



Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited

Construction Operations

Issue Date: 10/02/2017

RAM-ERA-LOG-NOT-0001_60 - Weekly Notice of Operations

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WNoO application:

- Issued weekly by the ROW Project Marine Co-ordination Team
- Notice to Mariners (NtM) will be issued for any unplanned/unmarked navigational hazards introduced by the project within our area of operation

1) Notice to Mariners (NtM) (Active)

Notice to Mariners Ref.	Date of Issue	Activity (Vessel in brackets)	Status of Works	Expected close out
ROWF NTM001	15/12/2015	ROWF Cardinal as Laid Positions	Ongoing	June 2018
ROWF NTM009	10/03/2016	Approval of Safety Zones	Ongoing	June 2018
ROWF NTM014	01/04/2016	Installation of Scour protection around foundations	Ongoing	June 2018
ROWF NTM016	27/05/2016	Installation Rock Pads	Ongoing	June 2018
ROWF NTM017	24/06/2016	Installation Rock Pads Round 2	Ongoing	June 2018
ROWF NTM023	10/08/2016	Array Cable Installation	Ongoing	30/06/2017
ROWF NTM032	28/09/2016	Revised Project Wave Rider Positions	Ongoing	June 2018
ROWF NTM034	11/10/2016	Project Wave Rider No 1 Relocation	Ongoing	June 2018
ROWF NTM042	12/12/2016	Special Marks on HDD ducts inshore Export cable	Ongoing	15/03/2017
ROWF NTM043	19/12/2016	Wave rider 3 has moved 250m SW	Ongoing	Ongoing
ROWF NTM044	23/12/2016	Installation of Export Cable	Ongoing	Until further notice
ROWF NTM045	02/02/2017	N3 Cardinal adrift	Ongoing	Until further notice
ROWF NTM047	07/02/2017	Installation of Rock bags on Export Cable Routes	Ongoing	Until further notice
ROWF NTM048	09/02/2017	Revised Export Cables shallow buried/exposed sections of cable	Ongoing	Until further notice



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Secretary of State has approved our application for statutory Safety Zones (08/03/16) during the construction of the Rampion Wind Farm. These Safety Zones are defined as:

- 500m around all structures (where construction vessels are present)
- 50m around all structures (whilst personnel are working on them) including the offshore sub station.

All project vessel masters and 3rd party sea users are requested to remain a minimum safe distance of 500m around each vessel. Project vessels are to keep a sharp lookout (Radar/AIS and visual) for non-project vessels entering these zones and report to Duty MC via VHF P1 ASAP.

2) Additional Hazards/Mitigation for Project Vessels and PAX

- GSK pipeline
 - 30m Safety Zone either side of the GSK pipeline situated to the East of the export cable corridor. No project vessels will be permitted to enter this safety zone without prior permission by the Duty MC
- Redundant sewage outfall pipeline
 - 30m Safety Zone either side of the redundant sewage outfall pipeline to the west of the cable route
- Fishing gear
 - All Vessels to keep a sharp lookout and report any fishing gear to duty MC who will in turn distribute information to all other project vessels.
 - All vessels to operate appropriately where the hazard of fishing gear exists
- Fishing vessels
 - Standing order for all project vessels to pass at a safe distance.
- Dive Vessels/Divers
 - Standing order for all project vessels to pass at a safe distance
 - Specifically, if any vessel is present over a known dive site, project vessels are to pass a Safe distance uptide.
- Scour protection on sea bed around foundations
 - Guard vessel in operation
 - Co-ordinates disseminated to FLOs
- Subsea cables
 - All project vessels to keep a sharp lookout for third party sea users venturing near subsea cables laid on sea bed. Report any such instances to Traffic ASAP.
- Immersion Suits
 - All personnel transferring to structures will wear Immersion suits (No survival suits)
- Drift Netting
 - Project vessels to operate accordingly during transits in darkness with regard to the commencement of the drift net season




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Name	Flag	Call Sign/MMSI	Contact Info	L (m)	B (m)	D (m)	GT (t)	Contractor	Status (Start)	Picture
Accommodation Platform										
MPI Discovery	Netherlands NL	PCFF 246741000	VHF 16 and P1	138	40	5.6	19533	Eon	Bolting accommodation platform Start 28-12-2016	
Supply ship										
EDT Jane	Cyprus	9491410	VHF 16 and P1	88 Mtr	18 Mtr	6.7	4577	Bibby Offshore	Boulder removal and Export Cable Rock Bagging 08-02- 2017	
Survey Vessel										
RRV Audrey	United Kingdom (UK)	2CTN7 235075634	VHF CH16/P1	13	6	0.8	13.5	Turbine Transfers	Survey's. Working out of Brighton Start 01-11-2016	



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Name	Flag	Call Sign/MMSI	Contact Info	L (m)	B (m)	D (m)	GT (t)	Contractor	Status (Start)	Picture
Guard Vessels										
George Johannes	United Kingdom (UK)	MCPF5 232006450	VHF CH16/P 1	26.2 7	6.48	3.2	122	Choice Marine	Guard Boat Duties 24/7 Start 31/03/2016	
Commodore P	United Kingdom (UK)	2GIR2 235097729	VHF CH16/P 1	18	6	0.9	25	Offshore Turbine Services	Fast Response Guard vessel Start 26/09/2016	




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Name	Flag	Call Sign/MMSI	Contact Info	L (m)	B (m)	D (m)	GT (t)	Contractor	Status (Start)	Picture
Crew Transfer Vessels										
Rix Tiger	United Kingdom (UK)	2GGY4 235097309	VHF CH16/P1	19	8	1.5	42	Rix Sea Shuttle	CTV and Ad-hoc Inspections Working out of Newhaven Start 01/08/2016	
Windcat 10	United Kingdom (UK)	2BAN2 235064453	VHF CH16/P1	22	6	2	36	Windcat	Bolt Tensioning CTV Working out of Newhaven Start 29/07/2016	
Windcat 12	United Kingdom (UK)	2B008 235067955	VHF CH16/P1	18	6	2.4	40	Windcat	Standby, Crew change Working out of Newhaven Start 14/03/2016	




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Name	Flag	Call Sign/MMSI	Contact Info	L (m)	B (m)	D (m)	GT (t)	Contractor	Status (Start)	Picture
Crew Transfer Vessels										
Windcat 14	United Kingdom (UK)	2BS19 23507040	VHF CH16/P1	18	6	1.9	40	Windcat	Standby, Crew change Working out of Newhaven Start 14/03/2016	
Windcat 17	United Kingdom (UK)	2BYDS 235070402	VHF CH16/P1	22	6	2.5	35	Windcat	Bolt Tensioning CTV Working out of Newhaven Start 19/09/2016	
Windcat 22	United Kingdom (UK)	2CUS9 235075935	VHF CH16/P1	22	6.5	1.9	40	Windcat	Standby CTV Working out of Newhaven Start 11/01/2016	




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Name	Flag	Call Sign/MMSI	Contact Info	L (m)	B (m)	D (m)	GT (t)	Contractor	Status (Start)	Picture
Njord Snipe	United Kingdom (UK)	2HGH2 235103431	VHF CH16/P1	20	8	0.2	65	Njord Offshore	Terminations Package Support Vessel Working out of Newhaven Start 26/09/2016	
Njord Skua	United Kingdom (UK)	2HGG9 235103429	VHF CH16/P1	20	8	1.8	65	Njord Offshore	Terminations Package Support Vessel Working out of Newhaven 26/09/2016	
Harbour works										
MTS Vector	United Kingdom (UK)	2BBA2 235064573	VHF CH16/12	21.6	9	2.6	84	MOJO	RO-RO 2 pontoon installation Newhaven Harbour Start 31/01/2017	

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3) Upcoming Operations (following 7 days)

Operation	Location	Vessel	Operational Notes
Array Cable Terminations	K06, I06, O07, H05, J06, H06, G06	Njord Snipe, Njord Skua	Operations are due to be completed by end 2017
Crew Change/Stores	MPI Discovery	Windcat 14,17,22 Rix Tiger	Ongoing
Servicing / Snagging / Crew Change	All Locations	Windcat 12	AToN replacement / cleaning, Flange Survey, Sealing Kits / Shells, Inspections
Foundation Bolt tensioning	F03, H01, H02, J03, I03, J05, L05, M06, N06, E07, F06, G06, J06, K06, L06, N08, G03, J03, B07, A09, B08, L04, B09, G04, K03, B10, D09, A10, C07, F12, K05, K04, D13, D08, M07, O09, D11, C09 O07, I06, C08, C11, E10, I05, F04, I01, H03, F05, C11, H04, E10, I04, G15, J04, G05, H05, G15, F10, F14, J07, K07, M08, E08, I08, L08, F03, G02, G03, G04, H01, J04, J02, K04, I04, L04, J03, K05, N06, O07, L10, J03, J05, M06, K06, L06 I09, M09	Windcat 10 Windcat 17 MPI Discovery	Ongoing
Project Guard vessel	Site 24hr Guard Vessels	George – Johannes, Commodore P,	Guarding Windfarm and Export cable route
Boulder clearance and UXO investigations	Export cables route	EDT Jane	Ongoing in February & March
Cardinal Buoy servicing	All 8 no. Cardinal Buoys	Forth Constructor	Ongoing in February
Export cable ROV surveys	Tracked ROV survey, nearshore from beach to KP3 on export cable route	TBC	Ongoing in February

Please note highlighted locations in above table indicate the operation is complete or partially completed

All Mariners Operating in the Vicinity of Rampion Offshore Wind Farm are advised to familiarise themselves with MGN 372
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/440734/MGN_372.pdf



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4) Summary of operations (previous 7 days)

- Guard vessel offshore 24/7
- Ongoing surveys
- Terminations
- Bolting
- Crew change MPI Discovery
- Water Bunkering Of MPI Discovery
- Rock dumping of the export cable with the EDT Jane

5) Export Cable End Positions Guarded by the George Johannes (Adjacent to OSP)

ID	Latitude	Longitude
Cable end Joint location	50° 43.043' N	0° 17.961' W
Cable end Joint location	50° 41.587' N	0° 15.316' W

6) Inshore Spoil Area Special Marks

ID	Latitude	Longitude
No 1 Buoy Position	50° 48.610' N	0° 19.863' W
No 2 Buoy Position	50° 48.580' N	0° 19.900' W

7) Looking further ahead (beyond 7 days)

- Bolt tensioning
- Array Cable terminations
- AD-HOC inspections
- Surveys on Export cable route and inter array cables
- Geotechnical investigations

8) Project Met mast details

- The current lattice structure has failed and will be replaced in due course.
- Currently on the sea bed at coordinates below:

ID	Latitude	Longitude
Met mast	50°41.287'N	0°20.594'W

9) Project Wave Rider

ID	Latitude	Longitude	
Wave Rider No1	50° 41.409' N	000° 15.816' W	As Laid
Wave Rider No2	50° 40.192' N	000° 13.352' W	As Laid
Wave Rider No3	50° 39.023' N	000° 19.698' W	As Laid

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10) As Laid Cardinal Buoy Positions

Cardinal Name	Light Signature	Deployed Latitude	Deployed Longitude
North 1(AIS)	Q	50° 41.377'N	0° 21.898'W
North 2	V Q	50° 42.072'N	0° 17.098'W
North 3 (AIS)	Q	50° 42.771'N	0° 12.286'W
East 1	Q (3) 10s	50° 41.050'N	0° 11.311'W
South 1(AIS)	Q (6) + L Fl 15s	50° 39.172'N	0° 11.363'W
South 2	V Q (6)+L Fl 10s	50° 38.398'N	0° 16. 147'W
South 3 (AIS)	Q (6) + L Fl 15s	50° 37.631'N	0° 20.931'W
West 1	Q (9) + 15s	50° 39.439'N	0° 21.930'W

11) Flotation Pit Spoil Deposit Area

Latitude	Longitude
50° 41.941'N	0° 16.752'W
50° 41.931'N	0° 16.447'W
50° 41.733'N	0° 16.462'W
50° 41.750'N	0° 16.762'W

12) Contact details

- Gordon Bain (Lead Marine Coordinator)
 - Tel: +44 (0) 7816 648082
 - Email: leadmc@rampionoffshore.com
- Duty Marine Coordinator
 - Tel: +44 (0) 7557 942945
 - Email: traffic@rampionoffshore.com



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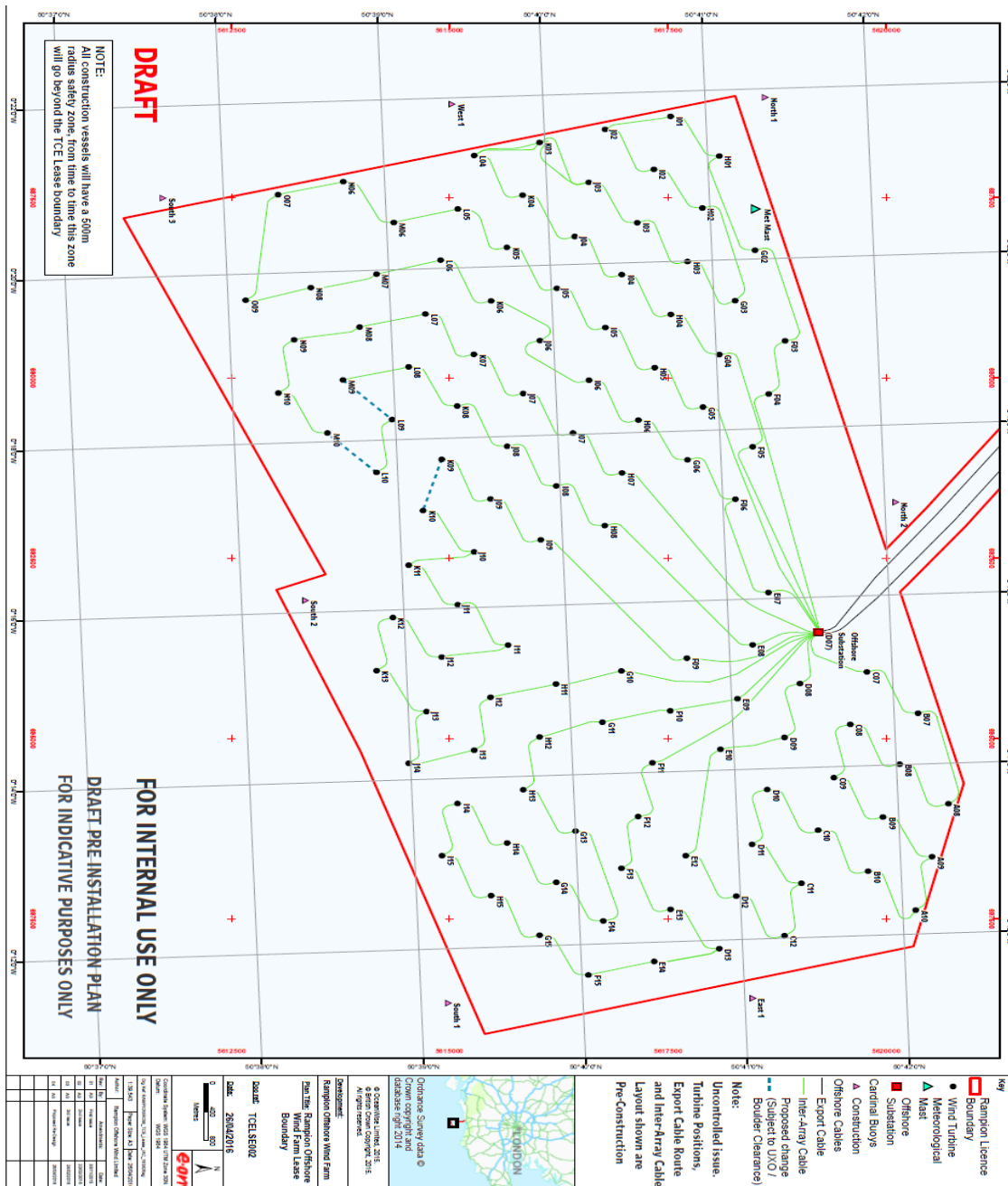
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13) Site Chart



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14) WTG Coordinates in LAT and LON

WTG ID	Lat (WGS84)	Lon (WGS84)	WTG ID	Lat (WGS84)	Lon (WGS84)
B07	50°42.149'N	0°14.603'W	I02	50°40.667'N	0°21.093'W
B08	50°42.021'N	0°14.009'W	I03	50°40.549'N	0°20.474'W
B09	50°41.903'N	0°13.393'W	I04	50°40.439'N	0°19.867'W
B10	50°41.796'N	0°12.763'W	I05	50°40.325'N	0°19.252'W
C07	50°41.845'N	0°15.107'W	I06	50°40.209'N	0°18.636'W
C08	50°41.728'N	0°14.495'W	I07	50°40.096'N	0°18.020'W
C09	50°41.611'N	0°13.876'W	I08	50°39.977'N	0°17.406'W
C10	50°41.499'N	0°13.263'W	I09	50°39.867'N	0°16.778'W
C11	50°41.382'N	0°12.645'W	I11	50°39.636'N	0°15.551'W
C12	50°41.263'N	0°12.034'W	I12	50°39.513'N	0°14.945'W
Offshore Substation (D07)	50°41.559'N	0°15.591'W	I13	50°39.398'N	0°14.330'W
D08	50°41.428'N	0°14.994'W	I14	50°39.281'N	0°13.708'W
D09	50°41.318'N	0°14.365'W	I15	50°39.169'N	0°13.099'W
D10	50°41.197'N	0°13.760'W	J02	50°40.376'N	0°21.581'W
D11	50°41.088'N	0°13.120'W	J03	50°40.260'N	0°20.964'W
D12	50°40.976'N	0°12.518'W	J04	50°40.159'N	0°20.333'W
D13	50°40.856'N	0°11.904'W	J05	50°40.036'N	0°19.729'W
E07	50°41.258'N	0°16.078'W	J06	50°39.916'N	0°19.120'W
E08	50°41.147'N	0°15.465'W	J07	50°39.800'N	0°18.505'W
E09	50°41.038'N	0°14.838'W	J08	50°39.686'N	0°17.888'W
E10	50°40.919'N	0°14.249'W	J09	50°39.568'N	0°17.274'W
E12	50°40.675'N	0°13.011'W	J10	50°39.452'N	0°16.661'W
E13	50°40.565'N	0°12.385'W	J11	50°39.336'N	0°16.044'W
E14	50°40.449'N	0°11.780'W	J12	50°39.224'N	0°15.434'W
F03	50°41.430'N	0°19.031'W	J13	50°39.114'N	0°14.801'W
F04	50°41.315'N	0°18.413'W	J14	50°38.990'N	0°14.199'W
F05	50°41.201'N	0°17.796'W	K03	50°39.968'N	0°21.450'W
F06	50°41.081'N	0°17.184'W	K04	50°39.849'N	0°20.836'W
F09	50°40.738'N	0°15.334'W	K05	50°39.737'N	0°20.229'W
F10	50°40.620'N	0°14.720'W	K06	50°39.626'N	0°19.604'W
F11	50°40.496'N	0°14.117'W	K07	50°39.504'N	0°18.982'W
F12	50°40.392'N	0°13.487'W	K08	50°39.389'N	0°18.381'W
F13	50°40.275'N	0°12.886'W	K09	50°39.278'N	0°17.759'W
F14	50°40.148'N	0°12.273'W	K10	50°39.149'N	0°17.164'W
F15	50°40.041'N	0°11.644'W	K11	50°39.045'N	0°16.527'W
G02	50°41.269'N	0°20.108'W	K12	50°38.932'N	0°15.916'W
G03	50°41.133'N	0°19.522'W	K13	50°38.816'N	0°15.298'W
G04	50°41.021'N	0°18.893'W	L04	50°39.560'N	0°21.320'W
G05	50°40.906'N	0°18.282'W	L05	50°39.445'N	0°20.697'W
G06	50°40.795'N	0°17.666'W	L06	50°39.325'N	0°20.101'W
G10	50°40.329'N	0°15.207'W	L07	50°39.216'N	0°19.474'W
G11	50°40.198'N	0°14.611'W	L08	50°39.099'N	0°18.859'W
G13	50°40.001'N	0°13.341'W	L09	50°38.982'N	0°18.245'W
G14	50°39.867'N	0°12.747'W	L10	50°38.871'N	0°17.629'W
G15	50°39.750'N	0°12.130'W	M06	50°39.045'N	0°20.559'W
H01	50°41.074'N	0°21.229'W	M07	50°38.925'N	0°19.959'W
H02	50°40.955'N	0°20.623'W	M08	50°38.806'N	0°19.343'W
H03	50°40.848'N	0°19.997'W	M09	50°38.689'N	0°18.727'W
H04	50°40.732'N	0°19.382'W	M10	50°38.580'N	0°18.109'W
H05	50°40.618'N	0°18.763'W	N06	50°38.744'N	0°21.057'W
H06	50°40.503'N	0°18.151'W	N08	50°38.516'N	0°19.824'W
H07	50°40.387'N	0°17.536'W	N09	50°38.398'N	0°19.216'W
H08	50°40.266'N	0°16.921'W	N10	50°38.287'N	0°18.596'W
H11	50°39.922'N	0°15.078'W	O09	50°38.109'N	0°19.697'W
H12	50°39.806'N	0°14.460'W	O07	50°38.338'N	0°20.927'W
H13	50°39.690'N	0°13.845'W	A08	50°42.312'N	0°13.524'W
H14	50°39.576'N	0°13.226'W	A09	50°42.196'N	0°12.908'W
H15	50°39.461'N	0°12.614'W	Met Mast	50°41.287'N	0°20.594'W
I01	50°40.783'N	0°21.711'W	A10	50°42.080'N	0°12.286'W