

NOTICE TO MARINERS

Moyle Return Conductor Cables – Cable Laying and Burial

Mariners are advised that the Moyle Return Conductor cables are due to be laid between landfalls on Scotland (approx 3.5km south of Ballantrae) and Ireland (5km east of Larne). The first cable is due to be laid between the earliest date of **1st and 12th August 2015**. The second cable is due to be laid between the **18th and 26th October 2015**.

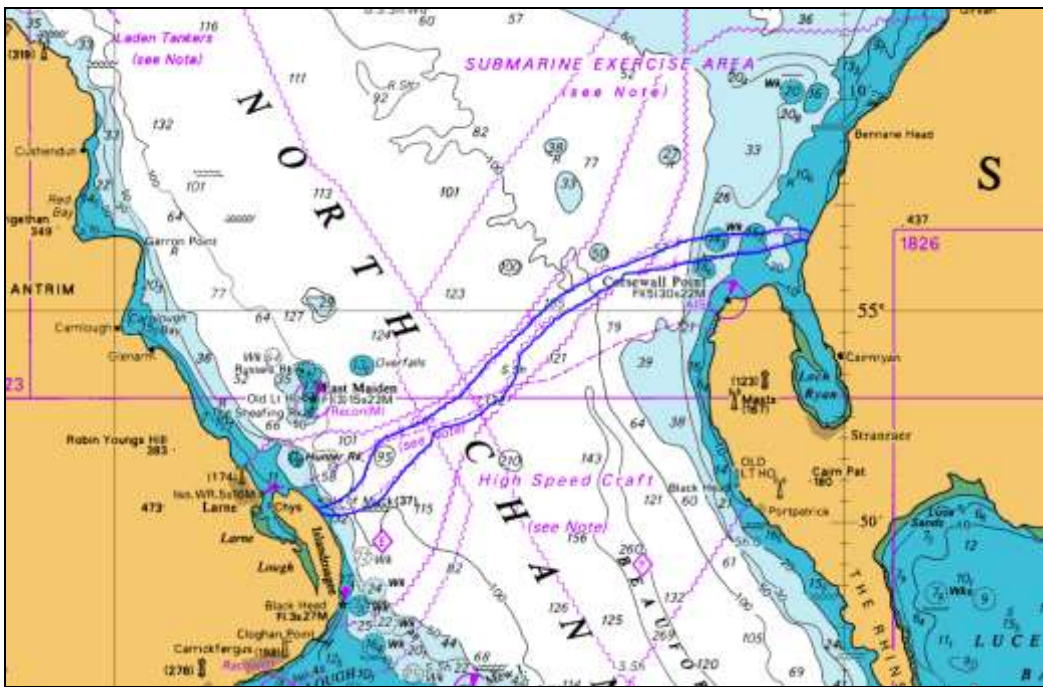
This notice provides details of the cable routes, the vessels that will be involved in cable laying operations, and the schedule for this work.

1. Project description

The Moyle Return Conductor Cables are two undersea cables running between Scotland and Northern Ireland. They are being installed parallel to the existing Moyle Interconnector North and south cables that provide a vital electricity link for Northern Ireland. The Moyle Return Conductor cables are part of a repair and maintenance operation that is intended to provide long-term security to the electricity supply of Northern Ireland.

2. Cable Route:

A map indicating the north and south cable routes is shown below.



The landfall coordinates are given in the table below. More details on the project landfalls are presented in Appendix A of this notice.

Landfall Ireland	Landfall Scotland	Approximate Route length (km)
5°43.231244 W	5°2.573132 W	53
54°50.760877 N	55°3.558638 N	

To ensure the safety of the cables and other sea users, both cables will be buried along most of their length. Rock protection shall be used where cable burial is not possible (such as at the crossings over existing cables or where the seabed is too hard for burial).

3. Vessels

The Moyle Return Conductor Cables will be surface laid and then buried using the purpose-built vessel Nexans Skagerrak. This vessel is 118.25m long, has a beam of 32m and can carry up to 7,000t of cable. More information about the vessel can be obtained from the Nexans website [here](#)¹.



During cable laying operations the vessel will be restricted in the ability to manoeuvre, and other vessels are asked to give a wide berth.

Nexans Skagerrak will display the prescribed lights and signals for underwater operations and will be monitoring VHF Channels 12 and 16.

The location of Nexans Skagerrak can be followed using AIS [here](#)².

Guard vessels

Guard vessels will be stationed as appropriate along the cable routed during installation and burial to ensure the safety of marine users. These vessels are being supplied by the Scottish Fishermen's Federation (SFF) and the National Federation of Fishermen's Organisations (NFFO).

4. Project timetable

The timetable for installation of the two Moyle Returns cables is summarised in the table below.

Activity	North Cable	South Cable
Cable laying	1 st – 12 th August 2015	18 th -26 th October 2015
Cable burial	12 th August – 29 th September 2015	27 th October – 14 th December 2015
Nearshore rock protection	12 th August – 22 nd August 2015	26 th October – 5 th November 2015
Rock protection (fall-pipe)	22 nd September – 29 th October 2015	7 th December 2015 – 13 th January 2016

¹ http://www.nexans.com/eservice/Corporate-en/navigate_191919/C_S_Nexans_Skagerrak_cable_laying_vessel.html

² <http://www.marinetraffic.com/en/ais/details/ships/shipid:305539/mmsi:257253000/vessel:NEXANS%20SKAGERRAK>

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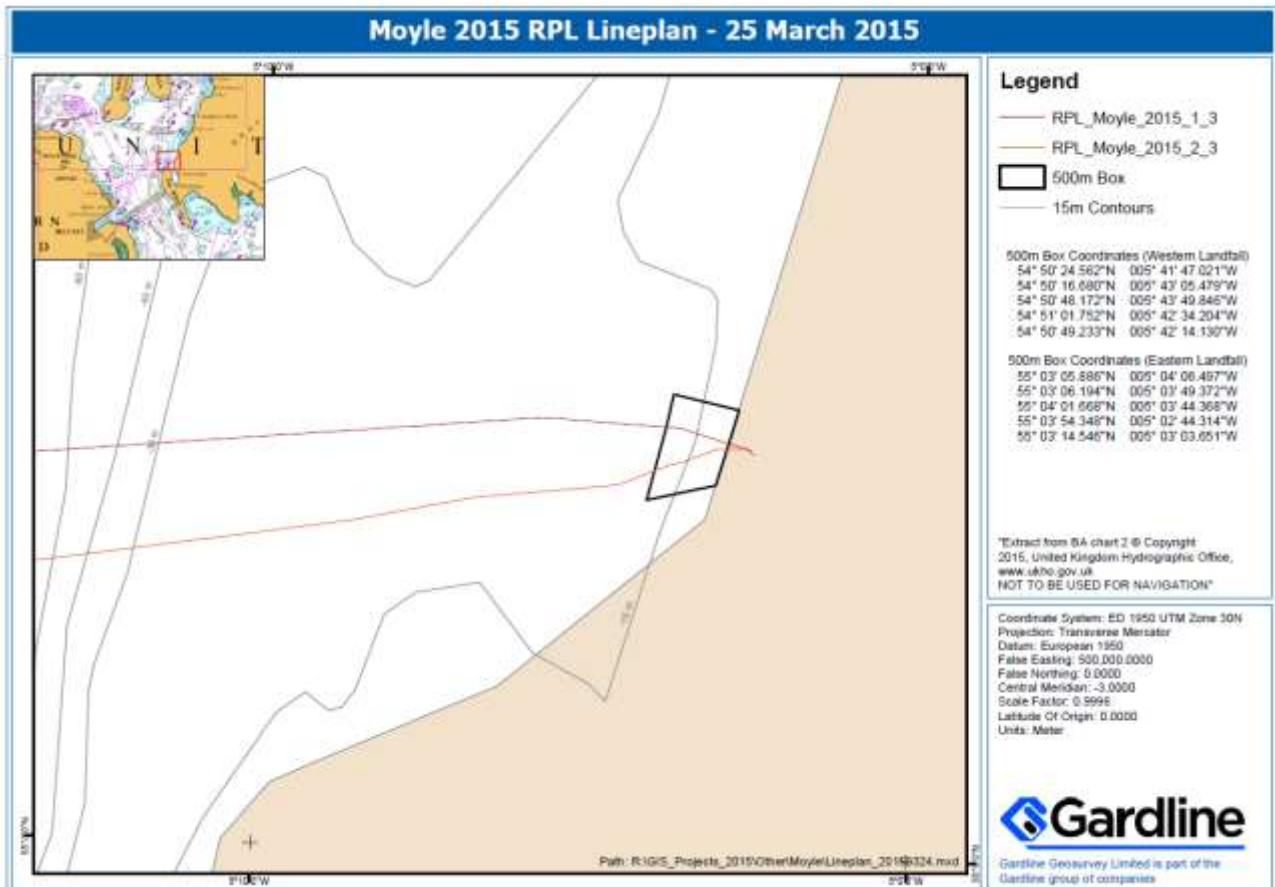
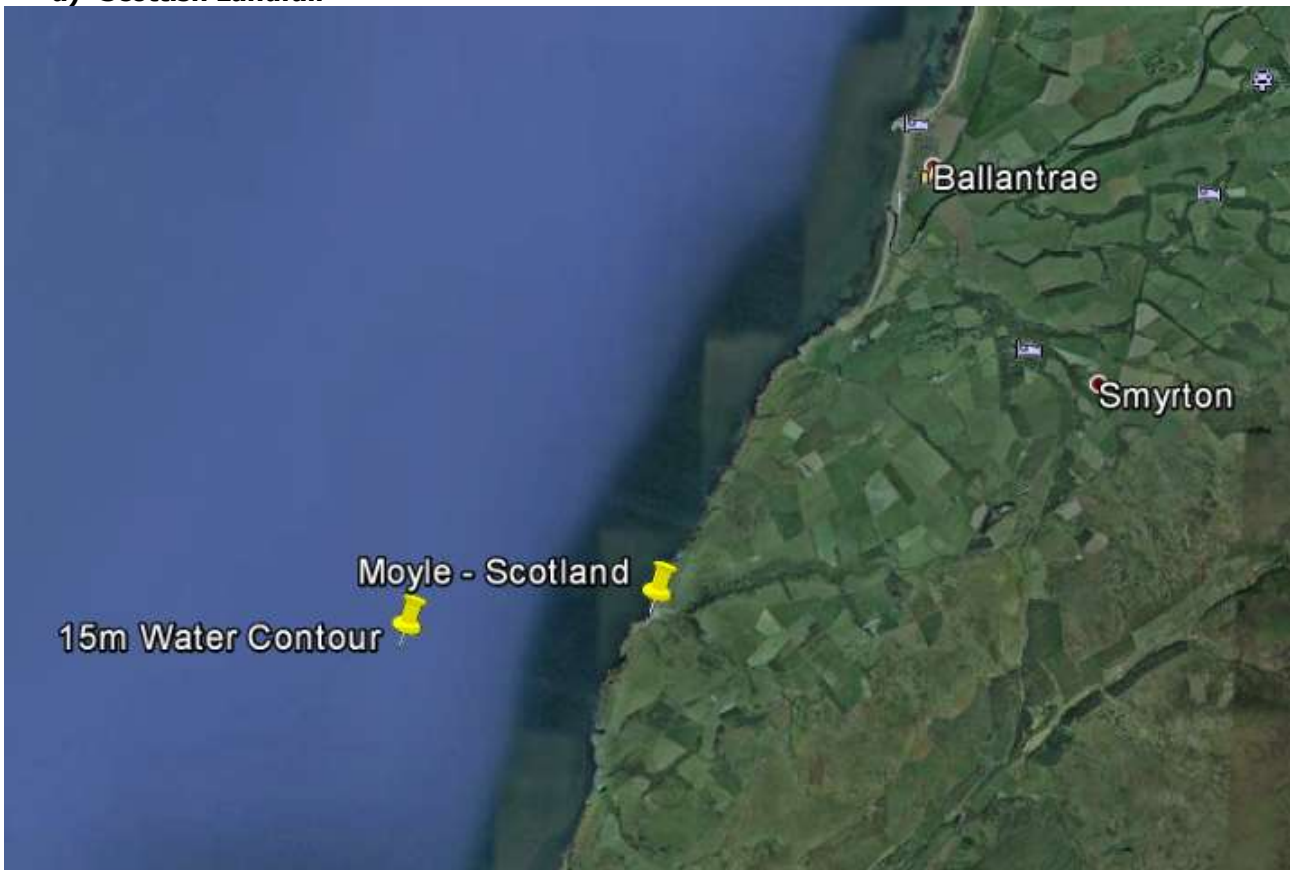
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Appendix A: Landfall details

a) Scottish Landfall



b) Irish Landfall

