

Dominion Energy CVOW Pilot Project

Foundation Installation LNTM

May 19, 2020

The following information is requested to assist in issuing appropriate Coast Guard Notices to Mariners:

A. START AND STOP DATES:

Costal Virginia Offshore Wind (CVOW) Pilot project will start construction of wind turbine foundation installation at the offshore wind farm construction site approximately ~25 nautical miles east of Cape Henry.

The Jack up crane vessel VOLE AU VENT will start the installation of the first mono pile and the wind turbine transition piece and thereafter relocate to the next position and repeat the installation of the second Foundation and Transition piece

The installation of the foundation at the first position A02 are planned to start May 24, 2020 - and will continue at position A01. The installation will continue until May 29, 2020 - weather permitting.

B. WATERWAY: GEOGRAPHIC LOCATION and LAT/LONG:

The VOLE AU VENT Jack Up crane vessel will install the foundations at the following two locations on the offshore construction site.

The two positions for the wind turbine foundation installations: (WGS 84 Decimal degrees).

A01: 36.896293 North – 75.491635 West

A02: 36.886829 North – 75.491575 West

C. SCOPE/NATURE OF THE PROJECT (dredging/marine construction, diving/surveying, shoreline restoration, bridge-related):

The Coastal Virginia Offshore Wind (CVOW) Pilot Project is being developed by Virginia Electric and Power Company, d/b/a Dominion Energy Virginia (Dominion) on behalf of the Virginia Department of Mines, Minerals, and Energy (DMME). Orsted is the EPC contractor for the construction of the windfarm.

D. MARINE CONTRACTOR/COMPANY PERFORMING WORK:

Jan De Nul Group will install the foundations on behalf of Orsted

E. MARINE EQUIPMENT TO BE USED, THE TYPE, NAMES/NUMBERS & DIMENSIONS (barges, dredges, pipeline, support):

The Jack-Up crane installation vessel VOLE AU VENT will install the turbine foundations at the two locations.

Length: 462' Beam: 135' GRT: 18886

F. HOW MARINE EQUIPMENT WILL BE MARKED AND LIGHTED DURING REDUCED VISIBILITY/DARKNESS

N/A

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- G. HOW MARINE EQUIPMENT WILL BE MOORED ON SITE (anchored, spudded, moored to buoy, moored to bridge or other structure)

The foundations consist of an app 180' long and app 25' diameter and 5 inches thick steel pipe with the weight of 800 tons. The steel pipe monopile will be driven into the seabed.

Bolted on the foundation steel pipe top is a yellow steel structure with a platform The Yellow steel structure is the interfaces for cables and the wind turbine generator to be installed later.

The yellow transition piece is app 75' tall and have ID signs CV A01 and CV A02 respectively for the two positions. The conspicuous yellow transition piece will be lit with a temporary amber fl. 4s until the permanent PATONS on the towers are commissioned.

- H. NAMES OF ATTENDING VESSELS ON SCENE (tugs/pusher boats, dive/crew boats): *The 240' Offshore Supply Vessel M/V COMMANDER will support the foundation installation keeping station in near proximity of the VOLE AU VENT during the foundation installation.*

The M/V COMMANDER will install a bubble curtain hose on the seabed surrounding the VOLE AU VENT. During the foundation installation M/V Commander will pump and induce compressed air to the bubble curtain for dampening of the noise dissipation in the water column.

During the foundation installation the 100' utility vessel MEGAN T. MILLER will survey the construction site to detect marine mammals, marine life and monitor noise.

- I. COMMUNICATIONS TO BE USED ON SCENE, SUCH AS MARINE BAND

All vessel on the site will monitor VHF channel 16 during the operation.

- J. RADIO (VHF-FM), THE FREQUENCIES MONITORED, AND CALL SIGN:

Call sign: VOLE AU VENT - LXVT

VOLE AU VENT will monitor VHF 16 during the installation of the two wind turbine foundations.

- I. MARKERS/SIGNAGE EXPECTED ON SCENE, PERMITTED BY OTHER AGENCIES (buoys/pilings used for marking or warning purposes):

Mariners transiting or fishing near the offshore construction site area are requested to give a wide berth to VOLE AU VENT and associated vessels as they by the nature of the operation can't manoeuvre while jacked up and connected to gear and tackle on the seabed.

Mariners should operate in a manner that will not endanger the vessels - a minimum of 1.0 NM clearance is requested not to interfere with ongoing installation and survey activities .

- K. PROJECT SUPERVISOR NAME, TITLE AND 24-HR CONTACT NUMBER:

Capt. Peder Rosenberg Pedersen

Orsted CVOW project

Offshore Operations Manager

PEDPE@Orsted.dk

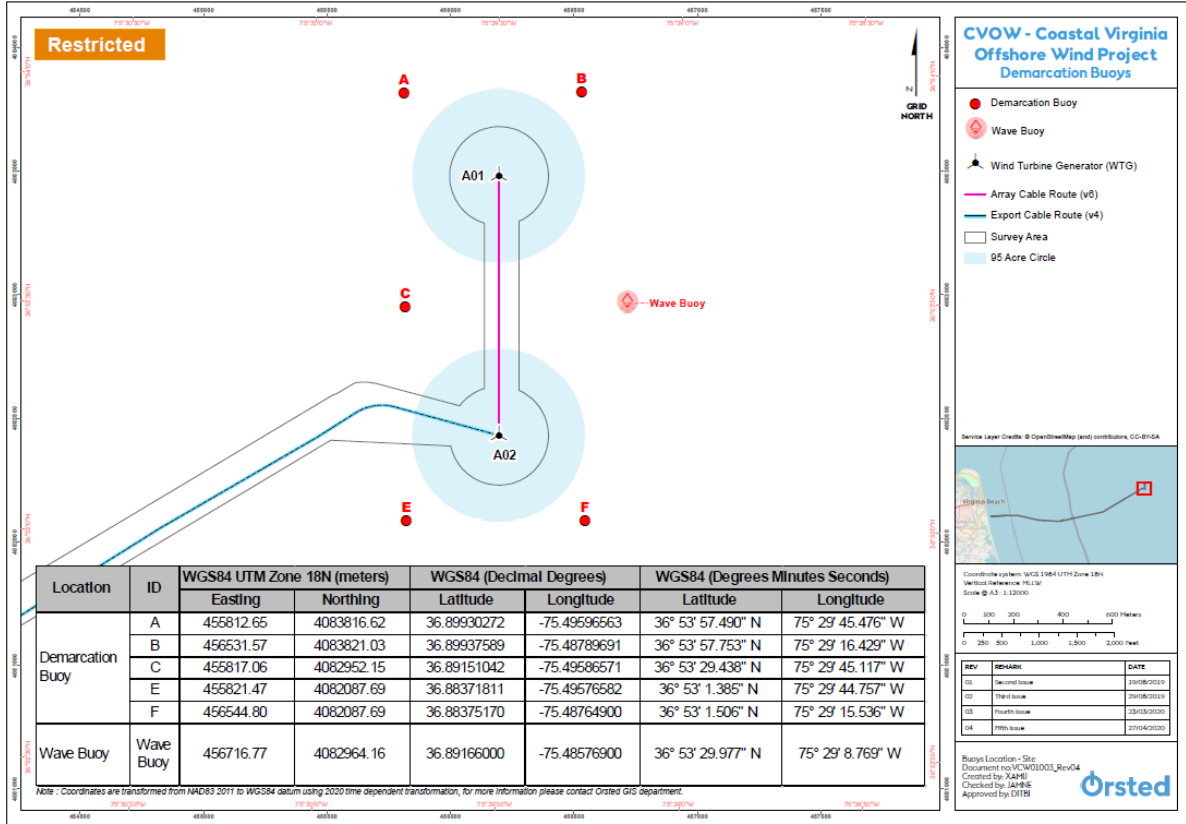
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CVOW Offshore construction site overview



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VOLE AU VENT



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Utility Vessel MEGAN T. MILLER



DP2 vessel M/V COMMANDER



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Rendering of Transition Piece at position A01/A02.

