

Notice to Mariners

Rampion Offshore Wind Farm

Date of Issue: 31/01/2019

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

Re: Rampion Offshore Wind Farm - EON-NTM-00128- Residual Navigational Hazards Post Construction Rev 1

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

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

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/large 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 power 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. Rock 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	

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e) EC2 – raised dead cable @ KP3.6, cut ends of dead cable, rock bags and rock berms

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 width 3m (+/-1m), trench is back filling slowly, cable covered but trench not always to seabed level		

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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 tonne 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.**

Positional data can be found in Kingfisher Wind farms chart “Rampion offshore wind farm January 2019” - Link <http://kis-orca.eu/media/99868/18%20-%20Rampion.pdf>

NB some links are only current for limited periods.

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

www.kis-orca.eu

<http://kis-orca.eu/media/99868/18%20-%20Rampion.pdf>

<https://www.seafish.org/article/kingfisher-bulletins>

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

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