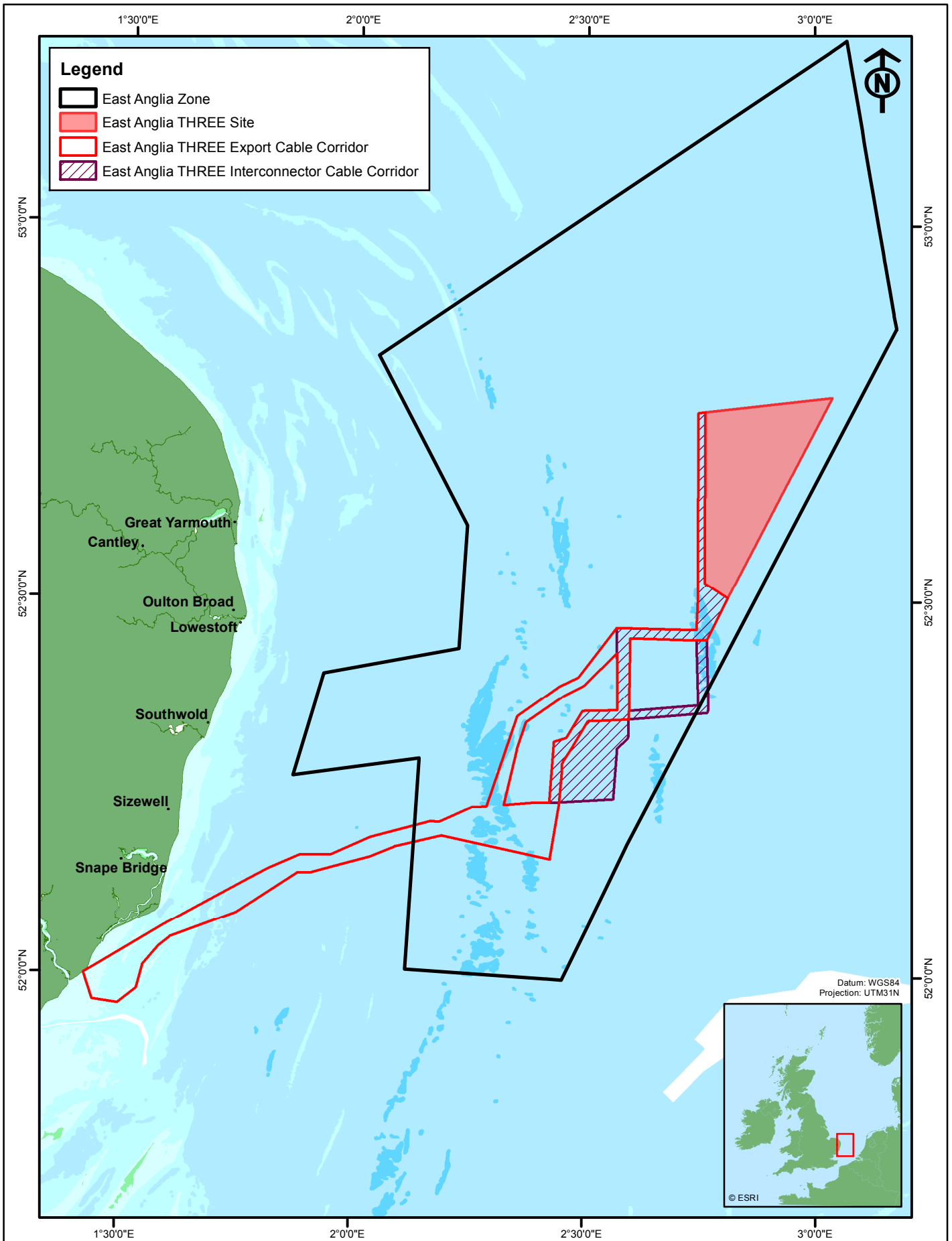
Volume 2

Document Reference – 6.2.7

Author – Royal HaskoningDHV
East Anglia THREE Limited
Date – November 2015
Revision History – Revision A



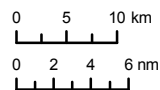
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2	19/10/15	AB	Second Issue.
1	18/06/15	JE	First Issue.
Rev	Date	By	Comment

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Original A4 Plot Scale 1:750,000



East Anglia THREE Limited Location of the offshore elements of the proposed East Anglia THREE project			
Volume 2		Figure 7.1	
Layout	Date	Rev	Dwg No.
N/A	19/10/2015	2	EA3-O-017

Ref:

3°0'0"E

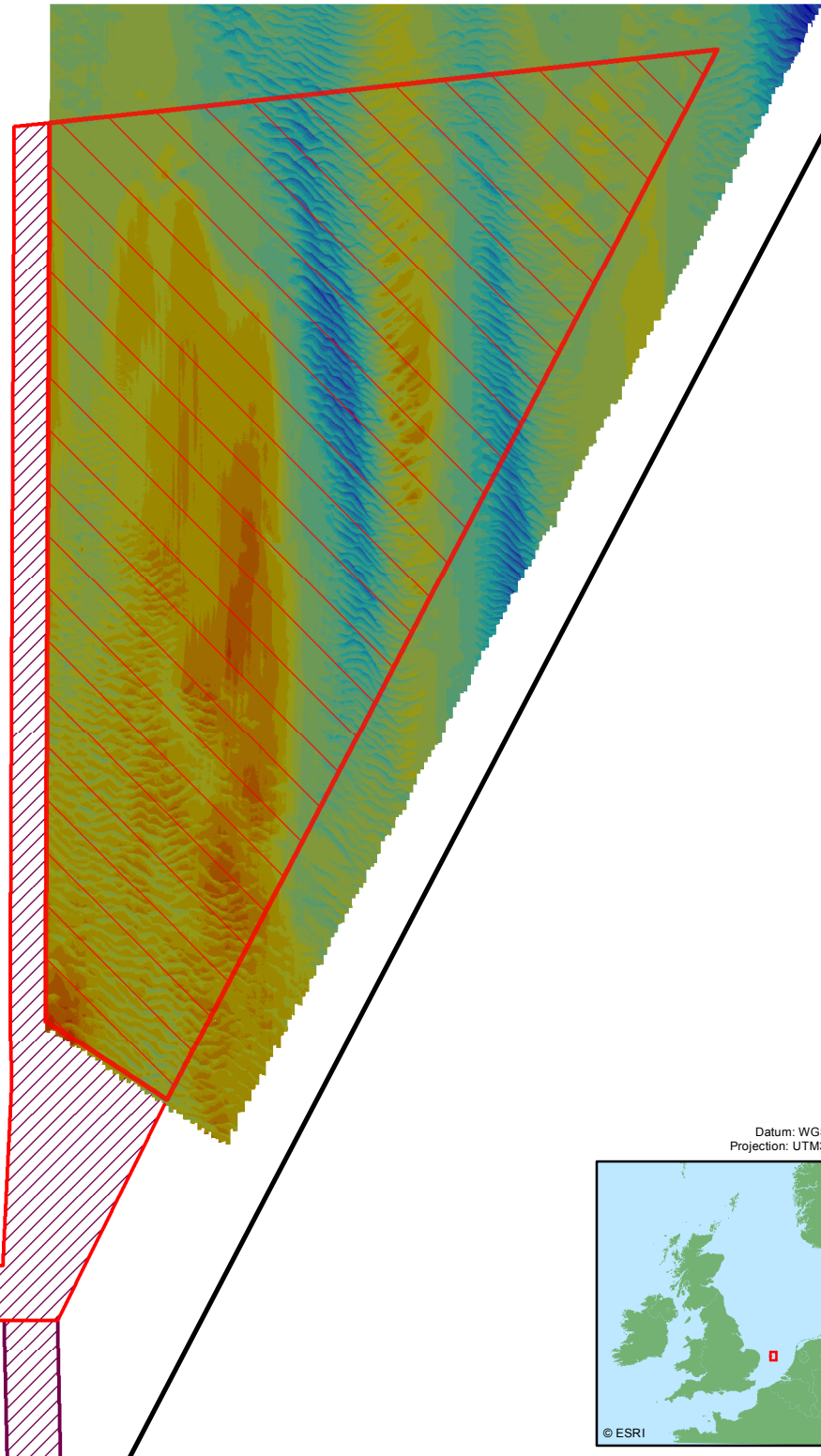


Legend

- East Anglia Zone
- East Anglia THREE Site
- East Anglia THREE Export Cable Corridor
- East Anglia THREE Interconnector Cable Corridor

Bathymetry (m)

- 50
- 49 - -48
- 47 - -46
- 45 - -44
- 43 - -42
- 41 - -40
- 39 - -38
- 37 - -36
- 35 - -34
- 33 - -32
- 31 - -30
- 29 - -28
- 27 - -26
- 25 - -24
- 23 - -22



52°30'0"N

52°30'0"N

Datum: WGS84
Projection: UTM31N



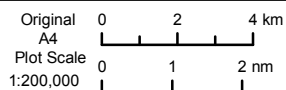
3°0'0"E



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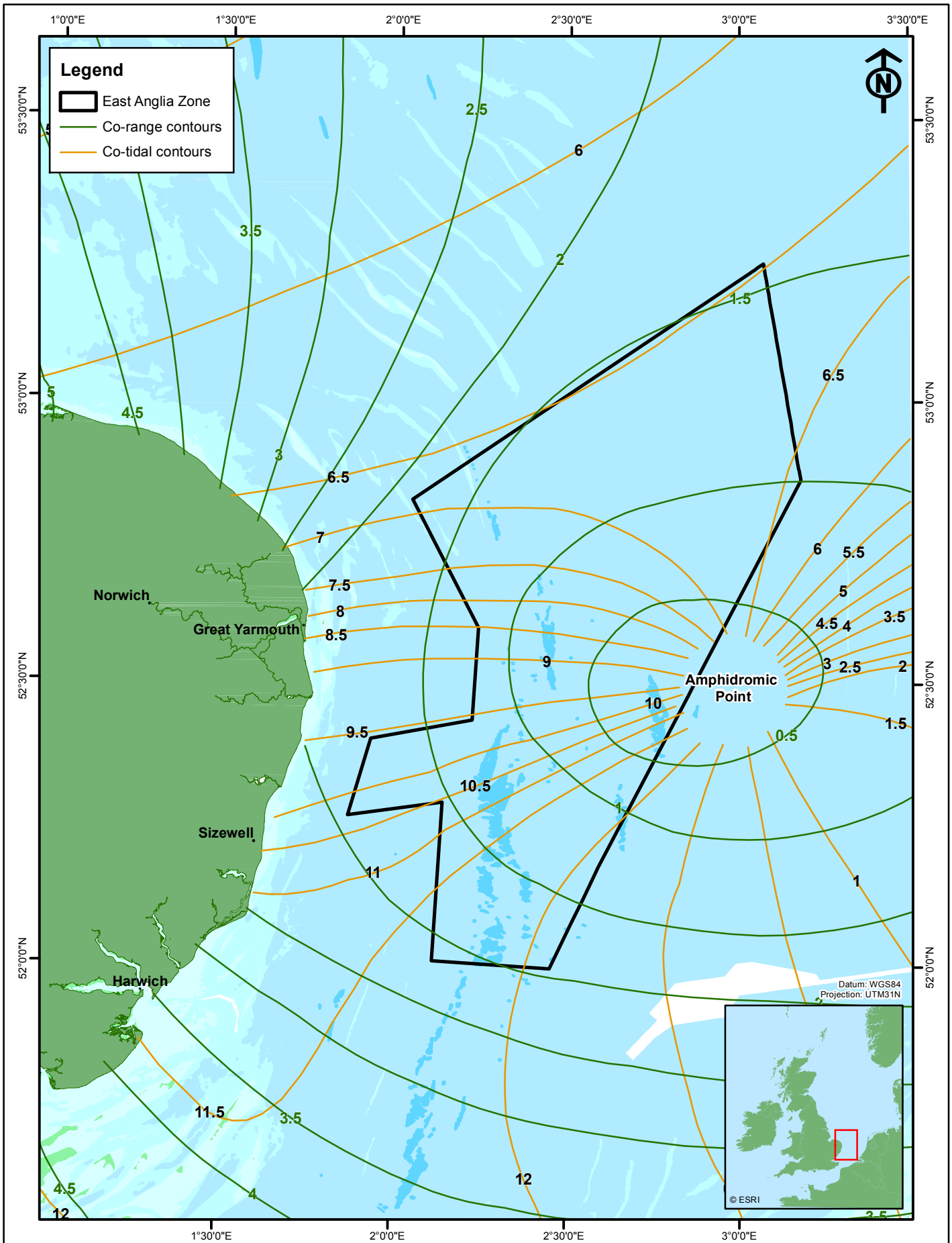
East Anglia THREE Limited
Detailed bathymetry of the East Anglia THREE site

Rev	Date	By	Comment
2	20/10/15	AB	Second Issue.
1	18/06/15	JE	First Issue.



Volume 2		Figure 7.2	
Layout	Date	Rev	Dwg No.
N/A	20/10/2015	2	EA3-O-018

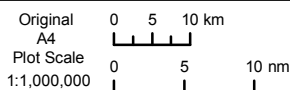
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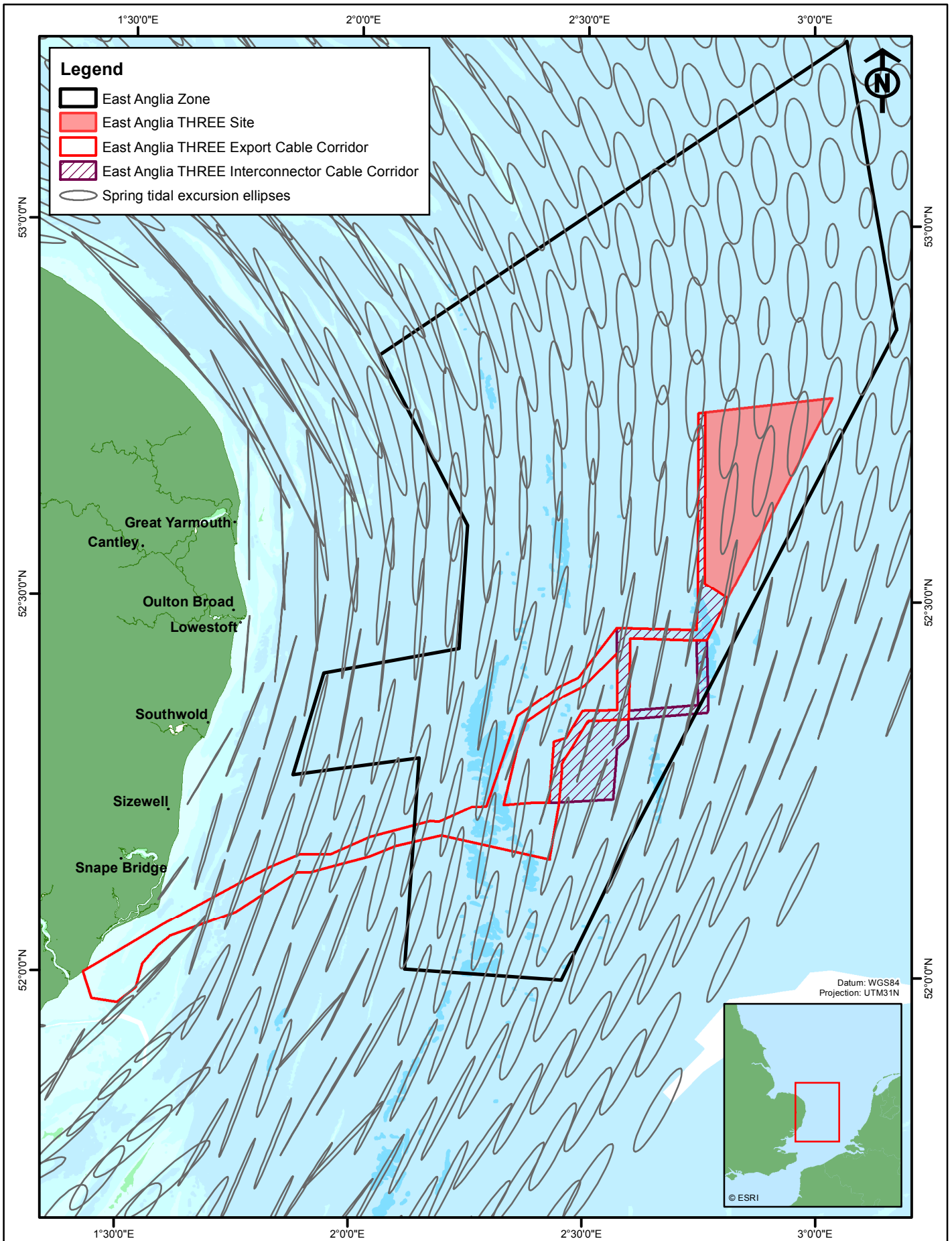
East Anglia THREE Limited Position of the amphidromic point

Rev	Date	By	Comment
2	20/10/15	AB	Second Issue.
1	18/06/15	JE	First Issue.



Volume 2		Figure 7.3	
Layout	Date	Rev	Dwg No.
N/A	20/10/2015	2	EA3-O-019

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 Note: Tidal ellipses from Atlas of UK Marine Renewable Energy Resources.

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Tidal Ellipses

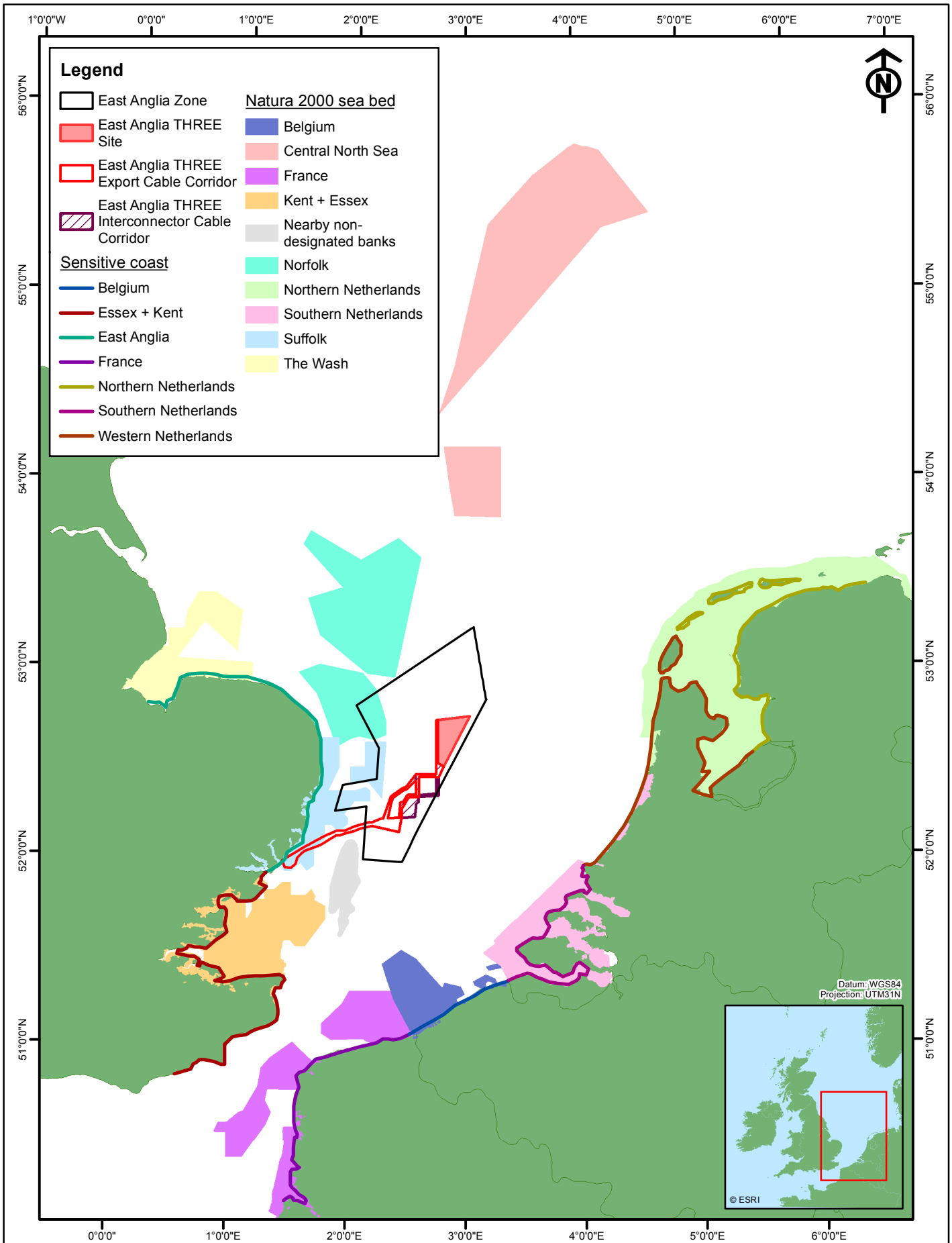
2	20/10/15	AB	Second Issue.
1	22/06/15	JE	First Issue.
Rev	Date	By	Comment

Original A4 Plot Scale 1:750,000

0 5 10 km

0 2 4 6 nm

Volume 2		Figure 7.4	
Layout	Date	Rev	Dwg No.
N/A	20/10/2015	2	EA3-O-020



Natura 2000 data and Sensitive Coast data courtesy of ABPMer, 2014
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 Receptor groups for marine geology, oceanography and physical processes

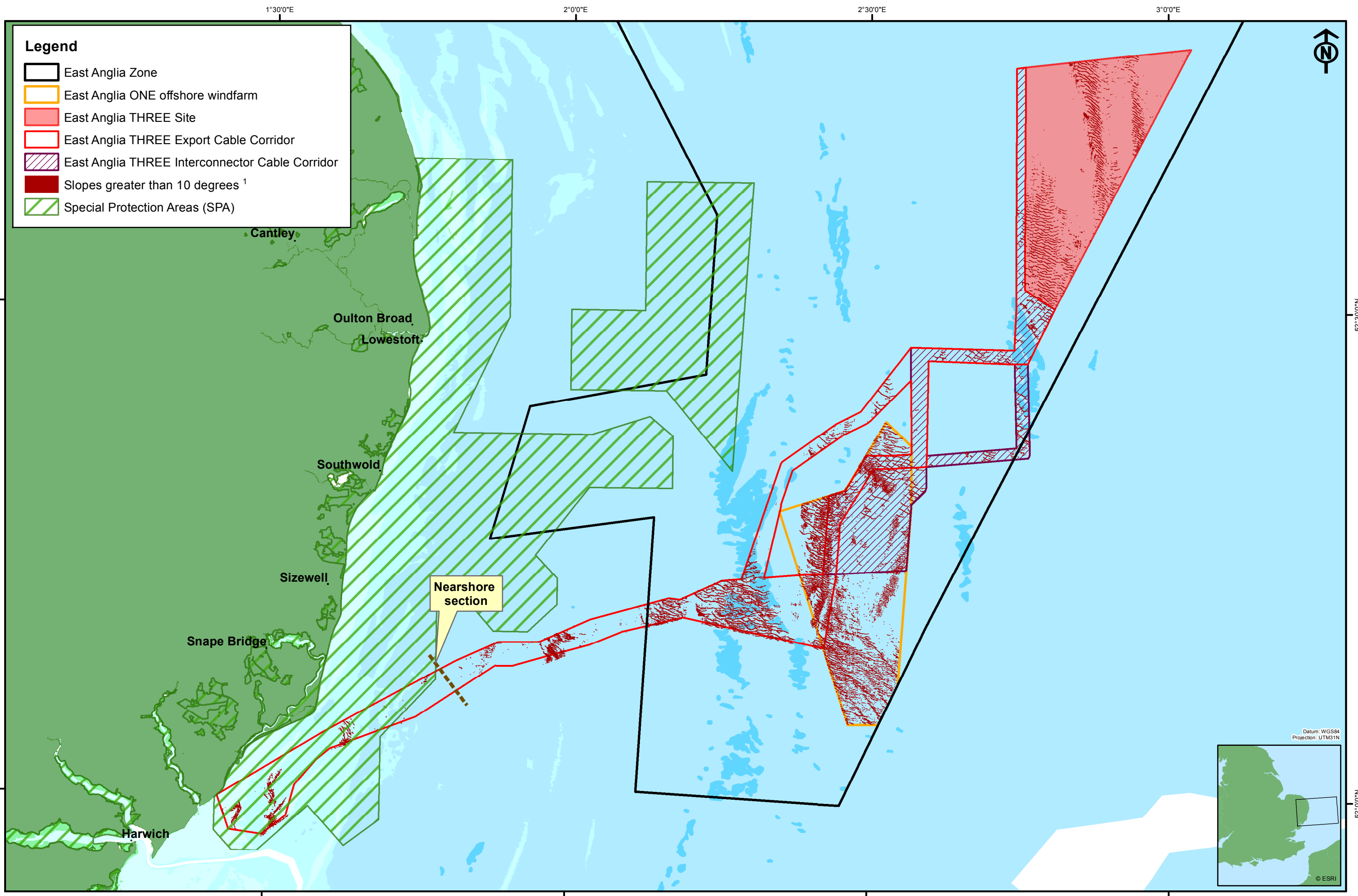
Rev	Date	By	Comment
2	20/10/15	AB	Second Issue.
1	22/06/15	JE	First Issue.

Original A4 Plot Scale 1:3,000,000	0 10 20 km 0 5 10 15 nm
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Volume 2		Figure 7.5	
Layout	Date	Rev	Dwg No.
N/A	20/10/2015	2	EA3-O-021

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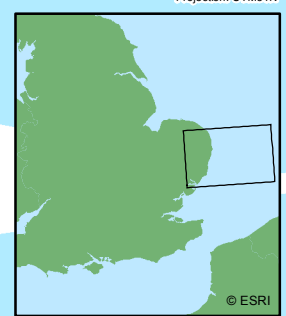
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Legend

- East Anglia Zone
- East Anglia ONE offshore windfarm
- East Anglia THREE Site
- East Anglia THREE Export Cable Corridor
- East Anglia THREE Interconnector Cable Corridor
- Slopes greater than 10 degrees ¹
- Special Protection Areas (SPA)

Datum: WGS84
Projection: UTM31N



Rev	Date	By	Comment
1	20/10/15	AB	Second issue
1	16/07/15	GC	First issue

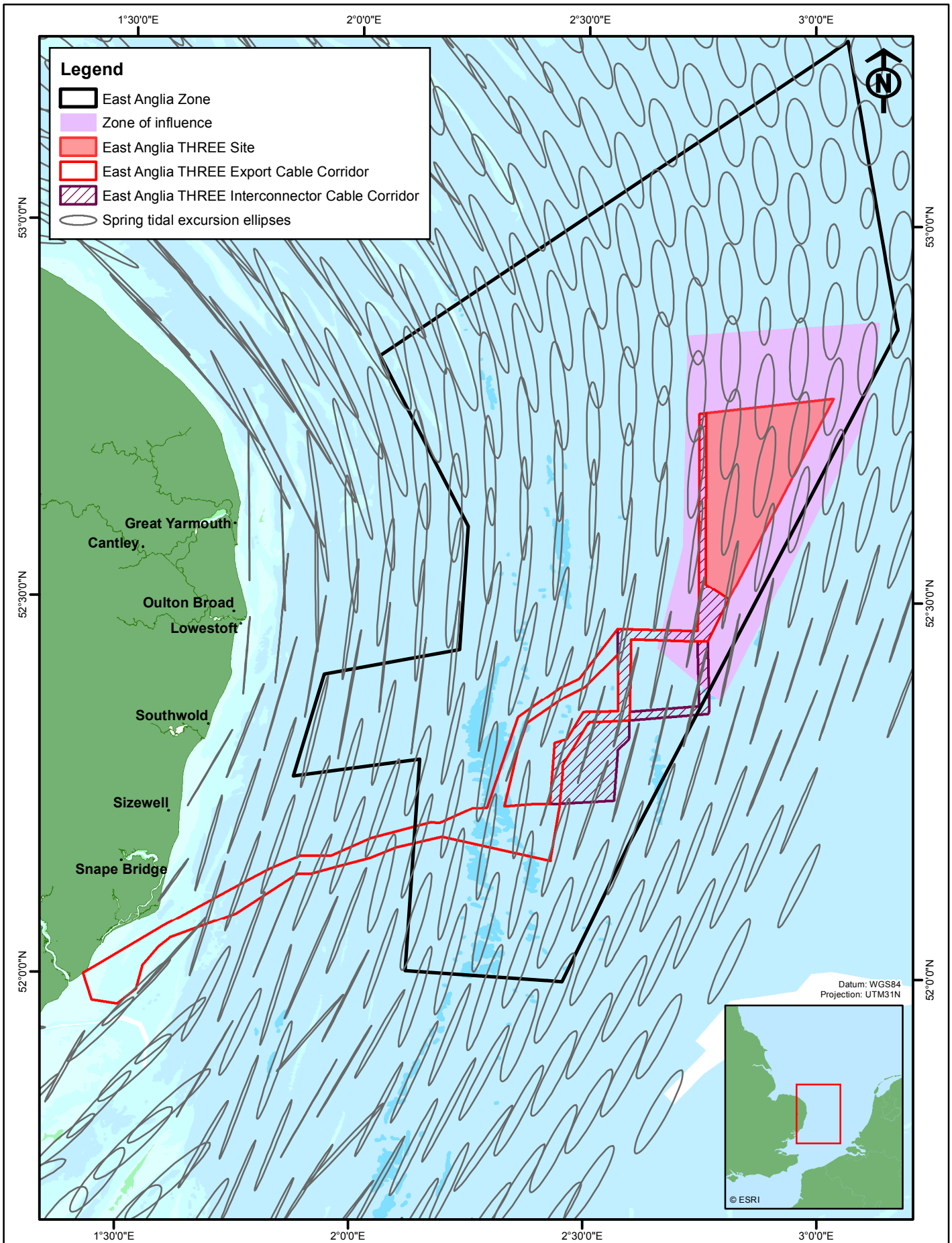
Original A3 Plot Scale 1:400,000

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1. Derived from EMU, 2011/2013 Geophysical survey

East Anglia THREE Limited
Sea bed locations occupied by sand waves with side slopes greater than 10 degrees

Drg No	EA3-O-068	Volume	2
Rev	2	Figure	7.6
Date	20/10/2015		
Layout	N/A		

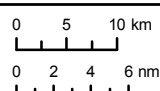
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1	22/06/15	JE	First Issue.
Rev	Date	By	Comment

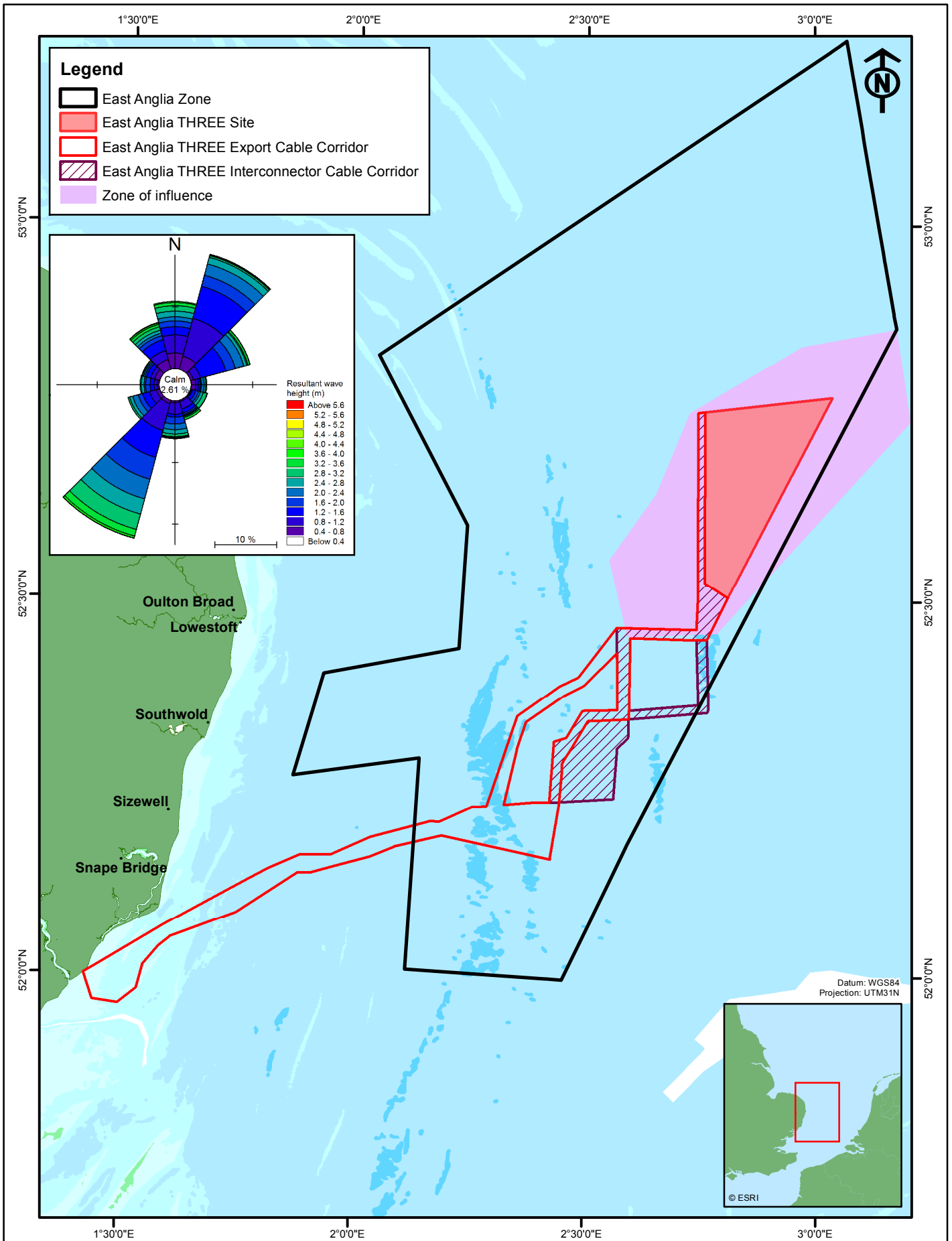
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 Note: Tidal ellipses from Atlas of UK Marine Renewable Energy Resources

Original A4
 Plot Scale 1:750,000



East Anglia THREE Limited Zone of potential influence on the tidal regime			
Volume 2		Figure 7.7	
Layout	Date	Rev	Dwg No.
N/A	20/10/2015	2	EA3-O-022

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East Anglia THREE Limited
 Zone of potential influence on the wave regime

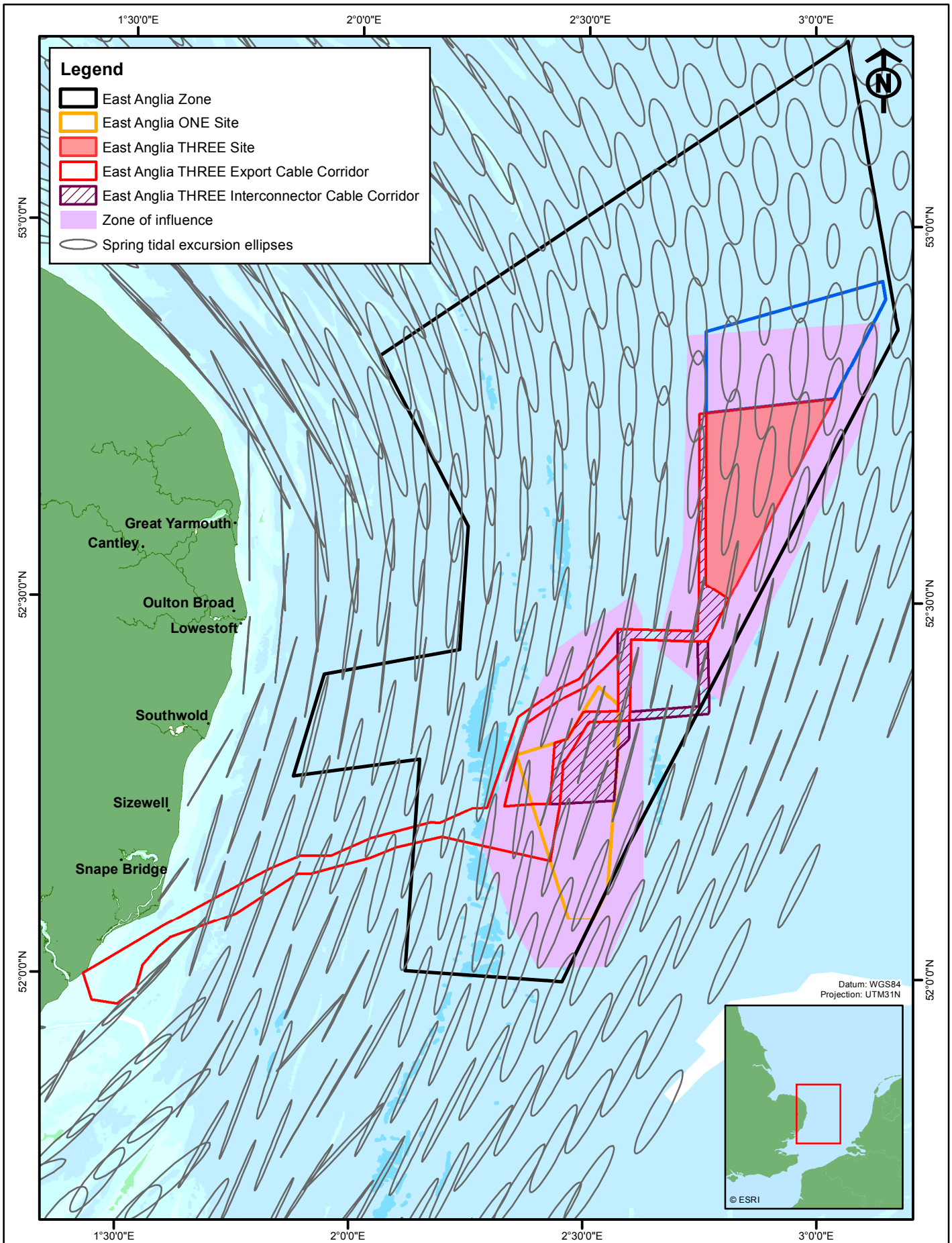
2	20/10/15	AB	Second Issue.
1	22/06/15	JE	First Issue.
Rev	Date	By	Comment

Original A4 Plot Scale 1:750,000

0 5 10 km
 0 2 4 6 nm

Volume 2		Figure 7.8	
Layout	Date	Rev	Dwg No.
N/A	20/10/2015	2	EA3-O-023

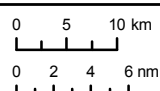
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2	20/10/15	AB	Second Issue.
1	22/06/15	JE	First Issue.
Rev	Date	By	Comment

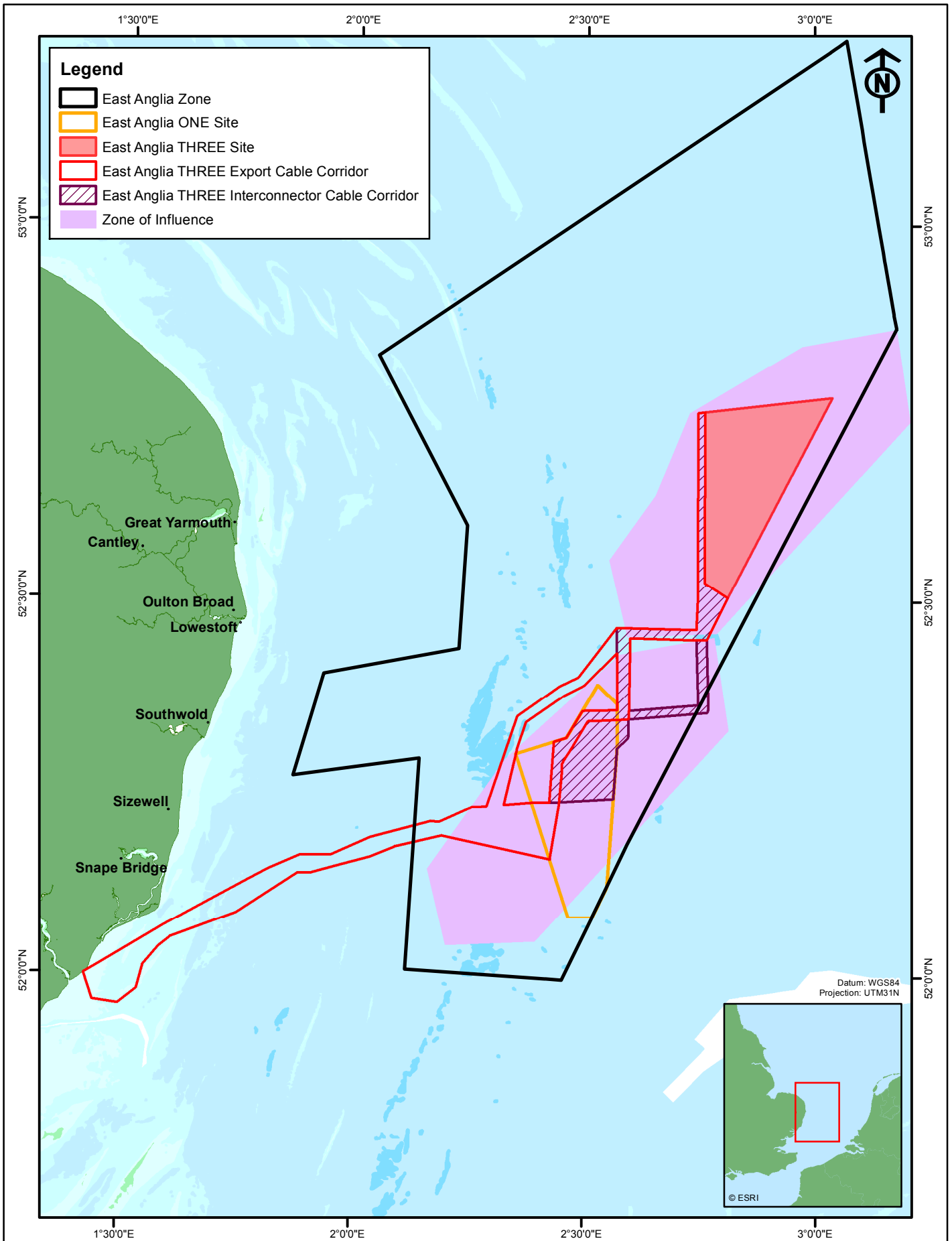
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Original A4
 Plot Scale 1:750,000



East Anglia THREE Limited Zone of potential cumulative influence on the tidal regime			
Volume 2		Figure 7.9	
Layout	Date	Rev	Dwg No.
N/A	20/10/2015	2	EA3-O-024

Ref:



2	20/10/15	AB	Second Issue.
1	22/06/15	JE	First Issue.
Rev	Date	By	Comment

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Original A4 Plot Scale 1:750,000	0 5 10 km
	0 2 4 6 nm

East Anglia THREE Limited Zone of potential cumulative influence on the wave regime			
Volume 2		Figure 7.10	
Layout	Date	Rev	Dwg No.
N/A	20/10/2015	2	EA3-O-025

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Chapter 7 Figures End Here