

# Global Energy Nigg Limited

## Dredging Method Statement

### Introduction:

This method statement relates to a dredging licence application submitted to Marine Scotland under the Marine Act Scotland. The licence application relates to maintenance dredging works removing a quantity of 90,000 wet tonnes from the berths and approaches at Nigg, and a further 50,000 wet tonnes from the inner dock including clearance of the dock sill. Works are to take place over a period of 3 years from the licence issue date.

### Methods of dredging:

- i) Agitation dredging – use to clear the dock sill by means of water or air driven lifting equipment.
- ii) Suction hopper dredging – utilising a suction hopper dredger with bottom doors to deposit material on the licenced disposal site.
- iii) Hopper grab dredger – utilised to remove material by grab and to deposit same via bottom opening doors on to the licenced disposal site.
- iv) Back hoe and barges – removal of material via excavator and depositing into barges with bottom opening doors on to the licenced disposal site.
- v) Bed levelling (ploughing) – moving material in the local area to gain a level sea bed.
- vi) Where sea-bed remediation is required – Rock dumping to infill indentations to the sea bed will be utilised were it is not possible to back fill the indentations using dredging.

### Mammal protection:

To ensure there is minimum disturbance to mammals in or around the deposit site a trained Marine mammal Observer will be employed on the vessels.

Where special controls are adopted for the protection of fish / salmon, any restrictions will be detailed within the marine licence conditions.

Throughout the dredging operations care will be taken to minimise disturbance to both marine mammals and fish.

### Shipping Movements:

Shipping will be advised of dredging in the area through the Port Control operated by the Cromarty Firth Port Authority as the statutory port authority for the Cromarty Firth. A notice to mariners will be published prior to dredging operations being commenced.

**Transport Plan:**

The dredger will, where possible, follow the route as specified in the Transport Plan, ensuring at all times that he maintains safe navigation.

**Responsibilities and safe working:**

Throughout the dredging operations safe working practices and good environmental practice will be followed. The Master of the dredger or the person in charge of the operations will be responsible to the licence holder to ensure the terms of the disposal licence are fully complied with.

Should a breach of the licence requirements been ascertained work must immediately stop and the fault be rectified.