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|---------|---|------------------|
| Subject | Neart na Gaoithe Offshore Wind Limited (NnGOWL) Transmission Marine Licence Variation Request - MS-00009466 |                  |
| To      | Marine Scotland Operations and Licensing Team (MS-LOT)  |                  |
| Cc      | David Sweenie (NnGOWL); Sarah MacNab (Poseidon)   |                  |
| From    | Claire Gilchrist (NnGOWL)   | Date 22 APR 2022 |

## 1 Introduction

Neart na Gaoithe Offshore Wind Limited (NnGOWL) is currently planning for the installation of the two offshore substation (OSS) jackets in mid-May 2022.

This note has been prepared for issue to the Marine Scotland Licensing Operations Team (MS-LOT) to support a request to vary the total volume of grout deposit stated on the NnG Transmission Marine Licence.

Based on the small increase requested and given that the grout is deposited directly between the pile and jacket leg, the activity is not considered to have potential to cause harm to the environment, human health or to interfere with other uses of the sea, and this is considered by NnGOWL to be a non-material variation.

## 2 Requirement for Variation

As part of the installation campaign, a small amount of grout is deposited in the annulus between the jacket leg and the pile. The purpose of this grout is to establish a reliable connection between the piles drilled into the seabed and the jacket mounted on top of the piles.

A total licensed volume of grout deposits of 650m<sup>3</sup> is permitted under the NnG Transmission Marine Licence (MS-00009466); however, this was exceeded in early 2022 following unexpected top-up grouting at both OSS pile locations. As such, grouting activity required for the jacket installation campaign at the OSS North and South locations would lead to a further exceedance. The method in which the jacket installation and the grouting involved has been previously agreed and there is no change in the previously agreed method.

### 2.1.1 Variation Request

The NnGOWL Transmission Marine Licence allows for the permanent deposit of 650m<sup>3</sup> grout. It is required that this amount is increased to 850m<sup>3</sup> to cover the additional grout deposited during the top-up activities earlier this year, and the amount of grout needed for the jacket installation campaign, as per Table 1 below.

The two OSS locations are shown in Figure 1.

*Table 1 Grout volumes utilised/require*

| DESCRIPTION  | VOLUME (m3) |
|--|-------------|
| Licensed Grout Volume (MS-00009466)                        | 650         |
| Top-up grouting activity (completed January 2022)          | 65.8        |
| OSS North and South jacket grouting (planned mid-May 2022) | 135         |
| Total  | 850.8       |
| <b>Requested updated licenced grout volume</b>             | <b>850</b>  |

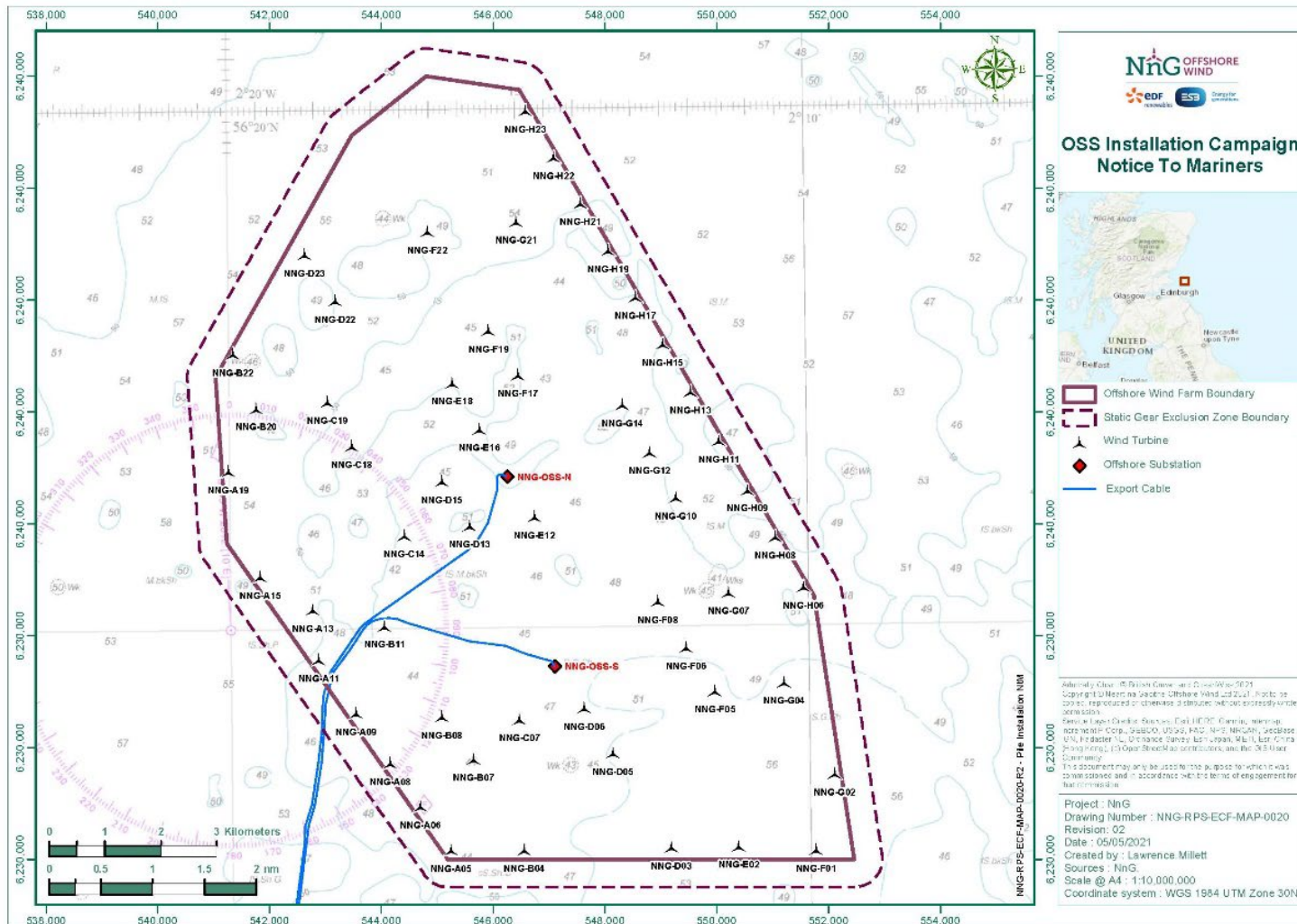


Figure 1 – OSS Installation Locations