



Rampion Offshore Wind Farm



ES Section 7 – Benthos and Sediment Quality - Figures

RSK Environmental Ltd

Document 6.2.7

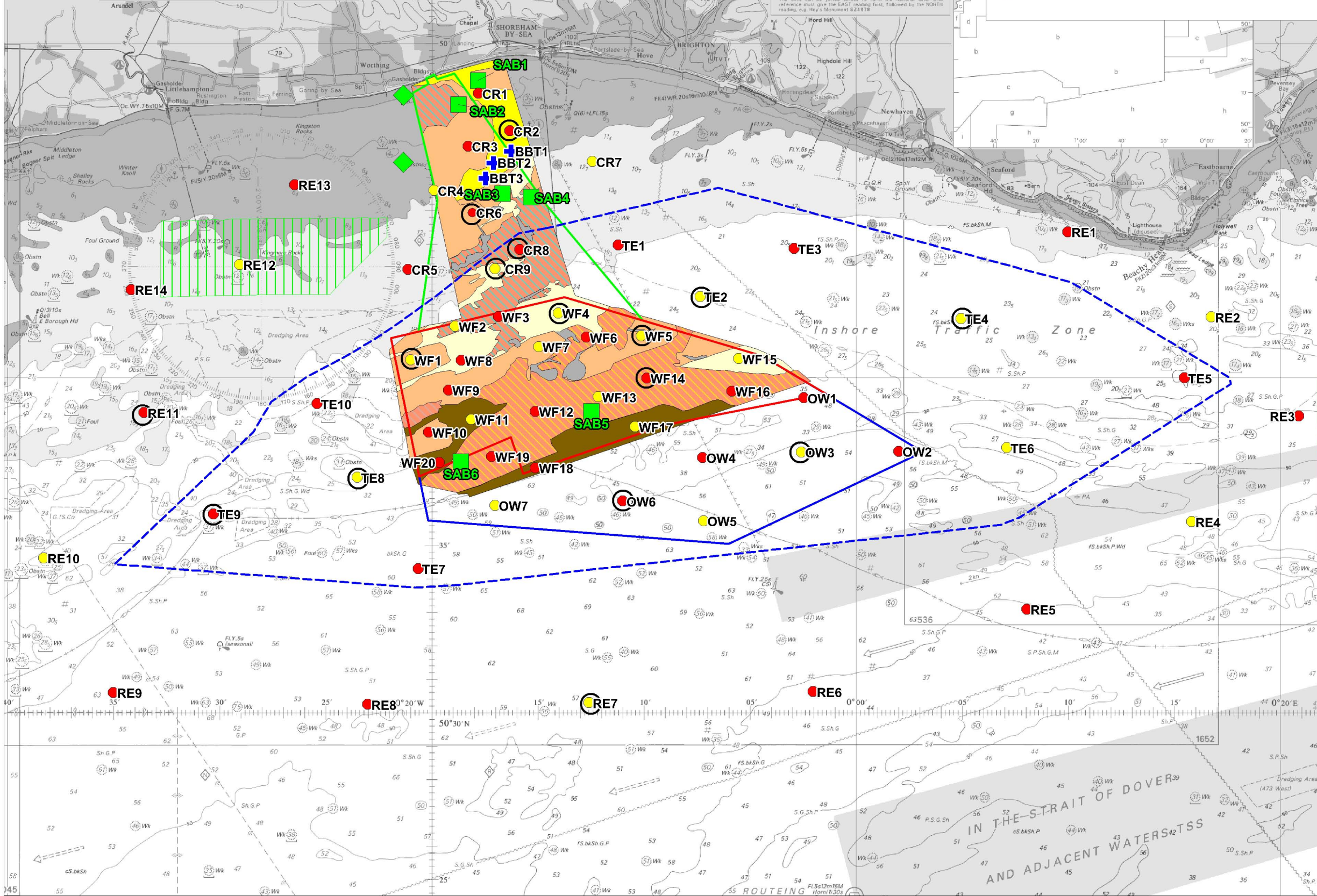
December 2012

APFP Regulation 5(2)(a)

Revision A

E.ON Climate & Renewables UK Rampion Offshore Wind Limited

Tidal Levels referred to Datum of Soundings						
Place	Lat N	Long W	MHW	MWN	MLWN	MLWS
Swanage	50°37'	1°57'	2.0	1.6	1.2	0.5
Freshwater	50.40	1.31	2.6	2.3	1.5	0.8
Venrur	50.36	1.12	3.9	3.2	1.7	1.0
Portsmouth	50.48	1.07	4.7	3.8	1.9	0.8
Selsey Bill	50.44	0.47	6.2	4.1	1.8	0.6
Nab Tower	50.40	0.57	4.5	3.8	2.1	0.8
Littlehampton (Entrance)	50.48	0.33	5.9	4.4	1.7	0.4
Shoreham	50.50	0.15	6.3	4.8	1.9	0.6
N E						
Newhaven	50.47	0.04	6.5	4.9	1.8	0.4
Eastbourne	50.46	0.18	7.4	5.4	2.1	0.7



Habitat / Sediment Type (from Osiris Mosaic)

- Gravelly Sand
- Gravelly Sand with Bedforms
- Gravelly Sand with Megaripples
- Gravelly Sand with Sandwaves and Megaripples
- Rock
- Sand
- Sandy Gravel
- Slightly Gravelly Sand

Legend

- Crown Estate Zone 6
- Rampion Offshore Wind Farm Site
- Export Cable Corridor
- Proposed Kingsmere Reef Marine Conservation Zone
- Tidal Envelope
- From Osiris Survey 2010 (Possible Sabellaria Sites Identified from Side Scan Sonar - Tentative)
- From South Coast REC 2007 (Sabellaria Sites Identified by Photos and Grab Samples)
- Benthos Station
- Benthos and Sediment Chemistry Station
- Black Bream Transects



Rev	Date	Description	Drn	Chk	App
01	18.10.12	New Boundary	LH	AM	DW
00	03.05.12	First Draft	LH	AM	DW

Rampion Offshore Wind Farm



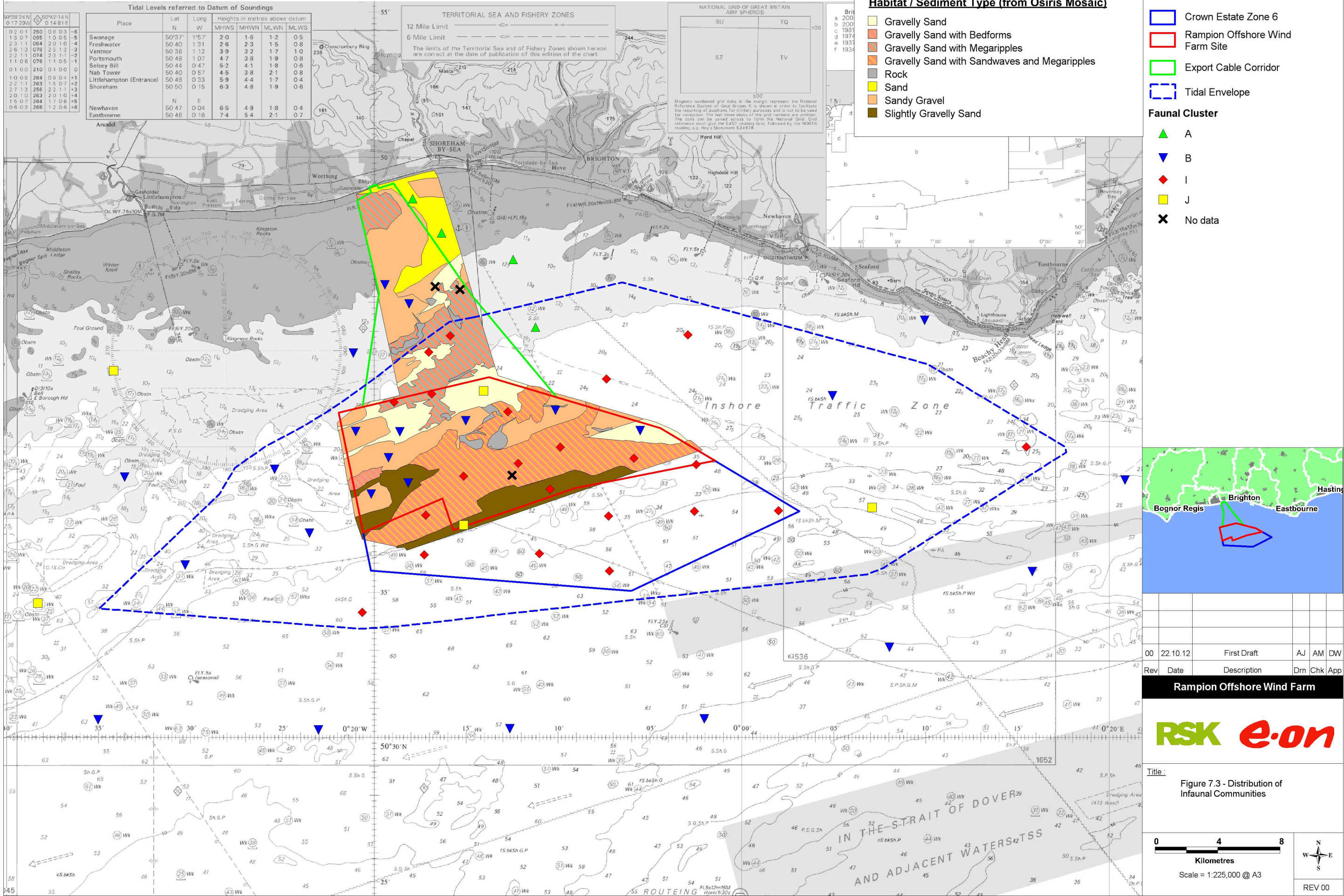
Figure 7.1 - Location of Subtidal Benthic Survey Stations

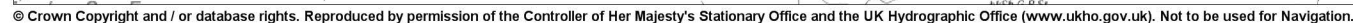
0 4 8
Kilometres
Scale = 1:225,000 @ A3

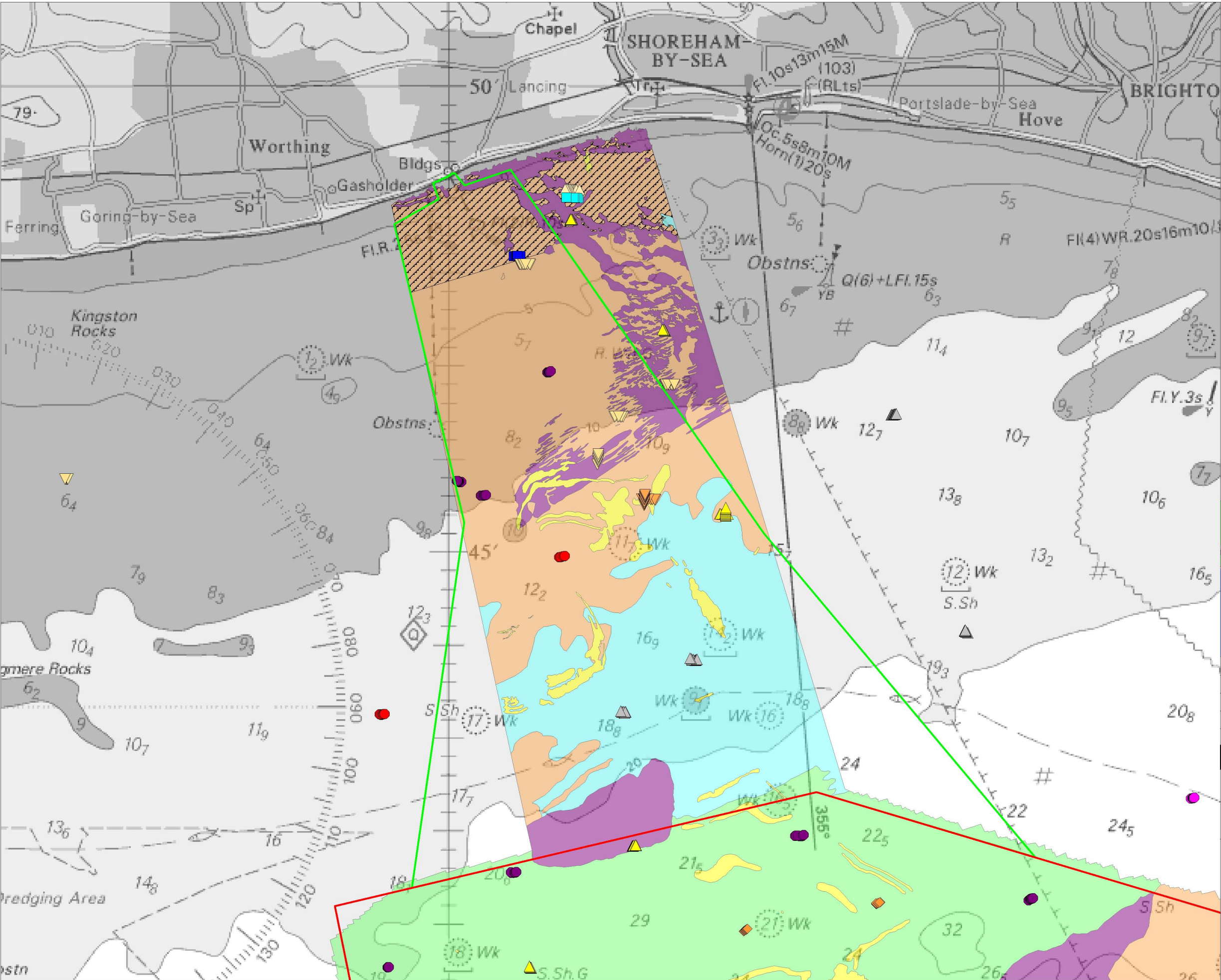


REV 01

Tidal Levels referred to Datum of Soundings						
Place	Lat N	Long W	Heights in metres above datum			
			MHWs	MHWN	MLWN	MLWS
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Legend

Crown Estate Zone 6

Rampion Offshore Wind Farm Site

Export Cable Corridor

Biotope

SS.SBR.SMus

SS.SBR.SMusMytSS

SS.SCS.CCS

SS.SCS.CCS.PomB

SS.SCS.ICs.SSh

SS.SMx.CMx

SS.SMx.CMx.FluHyd

SS.SMx.IMx

SS.SMx.IMx.CreAsAn

SS.SSa.IFiSa

SS.SSa.IFiSa.IMoSa

SS.SSa.IMuSa

Seabed Characterisation

Mixed Hard Substrate / Rock

SS.SCS.CCS

SS.SCS.CCS / SS.SMx.CMx

SS.SSa.IFiSa.IMoSa

SS.SSa.IMuSa

Sand Veneer over Hard Substrate

Mixed Sediments with Emergent Bedrock and Potential Mussel Bed



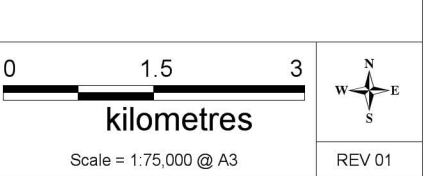
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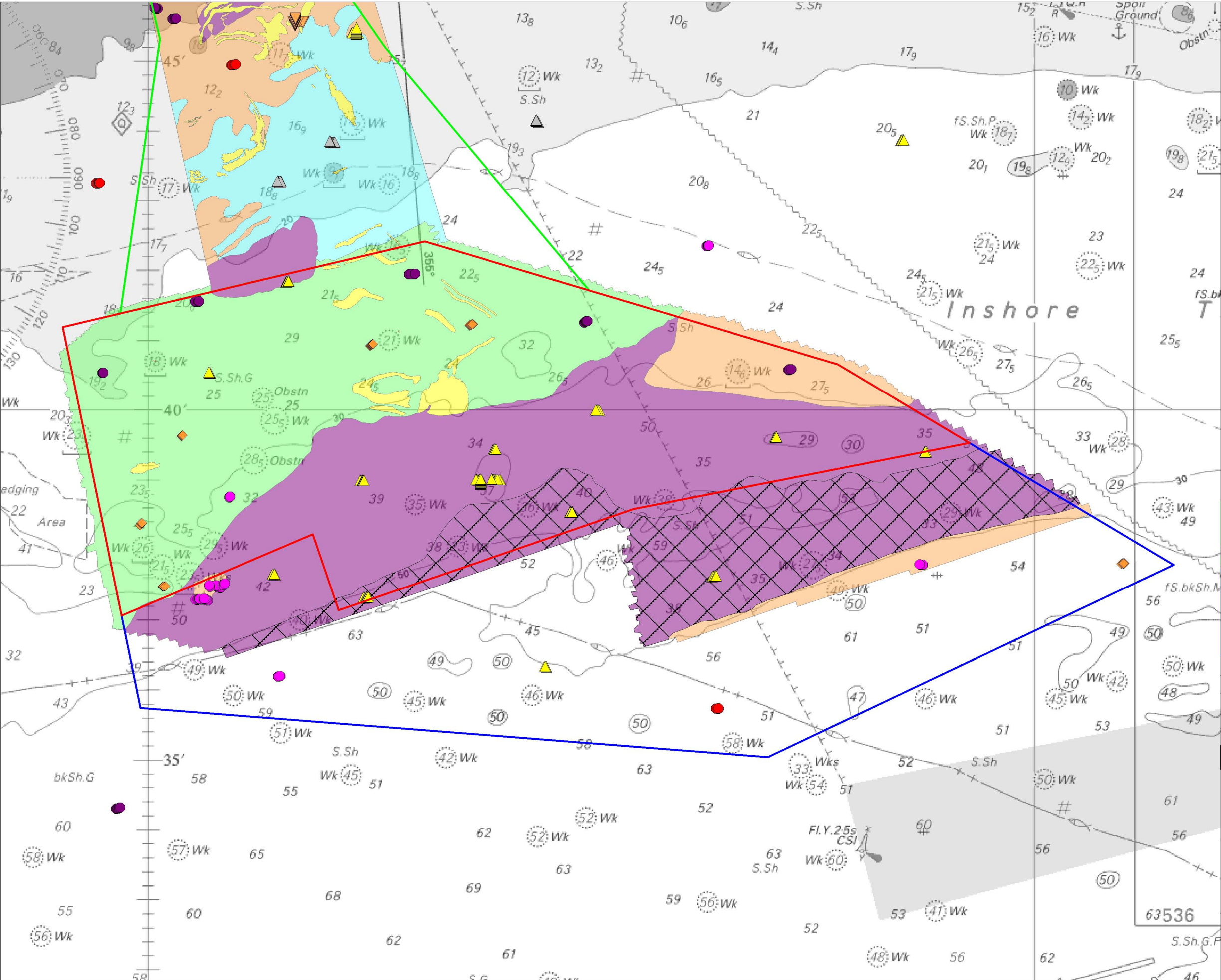
Rampion Offshore Wind Farm



Title:

Figure 7.6 - Predicted Habitat Map
Cable Route Corridor





Legend

- Crown Estate Zone 6
- Rampion Offshore Wind Farm Site
- Export Cable Corridor

Biotope

- SS.SBR.SMus
- SS.SBR.SMusMytSS
- SS.SCS.CCS
- SS.SCS.CCS.PomB
- SS.SCS.ICSSh
- SS.SMx.CMx
- SS.SMx.CMx.FluHyd
- SS.SMx.IMx
- SS.SMx.IMx.CreAsAn
- SS.SSa.IFiSa
- SS.SSa.IFiSa.IMoSa
- SS.SSa.IMuSa

Seabed Characterisation

- Mixed Hard Substrate / Rock
- SS.SCS.CCS
- SS.SCS.CCS / SS.SMx.CMx
- SS.SSa.IFiSa.IMoSa
- SS.SSa.IMuSa
- Sand Veneer over Hard Substrate
- Mixed Sediments with Emergent Bedrock and Potential Mussel Bed



Rev	Date	Description	Dwn	Chk	App
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00	03.05.12	First Draft	LH	AM	DW

Rampion Offshore Wind Farm

Title:

Figure 7.7 - Predicted Habitat Map OWF

01.53kilometres

Scale = 1:100,000 @ A3

N

W

E

S

REV 01

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TERRITORIAL SEA AND FISHERY ZONES
12 Mile Limit
6 Mile Limit
The limits of the Territorial Sea and of Fishery Zones shown hereon are correct at the date of publication of this edition of the chart.

NATIONAL GRID OF GREAT BRITAIN
MAGNETIC GRID
The magnetic grid ticks in the margin represent the National Reference System of Great Britain. It is shown in order to facilitate the reporting of positions for military purposes and is not to be used for navigation. The last three digits of the grid numbers are omitted. The ticks can be joined across to form the National Grid. Grid reference must give the EASTING reading first, followed by the NORTHING reading, e.g. Hey's Monument 524878.

SOURCES
British Government Surveys
a 2004-07 Full sea floor coverage
b 2001-03 1:25,000
c 1981-99 1:50,000-1:25,000
d 1974-81 1:20,000-1:50,000
e 1937-58 1:115,000-1:72,000
f 1934-50 1:10,590-1:54,100
French Hydrographic Service Surveys
g 1989-93 1:15,000
h 1969-83 1:20,000
i 1833-1922 (Leadline)
j 1933-1922 (Commercial)
k 1997-04 1:75,000-1:25,000
l 1984-88 1:50,000

