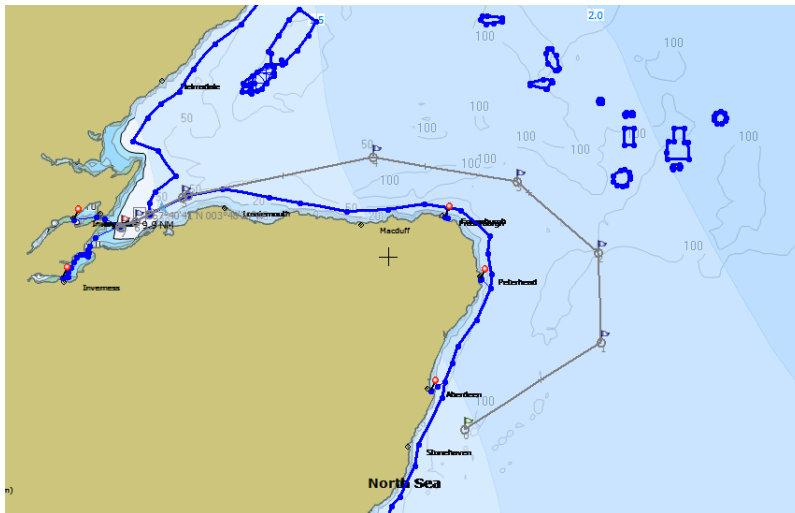
	<b>KINCARDINE OFFSHORE WINDFARM PROJECT</b>	<b>Document Number KOWL-MEM-0001-042</b>
	<b>Memorandum</b>	<b>Issue Date 08/10//2020</b>
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**Notice to Mariners of Activities associated with the Development of the  
Kincardine Offshore Windfarm  
WF1 tow plan**

**1) Summary**


Please be advised that the floating turbine WF1 will be removed from the Kincardine offshore wind farm site and towed to Invergordon. The tow plan covers the tow from the Kincardine wind farm site to the harbour in Invergordon. The disconnection work is in progress and is due to commence on the 12<sup>th</sup> of October and take up to 4 days to complete.

Route of the tow



WP	Name	LAT	LON	Radius	Deviation	Leg Length	Distance To Arrival	Bearing
1		57°01.170'N	001°52.570'W	100	50	31.0	150.9	57.7°
2		57°17.719'N	001°04.374'W	100	50	17.0	119.8	358.6°
3		57°34.707'N	001°05.164'W	100	50	19.4	102.8	333.7°
4		57°52.025'N	001°21.128'W	100	50	34.0	83.5	271.2°
5		57°52.729'N	002°24.729'W	100	50	36.7	49.5	258.0°
6		57°45.123'N	003°31.912'W	100	50	9.9	12.8	243.4°
7		57°40.686'N	003°48.493'W	100	50	2.8	2.8	245.0°
8		57°39.501'N	003°53.236'W	100	50			


Length of tow	150.8 nmi
Speed of tow	3kts maximum
Duration of tow	~80 hours

	<b>KINCARDINE OFFSHORE WINDFARM PROJECT</b>	<b>Document Number</b> <b>KOWL-MEM-0001-042</b>
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**2) Vessel performing the lead tug tow operation**

<b>Vessel Name</b> Princess		
Call Sign: <b>ORQU</b>		
MMSI: <b>205642000</b>		
IMO: 9242766		
<b>Length x breadth</b> <b>67.4 x 16 m</b>		
<small>© RIA MAAT MarineTraffic.com</small>		

**3) Vessel performing the tow escort**

<b>Vessel Name</b> Sapphire		
Call Sign: <b>9HA4927</b>		
MMSI: <b>215021000</b>		
IMO: 9220550		
Gross Tonnage: <b>498</b>		
<b>Length x Breadth</b> <b>35.75 x 11 m</b>		
<small>© Peter Ward MarineTraffic.com</small>		

**4) Vessel performing the tow escort**

<b>Vessel Name</b> <b>MT Peterel</b>		
Call Sign: <b>MGNY8</b>		
MMSI: <b>232025613</b>		
IMO: <b>9803974</b>		
Gross Tonnage: <b>498</b>		
<b>Length x Breadth</b> <b>35.75 x 11 m</b>		
<small>Meek</small>		



# KINCARDINE OFFSHORE WINDFARM PROJECT

## Memorandum

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### 5) Consent Area

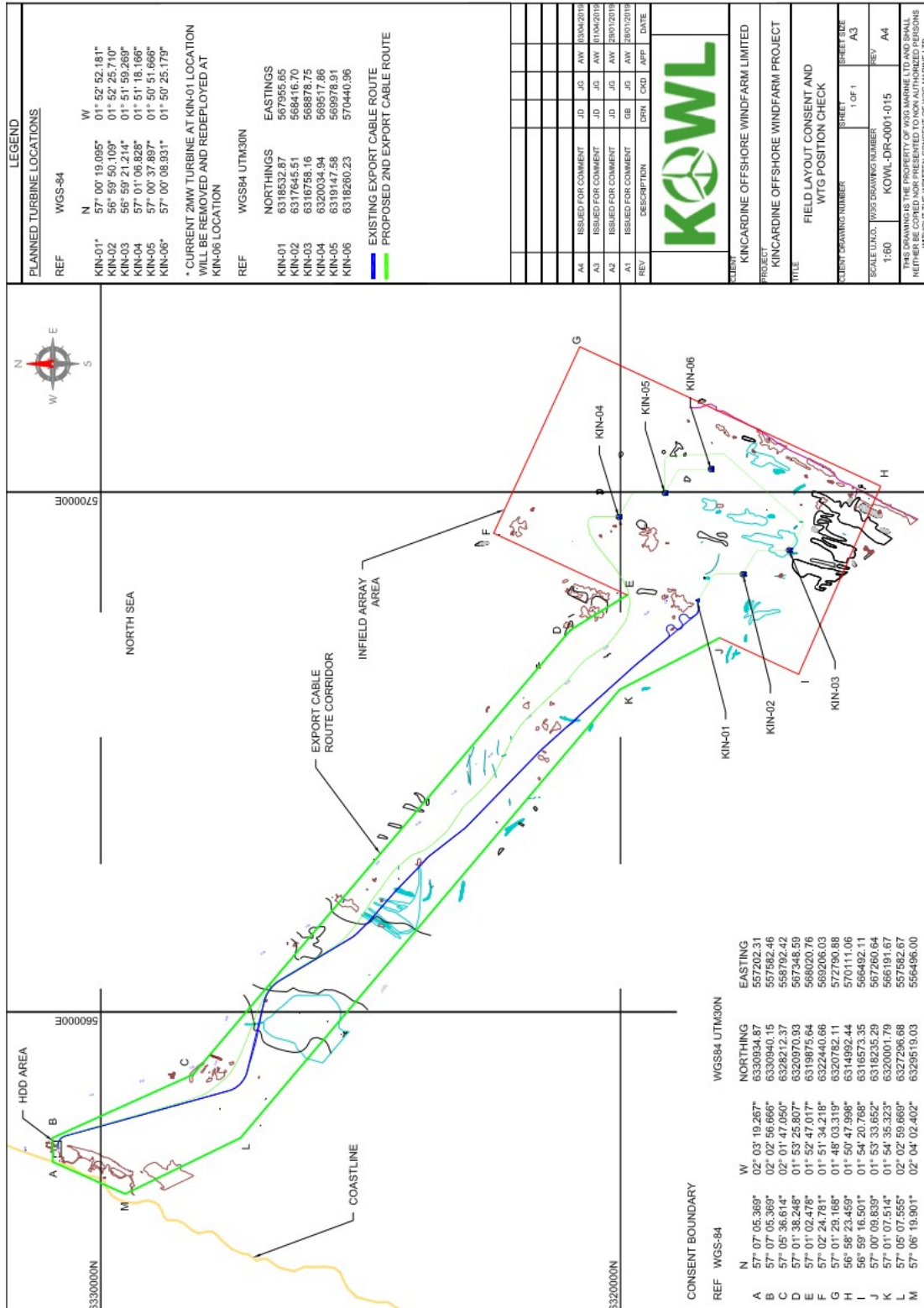


Figure 1: Project Site and Indicative Turbine Locations (NOT TO BE USED FOR NAVIGATION)



**KINCARDINE OFFSHORE  
WINDFARM PROJECT**

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**5 General Safety Advice**

Mariners are advised to navigate with caution and keep continued watch on VHF Channel 16 when navigating in the area.

For marine and aviation safety advice refer to document KOWL-PL-0004-001 – Lighting and Marking Plan which can be found on the Pilot-Renewables and Marine Scotland websites linked below:

<http://pilot-renewables.com/>

<https://www.gov.scot/Topics/marine/Licensing/marine/scoping/Kincardine>

**6 Contact Details**

Name	Job Title	Telephone	Email
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Michael Sutherland	KOWL Fisheries Liaison Officer (FLO)	07928484343	<a href="mailto:avoca61@gmail.com">avoca61@gmail.com</a>

Signed by

[ John Giles ..... ] (Name)

[  ..... ] (Signature)

[ Engineer ..... ] (Title)

[ Oct 8, 2020 ..... ] (Date)

# KOWL-MEM-0001-042- Notice to Mariners (NtM) WF1 tow from site

Final Audit Report

2020-10-08

Created:	2020-10-08
By:	Hira Qayyum (hqayyum@w3gmarine.co.uk)
Status:	Signed
Transaction ID:	CBJCHBCAABAA8BxEiURvUR7nOb897zwSuJeXTNTg1j3T

## "KOWL-MEM-0001-042- Notice to Mariners (NtM) WF1 tow from site" History

-  Document created by Hira Qayyum (hqayyum@w3gmarine.co.uk)  
2020-10-08 - 10:39:47 AM GMT- IP address: 86.151.120.125
-  Document emailed to John Giles (jgiles@w3gmarine.co.uk) for signature  
2020-10-08 - 10:41:19 AM GMT
-  Email viewed by John Giles (jgiles@w3gmarine.co.uk)  
2020-10-08 - 10:42:01 AM GMT- IP address: 31.50.95.128
-  Document e-signed by John Giles (jgiles@w3gmarine.co.uk)  
Signature Date: 2020-10-08 - 10:43:30 AM GMT - Time Source: server- IP address: 31.50.95.128
-  Agreement completed.  
2020-10-08 - 10:43:30 AM GMT