



Gwynt y Mor Offshore Wind Farm

Preliminary Notice To Mariners

XXXX(P)/2011 Wales – North Coast – Liverpool Bay to Abergele. Gwynt y Mor Offshore Wind Farm. Construction Works and Subsea Power Cables.

Source: RWE npower Renewables

1 – Gwynt y Mor Offshore Wind Farm is currently being developed in the Liverpool Bay area. The area is approx 7.5 nautical miles from North Wales coast, stretching from Prestatyn to Colwyn Bay. The development consists of installing 160 monopiles and transition pieces, followed by a wind turbine generator (WTG) installed onto each transition piece. Subsea power cables will connect each turbine. There will be 2 Offshore Substations installed within the boundaries of the Wind Farm. There will then be 2 subsea power cables leading from each of the Offshore Substations to the shore in the vicinity of Abergele beach.

2 – The following coordinates define the boundary of the Wind Farm area. These coordinates are in the form of 5 Cardinal marks, 3 Special marks and 1 Lateral mark. These buoys are expected to be installed in mid July 2011. All buoy positions are approximate and provided by Trinity House. All will be confirmed by a Notice To Mariners when installed by Trinity House.

A red can lighted buoy (FL R 2.5s) in position 53 deg 24.90N, 003 deg 37.08W.

A yellow special mark (pillar shape) buoy with yellow X topmark (FL Y 2.5s) in position 53 deg 25.87N, 003 deg 39.60W.

A west cardinal buoy exhibiting a white VQ (9) 10s in position 53 deg 26.832N, 003 deg 42.129W.

A west cardinal buoy exhibiting a white Q (9) 15s in position 53 deg 28.303N, 003 deg 40.772W.

A north cardinal buoy exhibiting a white Q light in position 53 deg 29.670N, 003 deg 36.857W.

A north cardinal buoy exhibiting a white VQ light in position 53 deg 29.735N, 003 deg 31.710W.

A yellow special mark (pillar shape) buoy with yellow X topmark (FL Y 2.5s) in position 53 deg 28.390N, 003 deg 29.340W.

An east cardinal buoy exhibiting a white VQ(3) 5s light in position 53deg 27.130N, 003deg 27.078W.

A yellow special mark (pillar shape) buoy with yellow X topmark (FL Y 2.5s) in position 53 deg 26.015N, 003 deg 32.080W.

3 – The following coordinates define the route of the cables which will lead from the 2 Offshore Substations to the landfall in the vicinity of Abergele beach. It is requested that Mariners give at least 1000m clearance of these coordinates when cable installation is being carried out on location as the installation vessel will be limited in manoeuvrability when conducting works.

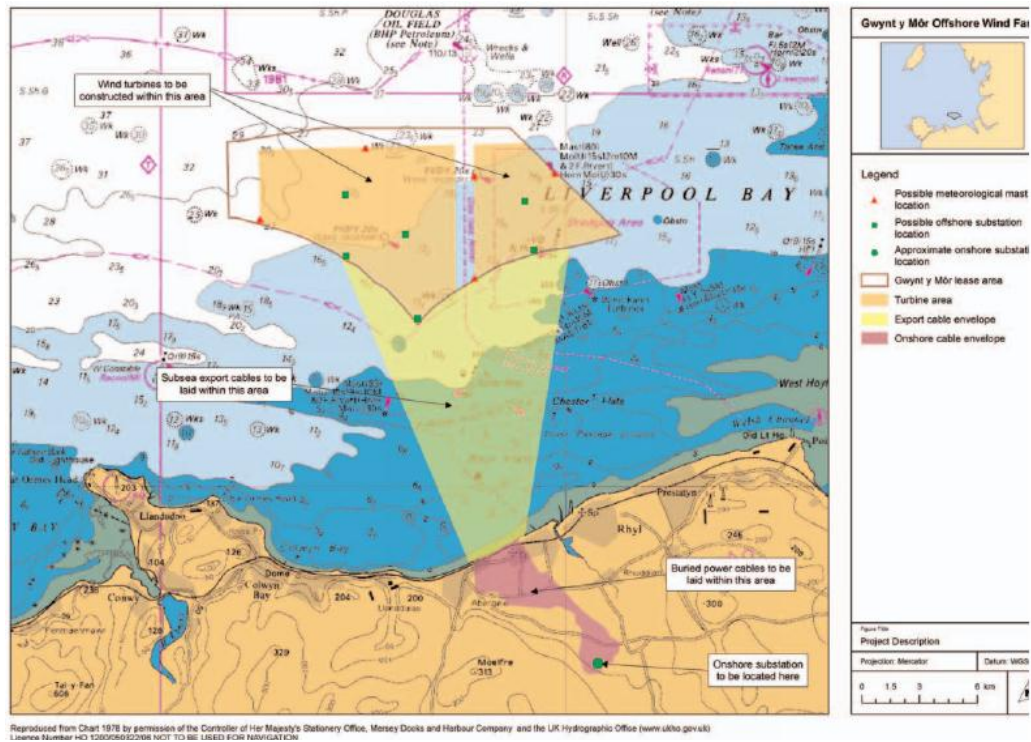
Proposed Cable Route East:

53 deg 27' 56.39" N , 003 deg 32' 26.42" W
53 deg 26' 25.32" N , 003 deg 33' 52.53" W
53 deg 26' 00.00" N , 003 deg 33' 27.78" W
53 deg 24' 49.14" N , 003 deg 33' 50.64" W
53 deg 23' 45.29" N , 003 deg 35' 25.99" W
53 deg 23' 24.47" N , 003 deg 35' 25.70" W
53 deg 22' 50.96" N , 003 deg 35' 25.24" W
53 deg 20' 19.19" N , 003 deg 35' 54.57" W
53 deg 20' 03.10" N , 003 deg 36' 33.06" W
53 deg 19' 49.20" N , 003 deg 37' 06.31" W
53 deg 18' 08.99" N , 003 deg 35' 15.36" W
53 deg 17' 54.78" N , 003 deg 34' 21.70" W

Proposed Cable Route West:

53 deg 26' 14.10" N , 003 deg 37' 25.86" W
 53 deg 26' 03.99" N , 003 deg 37' 35.37" W
 53 deg 24' 32.63" N , 003 deg 36' 04.57" W
 53 deg 23' 45.28" N , 003 deg 35' 39.45" W
 53 deg 23' 25.39" N , 003 deg 35' 39.18" W
 53 deg 22' 51.92" N , 003 deg 35' 38.78" W
 53 deg 20' 23.77" N , 003 deg 36' 07.31" W
 53 deg 20' 09.87" N , 003 deg 36' 40.55" W
 53 deg 19' 51.32" N , 003 deg 37' 24.85" W
 53 deg 18' 04.01" N , 003 deg 35' 26.01" W
 53 deg 17' 54.78" N , 003 deg 34' 21.70" W

Wind Farm Construction Location below:



All British Admiralty Charts will updated when the works are complete – circa 2014.

Chart(s) affected – XXXX – XXXX – XXXX – XXXX (To be inserted bu UKHO)