



Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited Construction Operations

Issue Date: 23/02/2018 RAM-ERA-LOG-NOT-0001_106
- Weekly Notice of Operations

Contents

1)	Notice to Mariners (NtM) (Active)	2
2)	Hazards/Mitigation for Project Vessels and PAX	3
3)	Construction Vessels	4
4)	Guard Vessels	4
5)	Crew Transfer Vessels.....	5
6)	Upcoming Operations (following 7 days)	7
7)	Summary of Operations (previous 7 days)	8
8)	Looking further ahead (beyond 7 days) (new activities starting)	8
9)	Project Met mast details.....	8
10)	Project Wave Rider.....	8
11)	As Laid Cardinal Buoy Positions	9
12)	Contact details.....	9
13)	Export Cable Coordinates	10
14)	Site Chart	11
15)	Surface laid export cable and wet stored anchor wire details see update NTM 0096	12



Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited Construction Operations

Issue Date: 23/02/2018 RAM-ERA-LOG-NOT-0001_106
- Weekly Notice of Operations

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 NTM009	10/03/2016	Approval of Safety Zones	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 NTM049	09/02/2017	Safe distances of all structures within Rampion Offshore Wind	Ongoing	Until further notice
ROWF NTM 071	23-08-2017	Updated Main Array Hazard Area	Ongoing	Until further notice
ROWF NTM 075	02-11-2017	Updated Export Cables Hazard areas	Ongoing	Until further notice
ROWF NTM 078	13-11-2017	Array Cable Rock bag placement/Export cable boulder removal	Ongoing	Until further notice
ROWF NTM 86	04-12-2017	Rampion Cardinal and Wave Rider buoy update	Ongoing	Until further notice
ROWF NTM 91	04-01-2018	Rampion Notices to Mariners Update 2018	Ongoing	Until further notice
ROWF NTM 94	01-02-2018	Rampion Aids to Navigation	Ongoing	May 2018
ROWF NTM 96	13-02-2018	Rampion surface laid export cable & wet stored anchor wire. Update	Ongoing	Until further notice
ROWF NTM 97	16-02-2018	Installation of Nearshore Export Cable Protection.	Ongoing	Until further notice

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 substation.

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.



Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited Construction Operations

Issue Date: 23/02/2018 RAM-ERA-LOG-NOT-0001_106
- Weekly Notice of Operations

2) 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 minimum of 1NM up tide.
- Scour protection and exposed cables on sea bed around foundations
 - Guard vessel in operation
 - Co-ordinates disseminated to FLOs
- Subsea cables (buried, shallow buried and surface laid).
 - 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. Special consideration of the exposed cable at the jointing location (50 42.97'N, 000 17.88'W) and to the east of the Offshore Substation.

Refer to Documents RAM-ERA-SMG-SAF-0001_00 (Guidelines for CTV operators on specific hazards)





- Ensure all project vessels have latest Office Site Chart (Check with Duty MC for latest Rev)

Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited Construction Operations

Issue Date: 23/02/2018 RAM-ERA-LOG-NOT-0001_106

- Weekly Notice of Operations






Name	Flag	Call Sign/MMSI	Contact Info	L (m)	B (m)	D (m)	GT (t)	Contractor	Status (Start)	Picture
3) Construction Vessels										
MV Erica	UK	2DLS3/3514070084	VHF CH16/P1	10	4	1.8	23	Partrac	Service 3 x project wave rider buoys Week commencing 26/02/2018	
Voe Vanguard	UK	MBEN9/232008636	VHF CH16/P1	33.18	14.5	4.6	499	Delta Marine	Installation of nearshore export cable protection.	
Survey Vessel										
Rix Tiger	(UK)	2GGY4/235097309	VHF CH16/P1	19	9	1.8	42	Rix Sea Shuttle	Survey vessel 01/01/2018	
4) Guard Vessels										
George Johannes	(UK)	MCPF5/232006450	VHF CH16/P1	26.27	6.48	3.2	122	Choice Marine	Guard Boat Duties 24/7 Start 30/07/2017	
Commodore P	(UK)	2GIR2/235097729	VHF CH16/P1	18	6	0.9	27	Offshore Turbine Services	Fast Response Guard Vessel Start 18/08/2017	

Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited Construction Operations

Issue Date: 23/02/2018 RAM-ERA-LOG-NOT-0001_106

- Weekly Notice of Operations








Name	Flag	Call Sign/MMSI	Contact Info	L (m)	B (m)	D (m)	GT (t)	Contractor	Status (Start)	Picture
5) Crew Transfer Vessels										
Rix Panther	(UK)	2FRT9/235093688	VHF CH16/P1	19	8	1.5	42	Rix Sea Shuttle	Terminations Working out of Newhaven Start 15/03/2016	
Windcat 6	(UK)	MXFD/235057789	VHF CH 16/P1	16	6	2	40	Windcat	Site CTV Working out of Newhaven	
Windcat 10	(UK)	2BAN2/235064453	VHF CH16/P1	22	6	2	36	Windcat	WTG M&E completion Working out of Newhaven	
Windcat 17	(UK)	2BYDS/235070402	VHF CH16/P1	18	6	2.5	35	Windcat	WTG M&E completion Start 19/09/2016	
Windcat 11	(UK)	2B1S9/235066459	VHF CH16/P1	22	6	1.9	40	Windcat	WTG Commissioning Start 06/03/2017	

Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited Construction Operations

Issue Date: 23/02/2018 RAM-ERA-LOG-NOT-0001_106

- Weekly Notice of Operations

Name	Flag	Call Sign/MMSI	Contact Info	L (m)	B (m)	D (m)	GT (t)	Contractor	Status (Start)	Picture
Porth Nefyn	(UK)	2IRQ8/235112231	VHF CH 16/P1	19	8	1.6	48	Turbine Transfers	Crew change / Water taxi 11/03/2017	
Windcat 22	(UK)	2CUS9/235075935	VHF CH16/P1	22	6.5	2.1	40	Windcat	O&M Vessel Working out of Newhaven Start 29/01/201	
Sure Pride	(UK)	2FUM/235094357	VHF CH 16/P1	20	8	2	67	Surewind	WTG Commissioning Start 15/05/2017	
Sure Partner	(UK)	2GCI8/235096195	VHF CH 16/P1	20	8	2	67	Surewind	WTG Commissioning Start 06/03/2017	
CWIND SWORD	(UK)	2IAE5/235108046	VHF CH 16/P1	22	6	1.8	35	C-Wind	O&M CTV Start 13/11/2017	
Avocet	(UK)	2DXB6/235082698	VHF CH 16/P1	19	6	1.8	60	VBMS	Stemat Spirit CTV Working out of Shoreham Start 09/12/2017	
Windcat 14	UK	2BS19/235070403	VHF CH 16/P1	18	6	1.9	40	Windcat	SAP CTV Start 29/01/2018	



Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited Construction Operations

Issue Date: 23/02/2018 RAM-ERA-LOG-NOT-0001_106
- Weekly Notice of Operations

6) Upcoming Operations (following 7 days)

Operation	Location	Vessel	Operational Notes
Installation of inshore export cable protection.	Nearshore/and array trails	Voe Vanguard	Vessel arrival 26 and operations are planned to take 3 days weather permitting.
WTG M&E completion/commissioning	All locations	Windcat 11, Windcat 17, Windcat 10, Sure Partner, Sure Pride,	Ongoing
Inspection Bolting Snagging Painting cleaning	All locations	Windcat 6	Ongoing
Crew change Water Taxi	All Locations/Newhaven Port	Porth Nefyn	Ongoing
Project Guard vessels	Site 24hr Guard Vessels	George Johannes, Commodore P,	Ongoing Commodore will take over for Commander P in the next week.
Survey	Multibeam/side scan surveys/IOW	Rix Tiger	Ongoing
OSS works	Offshore sub station	Rix Panther	Ongoing
SAP CTV	All locations/energisation	WC 14	Ongoing
Wave rider Servicing	3 x wave rider locations as depicted in section 10	MV Erica	Start operations week commencing 26/02/2018 weather permitting
O&M Vessels	All locations	WC 22 C-Wind Sword	ongoing



Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited Construction Operations

Issue Date: 23/02/2018 RAM-ERA-LOG-NOT-0001_106
- Weekly Notice of Operations

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

7) Summary of Operations (previous 7 days)

- Guard vessel offshore 24/7
- MVOW mechanical completions/commissioning.
- Ongoing surveys
- Energisation of array cables and WTG's
- Complete CR3 installation (Burial still to be completed)

8) Looking further ahead (beyond 7 days) (new activities starting)

- Array cable protection
- Export cable protection and burial
- Energisation of WTG's
- Installation of CR4 export cables
- Arrival of OSP Work platform
- Change over to operational Aids to Navigation
- Removal of 6 x Cardinals and repositioning remaining North and South to permanent positions

9) Project Met mast details

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

10) Project Wave Rider

ID	Latitude	Longitude	
Wave Rider No1	50°46.555'N	0°19.070'W	As Laid
Wave Rider No2	50°41.394'N	0°16.146'W	As Laid
Wave Rider No3	50°40.219'N	0°12.949'W	As Laid



Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited Construction Operations

Issue Date: 23/02/2018 RAM-ERA-LOG-NOT-0001_106
- Weekly Notice of Operations

11) 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

12) Contact details

Mark Brown

Offshore Site Manager

Tel: +44 (0) 7491 057 121

Email: mark.brown@eon.com

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



Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited Construction Operations

Issue Date: 23/02/2018 RAM-ERA-LOG-NOT-0001_106
- Weekly Notice of Operations

13) Export Cable Coordinates

East Export Cable Route

West Export Cable Route

LATITUD	LONGITUD	KP	LATITUD	LONGITUD	KP
50° 49.0411453' N	0° 20.1491986' W	0	50° 49.0392569' N	0° 20.1559728' W	0
50° 49.0383954' N	0° 20.1471673' W	0.006	50° 49.0365229' N	0° 20.1541776' W	0.005
50° 48.8450241' N	0° 20.0043473' W	0.401	50° 48.8321138' N	0° 20.0213010' W	0.415
50° 48.5435783' N	0° 19.7817419' W	1.019	50° 48.5312412' N	0° 19.8257254' W	1.019
50° 47.5754360' N	0° 19.0671645' W	3	50° 47.5283632' N	0° 19.1741222' W	3.03
50° 47.0619271' N	0° 18.8052062' W	4.001	50° 46.9242174' N	0° 18.9365803' W	4.184
50° 46.7959655' N	0° 18.7318572' W	4.502	50° 46.8710244' N	0° 18.9223825' W	4.284
50° 46.6611182' N	0° 18.7172942' W	4.752	50° 46.5838764' N	0° 18.8887138' W	4.818
50° 46.1228324' N	0° 18.7778840' W	5.753	50° 46.0611405' N	0° 18.9565559' W	5.791
50° 45.4028104' N	0° 18.9771812' W	7.108	50° 45.4302627' N	0° 19.1313961' W	6.978
50° 45.3447367' N	0° 18.9859594' W	7.216	50° 45.3274051' N	0° 19.1548573' W	7.171
50° 45.2907955' N	0° 18.9871717' W	7.316	50° 45.1830551' N	0° 19.1582731' W	7.439
50° 45.2264755' N	0° 18.9803895' W	7.436	50° 45.0807508' N	0° 19.1340815' W	7.631
50° 43.8545862' N	0° 18.5755551' W	10.024	50° 44.4092272' N	0° 18.9209074' W	8.901
50° 43.5353821' N	0° 18.4567545' W	10.632	50° 44.2370203' N	0° 18.8760834' W	9.225
50° 43.4067649' N	0° 18.3879768' W	10.884	50° 43.7399867' N	0° 18.7176892' W	10.165
50° 43.3218335' N	0° 18.3272998' W	11.057	50° 43.4531794' N	0° 18.5891475' W	10.718
50° 43.2482600' N	0° 18.2567879' W	11.216	50° 43.3127411' N	0° 18.5123192' W	10.994
50° 43.2046700' N	0° 18.2066487' W	11.316	50° 43.2634912' N	0° 18.4778397' W	11.094
50° 43.0451085' N	0° 17.9882516' W	11.708	50° 43.2007868' N	0° 18.4231791' W	11.227
50° 42.8969501' N	0° 17.7661912' W	12.088	50° 43.1559313' N	0° 18.3757412' W	11.327
50° 42.4324193' N	0° 16.8658103' W	13.453	50° 42.8176502' N	0° 17.8872884' W	12.179
50° 41.9317806' N	0° 15.9784611' W	14.851	50° 42.4145324' N	0° 17.1150045' W	13.356
50° 41.7220852' N	0° 15.6528737' W	15.397	50° 41.9242877' N	0° 16.2156689' W	14.752
50° 41.7133732' N	0° 15.6394384' W	15.42	50° 41.6643728' N	0° 15.6559910' W	15.568
50° 41.7133732' N	0° 15.6394384' W	15.42	50° 41.6643728' N	0° 15.6559910' W	15.568
50° 41.6218602' N	0° 15.5819279' W	15.602	50° 41.6269395' N	0° 15.6136011' W	15.654
50° 41.6218602' N	0° 15.5819279' W	15.602	50° 41.6269395' N	0° 15.6136011' W	15.654
50° 41.5681136' N	0° 15.5889815' W	15.702	50° 41.5677536' N	0° 15.5919882' W	15.766

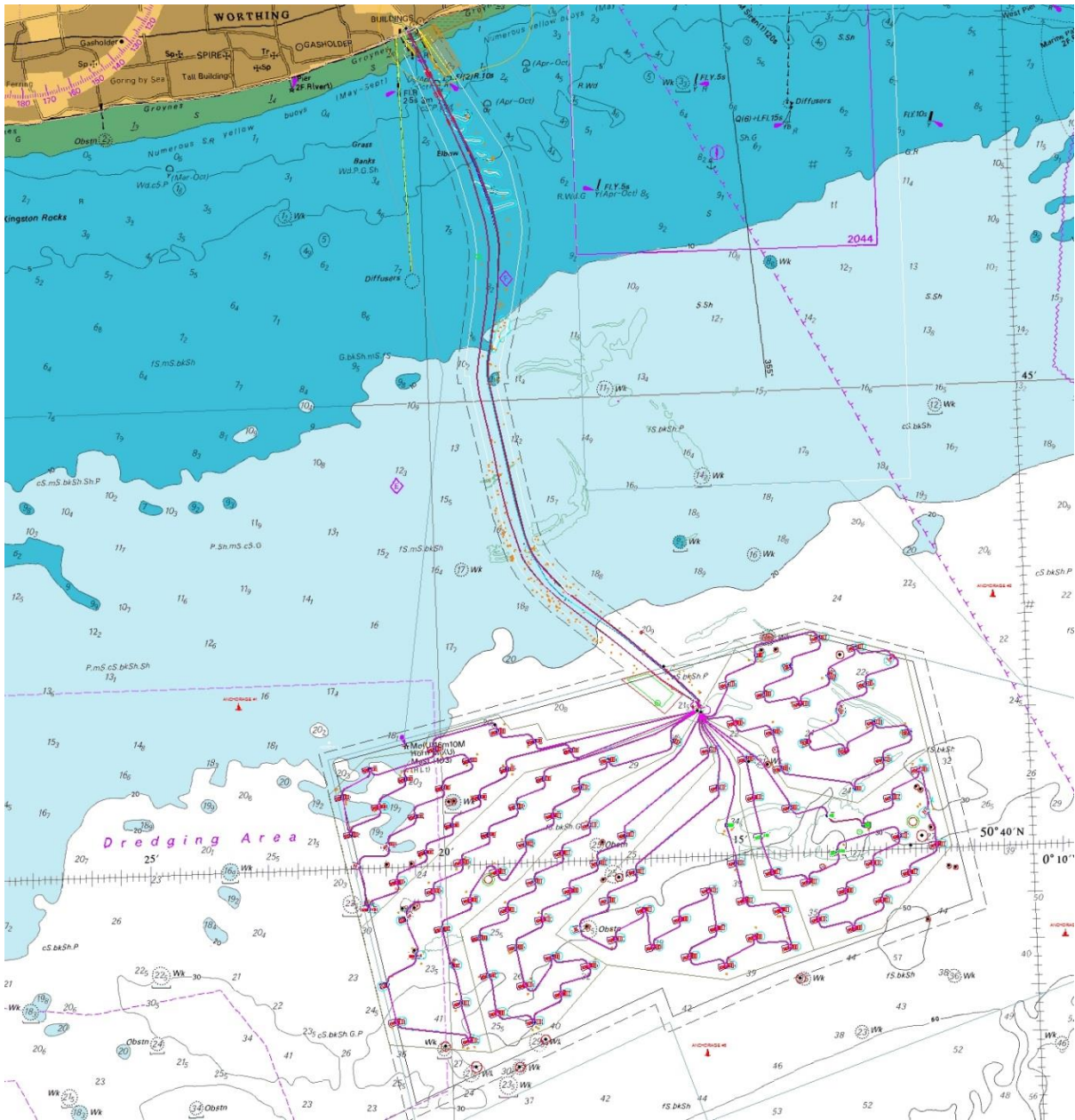


Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited Construction Operations

Issue Date: 23/02/2018 RAM-ERA-LOG-NOT-0001_106
- Weekly Notice of Operations

14) Site Chart



Weekly Notice of Operations (WNoO)

Rampion Offshore Wind Farm Limited Construction Operations

Issue Date: 23/02/2018 RAM-ERA-LOG-NOT-0001_106
- Weekly Notice of Operations

15) Surface laid export cable and wet stored anchor wire details see update NTM 0096

Anchor wire has been removed.

