

Notice to Mariners

Rampion Offshore Wind Farm

Date of Issue: 17/01/2019

Dear Owners, Ships Agents, Masters, Pilots and Fishermen,

Re: Rampion Offshore Wind Farm - E.ON-NTM-00128- Residual Navigational Hazards Post Construction

Please be advised that the below possible hazards have been identified from the Offshore substation along the export cable route and the beach landing.

a) Float pit areas 1 to 7 – loose and soft ground, possible small to medium sized boulders

Latitude	Longitude	Comment
50° 48.593'N	0° 19.927'W	NW Corner
50° 48.615'N	0° 19.778'W	NE Corner
50° 48.003'N	0° 19.343'W	SE Corner
50° 47.927'N	0° 19.613'W	SW Corner

b) Spoil ground at OSP – disturbed ground possible large rocks

Latitude	Longitude	Comment
50° 41.933'N	0° 16.822'W	NW Corner
50° 41.985'N	0° 16.510'W	NE Corner
50° 41.717'N	0° 15.952'W	SE Corner
50° 41.563'N	0° 16.178'W	SW Corner

c) Boulder Relocation Areas containing a concentration of medium sized boulders

Latitude	Longitude	Comment
50° 41.772'N	0° 15.563'W	20m Radius
50° 41.987'N	0° 16.147'W	20m Radius
50° 42.822'N	0° 17.805'W	20m Radius
50° 43.437'N	0° 18.470'W	20m Radius

d) EC1 – cable protection (rock berms – shallow burial of cable)

Start Lat	Start Long	Stop Lat	Stop Long	Approximate Length	Comment
50° 43.350'N	0° 18.533'W	50° 43.333'N	0° 18.525'W	34m	Between 0.5m and 1m above original seabed level – width ~4m. Armour over rock bags
50° 41.699'N	0° 15.725'W	50° 41.690'N	0° 15.705'W	30m	
50° 41.680'N	0° 15.685'W	50° 41.667'N	0° 15.659'W	40m	

Notice to Mariners

Rampion Offshore Wind Farm

Date of Issue: 17/01/2019

e) EC2 – cut ends of dead cable, including a rock bag, rock berms, raised cable @ KP3.6

Latitude	Longitude	Comment
50° 47.273'N	0° 18.917'W	Single rock bag with approximately 13m exposed dead cable on seabed before becoming buried. Possible standing bight (4m long x 0.5m elevation) as transition from burial to exposed cable (rock bag position given). No rock berm.
50° 43.053'N	0° 18.002'W	20m rock berm pinning cut cable end (centre of rock berm position given) Berm 0.5m to 1m above original seabed level – width ~4m. Rock placed over rock bags
50° 42.860'N	0° 17.697'W	20m rock berm pinning cut cable end (centre of rock berm position given) Berm 0.5m to 1m above original seabed level – width ~4m. Rock placed over rock bags
50° 42.112'N	0° 16.300'W	20m rock berm pinning cut cable end (centre of rock berm position given) Berm 0.5m to 1m above original seabed level – width ~4m. Rock placed over rock bags

f) EC3 – cable protection (rock berms – shallow cable burial)

Start Lat	Start Long	Stop Lat	Stop Long	Approximate Length	Comment
50° 43.790'N	0° 18.538'W	50° 43.602'N	0° 18.470'W	360m	Between 0.5m and 1m above original seabed level – width ~4m
50° 43.558'N	0° 18.452'W	50° 43.505'N	0° 18.426'W	100m	
50° 46.212'N	0° 18.757'W	50° 46.185'N	0° 18.760'W	50m	
All other areas where backfill and trenching occurred seabed levels generally less than +/- 0.3m from pre-construction levels with occasional isolated high spots up to 0.5m associated with trench spoil artefacts.					

g) EC4 – cable protection (rock berms – shallow burial), partially filled trench KP2.1 to KP4.5

Rock Berms

Start Lat	Start Long	Stop Lat	Stop Long	Approximate Length	Comment
50° 45.047'N	0° 19.183'W	50° 45.001'N	0° 19.177'W	70m	Between 0.5m and 1m above original seabed level – width ~4m
50° 44.887'N	0° 19.137'W	50° 44.283'N	0° 18.955'W	1100m	
50° 41.772'N	0° 15.955'W	50° 41.727'N	0° 15.852'W	150m	
50° 41.707'N	0° 15.803'W	50° 41.682'N	0° 15.747'W	80m	
All other areas where backfill and trenching occurred seabed levels generally less than +/- 0.3m from pre-construction levels with occasional isolated high spots up to 0.7m associated with trench spoil artefacts.					

Partially Filled Trench

Latitude	Longitude	Comment
50° 47.945'N	0° 19.560'W	Start of partially filled trench
50° 47.510'N	0° 19.278'W	Turn Point
50° 46.913'N	0° 19.043'W	End of partially filled trench
Trench 3m (+/-1m) and depth of trench below original seabed generally less than 0.3 except for a couple of locations that drop to 0.5m. Cable reported buried at 1m below original seabed level so depth of cover expected to be 0.5m to 0.7m.		

Notice to Mariners

Rampion Offshore Wind Farm

Date of Issue: 17/01/2019

h) EC3 - exposed duct @ FP1

Latitude	Longitude	Comment
50° 48.610'N	0° 19.835'W	Approximately 40m of duct crowning above seabed

i) OSP – Rock bags and berms within 230m of OSP

Latitude	Longitude	Comment
50° 41.573'N	0° 15.588'W	Various hazards within 230m radius of OSP (OSP centre coordinate given)

j) FO – Rock bags 290m from OSP

Latitude	Longitude	Comment
50° 41.720'N	0° 15.673'W	3 X 4 ton rock bags on FO cable 290m @340° from OSP

k) Wind turbines and offshore substation - Rock bags within 100m of foundation

l) rock berms present throughout array between WTGs

Please note that the standard safety rules apply when fishing in or near wind farms and associated cables. **All mariners are requested to make themselves aware of their obligations for conducting activities over buried and protected cables under International and UK Cable (Sub-sea) Protection Legislation.**

Further information on the risks to fishing adjacent to subsea cables can be found in:

- KIS-ORCA/Seafish document 'Kingfisher Awareness Chart, January 2016, English Channel'
- Weblinks: www.kis-orca.eu and http://www.kis-orca.eu/media/9292/2016%20English%20Channel_LRes.pdf

The KIS-ORCA advice on fishing in or near a wind farm is there to help all mariners, particularly fishermen.

Contact Details.

Eon - European Central Control Room (18:00 – 06:00)	08453014712
Rampion Control Room (06:00 – 18:00)	01273 514588

Gordon Bain
 Lead Marine Coordinator
 Tel: +44 (0) 7816 648 082
 Email: leadmc@rampionoffshore.com.