

Notice to Mariners

Offshore Export Cable Routes – Cable installation Campaign OEC2 and OEC1 - October 2023

Moray West Offshore Wind Farm

Issue date	02/10/2023
Version	01
Activity	Offshore Export Cable Routes – Cable installation Campaign OEC2 and OEC1 - October 2023

Revision History

Version	Issue Date	Status	Updates
01	02/10/2023	Final	First Issue

1. Introduction

This notice to mariners is to inform that Moray Offshore Windfarm (West) Limited (Moray West) are planning to commence offshore export cable laying and trenching operations (using two separate vessels) circa 13rd October 2023.

The Moray West site is located on the Smith Bank in the Outer Moray Firth, approximately 22.5km from the Caithness coastline. The offshore wind farm site covers an area of approximately 225km². The offshore export cable routes and wind farm site is given in Figure 1:

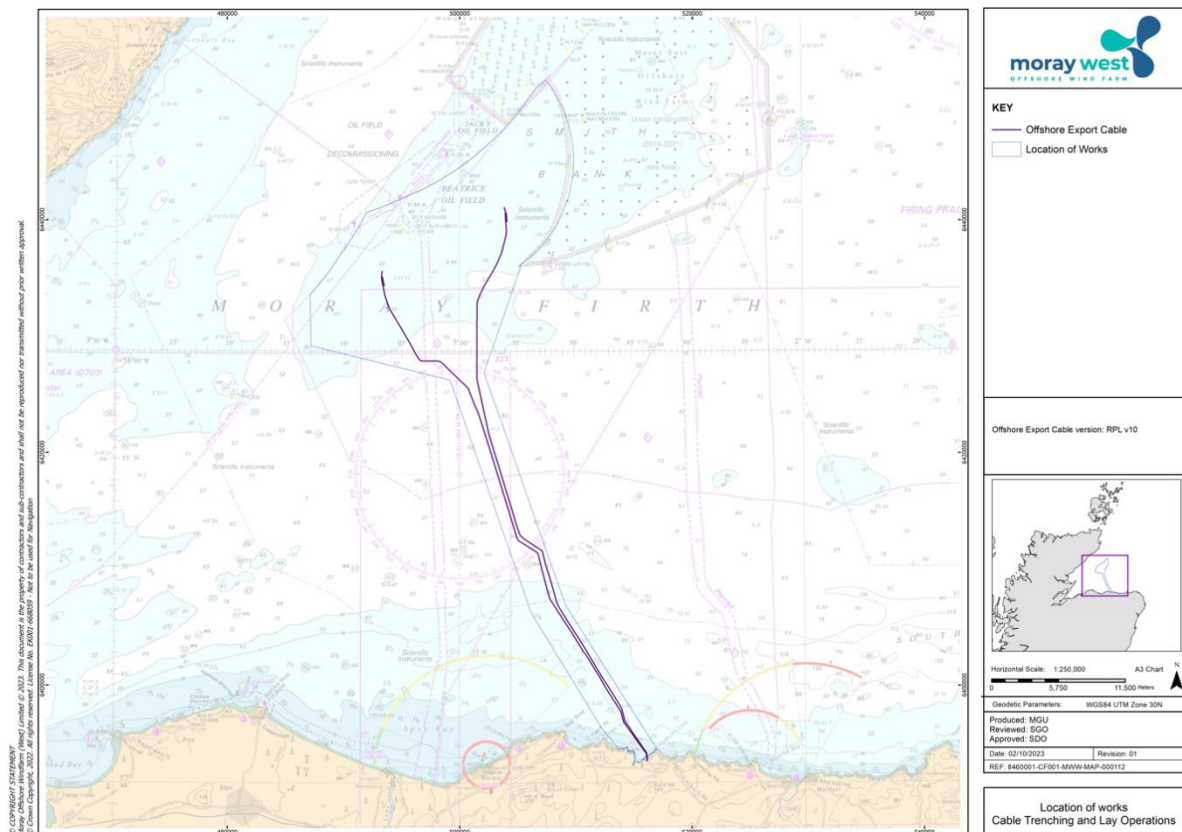


Figure 1. Moray West Wind Farm Site. Location of the cable routes for the works

The vessel works are to take place within the blue boundary shown in the figure above from landfall up to the wind farm site.

2. Offshore export cable lay and trenching works

The ‘Nexans Skagerrak’ vessel is expected to arrive on site on 13rd October 2023 to complete offshore export cable (OEC) installation works including cable pull in at landfall, cable lay, repair joint, cable wet storage on OEC2 and cable trenching works on OEC2 and OEC1. The overall duration is expected to be approximately 3 months.

The ‘Nexans Aurora’ vessel is expected to arrive on site on 1st November 2023 to complete cable installation works including cable pull in at landfall, cable lay, cable wet storage on OEC1. The overall duration is expected to be approximately 1 month.

The above durations include weather contingency, however the operations may be subject to further extension.

Both offshore export cables will be temporarily wet stored close to the offshore substation platforms until Nexans Aurora vessel returns to site in December to complete the cable pull in into offshore substation platforms. This will be subject to a separate NtM.

Any sections of the routes where the cables require remedial rock protection will be performed during a separate remedial campaign. Again, this will be subject to a separate NtM when details on remedial campaign(s) are known.

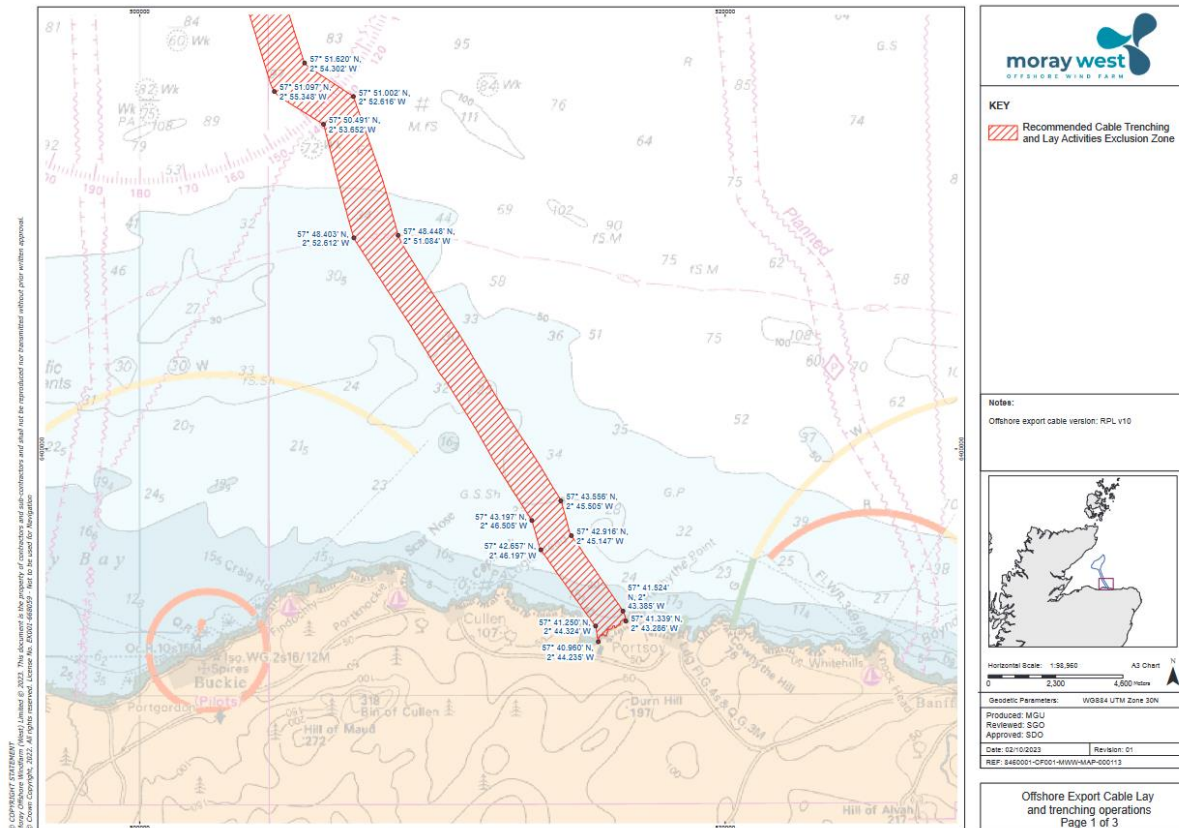


Figure 2: Lay and trenching recommended exclusion zone (Nearshore)

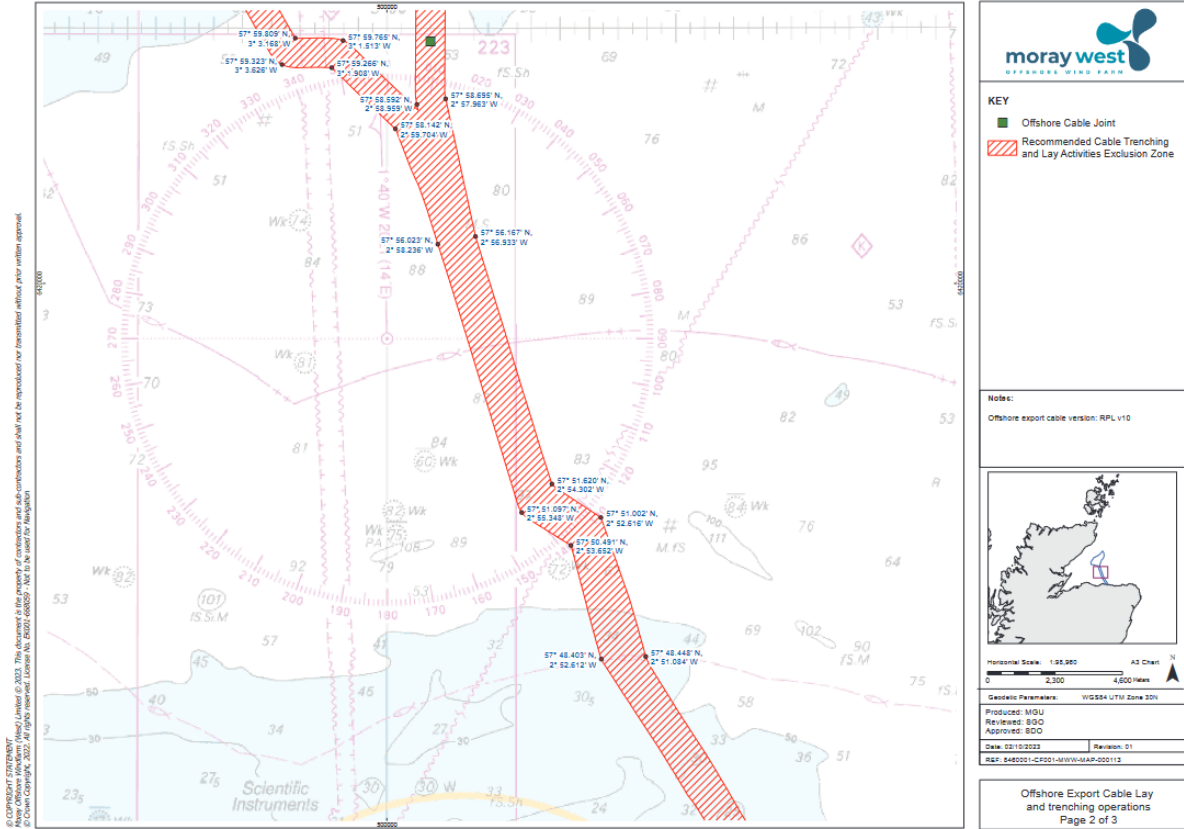


Figure 3: Lay and trenching recommended exclusion zone (Mid OEC)

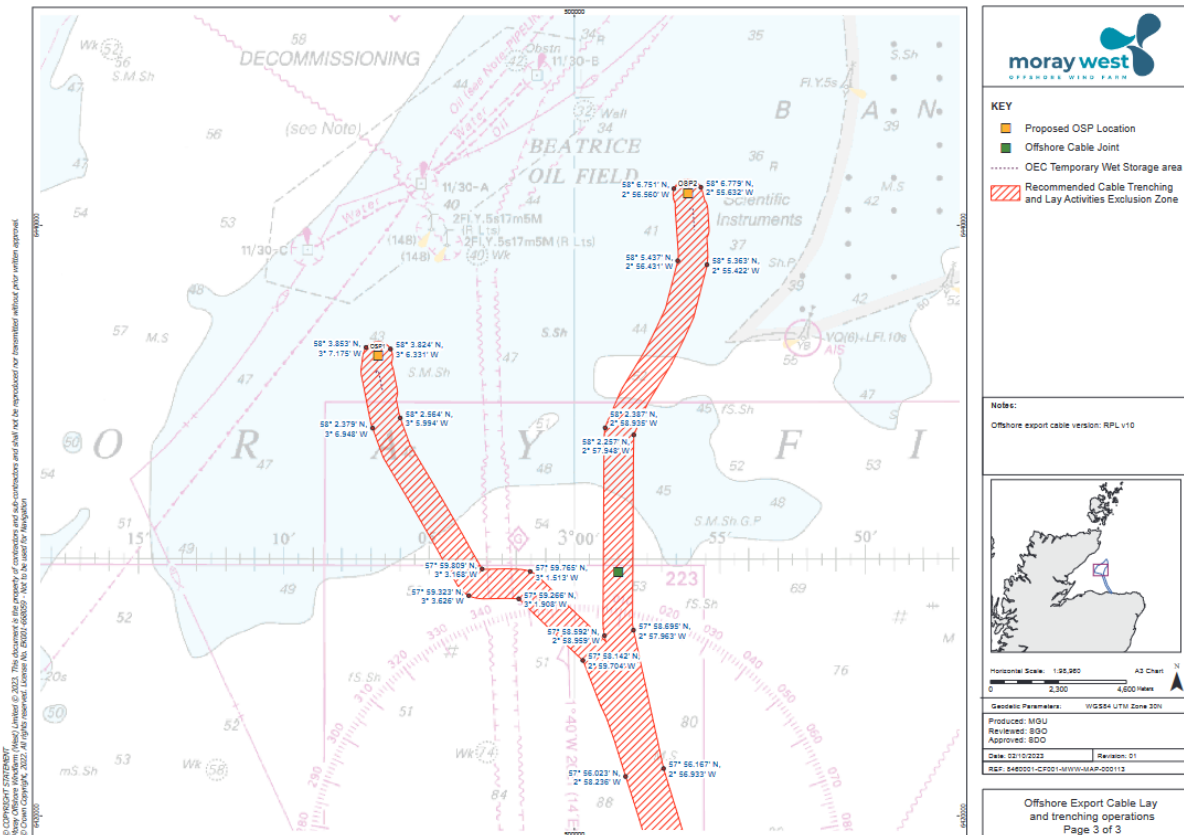


Figure 4: Lay and trenching recommended exclusion zone (OEC North and Windfarm Site)

Cable trenching and Lay activities recommended Exclusion Zone

***Note: these are provided as a reference, they do not fully define the complex shape of the proposed exclusion zone.**

The coordinates of the work site boundary are presented in the below Table 1 (these are the same as presented in Figure 2, 3 & 4 above):

Windfarm site boundary Coordinates				
Site ID	UTM30(N) Easting (m)	UTM30(N) Northing (m)	WGS84 Latitude	WGS84 Longitude
1	515668	6393410	57° 40.960' N	2° 44.235' W
2	516608	6394120	57° 41.339' N	2° 43.286' W
3	515577	6393950	57° 41.250' N	2° 44.324' W
4	516508	6394460	57° 41.524' N	2° 43.385' W
5	513708	6396550	57° 42.657' N	2° 46.197' W
6	514749	6397040	57° 42.916' N	2° 45.147' W
7	513398	6397550	57° 43.197' N	2° 46.505' W
8	514389	6398220	57° 43.556' N	2° 45.505' W
9	507318	6407200	57° 48.403' N	2° 52.612' W
10	508831	6407280	57° 48.448' N	2° 51.084' W
11	506281	6411070	57° 50.491' N	2° 53.652' W
12	507304	6412020	57° 51.002' N	2° 52.616' W
13	504602	6412190	57° 51.097' N	2° 55.348' W
14	505635	6413170	57° 51.620' N	2° 54.302' W
15	501742	6421330	57° 56.023' N	2° 58.236' W
16	503027	6421600	57° 56.167' N	2° 56.933' W
17	500291	6425260	57° 58.142' N	2° 59.704' W
18	501026	6426100	57° 58.592' N	2° 58.959' W
19	502008	6426290	57° 58.695' N	2° 57.963' W
20	498120	6427350	57° 59.266' N	3° 01.908' W
21	498509	6428270	57° 59.765' N	3° 01.513' W
22	496426	6427460	57° 59.323' N	3° 03.626' W
23	496879	6428360	57° 59.809' N	3° 03.168' W
24	493163	6433130	58° 02.379' N	3° 06.948' W
25	494102	6433470	58° 02.564' N	3° 05.994' W
26	501048	6433140	58° 02.387' N	2° 58.935' W
27	502019	6432900	58° 02.257' N	2° 57.948' W
28	492944	6435870	58° 03.853' N	3° 07.175' W
29	493774	6435810	58° 03.824' N	3° 06.331' W
30	503507	6438800	58° 05.437' N	2° 56.431' W
31	504499	6438660	58° 05.363' N	2° 55.422' W
32	503378	6441240	58° 06.751' N	2° 56.560' W
33	504289	6441290	58° 06.779' N	2° 55.632' W

Table 1. Coordinates of proposed cable lay and trenching works recommended exclusion zone

3. General Safety Advice

Please be aware that, during the Cable lay and trenching work activities, by virtue of its mode of operation the ‘Nexans Skagerrak’ and ‘Nexans Aurora’ vessels will be Restricted in their Ability to Manoeuvre (RAM) and will also display appropriate day shapes while conducting Cable lay and trenching operations are taking place as defined under COLREGs (International Regulations for Preventing Collisions at Sea 1972, Rule 3).

Masters of approaching vessels are therefore requested to maintain their vessels and gears at a minimum safe passing distance from the vessel of 500 metres when it is undertaking work and showing the appropriate shapes and lights in accordance with COLREGs Rule 27 to not compromise the safety of the ‘Nexans Skagerrak’ and ‘Nexans Aurora’ and their crew, and the ability to undertake its contracted works.

4. Vessel Information

The offshore export cable installation operations will be completed by the cable lay vessels ‘Nexans Skagerrak’ and ‘Nexans Aurora’. Details are provided in table 2 and table 3 respectively below.

Vessel Name	CLV Nexans Skagerrak
MMSI Number	7619458 / 257253000
Operating Company	Nexans Norway / OSM Offshore
Vessel Call Sign	LCEK3
Vessel Phone Number	+47 23 674 602
Vessel Email Address	master@nexans-skagerrak.osm.no

Table 2. Vessel ‘Nexans Skagerrak’ General Information



Figure 5. ‘Nexans Skagerrak’ – photo of the vessel

Vessel Name	CLV Nexans Aurora
MMSI Number	9862059 / 257682000
Operating Company	Nexans Norway / OSM Offshore
Vessel Call Sign	LALC8
Vessel Phone Number	+47 23 411 094
Vessel Email Address	master@nexans-aurora.osm.no

Table 3. Vessel 'Nexans Aurora' General Information



Figure 6. 'Nexans Aurora' – photo of the vessel

5. Developer Contacts Details

Enquiries regarding the contents of this Notice to Mariners should be directed to Moray West team (contact details below).

For fisheries related matters, please contact the Fishery Manager, using the contact details provided below:

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Moray East Marine Coordination

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