

REPORT

Outline Method Statement

Colintraive

Client: CMAL

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Status: S5/P01

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Project related



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1 Outline Marine Method Statement

1.1 Project Title: Colintraive Shore Power Works

1.1.1 Project Overview

1.1.1.1 Description of Works

- Dredging works to establish required under keel clearance for new vessel.
- Installation of shore power charging arm and associated cabling and cable management systems, to provide charging point for new all electric ferry.

1.1.2 Location and Coordinates

Site Address: Colintraive Ferry Terminal, Colintraive, PA22 3AP

Coordinates (WGS84):

Point	Easting	Northing
1	005° 9.245' W	55° 55.405' N
2	005° 9.213' W	55° 55.408' N
3	005° 9.17' W	55° 55.412' N
4	005° 9.17' W	55° 55.395' N
5	005° 9.169' W	55° 55.389' N
6	005° 9.188' W	55° 55.377' N
7	005° 9.212' W	55° 55.374' N
8	005° 9.221' W	55° 55.368' N
9	005° 9.246' W	55° 55.369' N

1.1.3 Tidal Considerations

- Reference Levels: Works are situated below mean high water springs (MHWS)
- Working Window: No tidal restriction to works is expected

1.2 Operational Methodology

This document serves as an outline only; the detailed method statement will be developed by the contractor.

1.2.1 Site Access & Setup

- Land Access: If required plant will access the foreshore at low tide via the secondary slipway at Colintraive.
- Marine Access: Via Kyles of Bute
- Compound: A secure compound will be established within the existing marshalling area for material storage.

1.2.2 List of Plant & Equipment

The following plant is expected to be used during the works. This list is not exhaustive.

Plant

- Work boat with davit crane
- Rescue boat
- Backhoe dredger + pontoon
- Hopper barge

Exact plant type and models are unknown at this stage.

Equipment

- Rotary percussion drills
- Angle grinders
- Battery drill/drivers
- Hand tools

1.3 Sequence of Works

- Mobilisation: Site fencing erected and welfare units established.
- Activity A: Dredging to front of main slipway and approach
 - Initial bathymetry survey to establish existing seabed levels using work boat and survey equipment.
 - Pontoon with backhoe dredger will position itself in front of the slipway and load barge with dredge material for disposal.
 - Final bathymetry survey to establish post dredge seabed levels using work boat and survey equipment.
- Activity B: Installation of cable management system/cabling from shore to corner dolphin. This will include removal of existing handrails and installation of new handrails for attaching cable ladders and cables.
 - Activity B is likely to be mainly carried out from the dolphins and walkways, though some portion of the work may be carried out from a work boat, working within the shore side of the aligning structures.
- Activity C: installation of maintenance and access platforms to corner dolphin
 - Activity C is likely to be mainly carried out from the structure, with a work boat required to install the maintenance platform which cantilevers of the edge of the dolphin.
- Activity D: Installation of new shore power arm
 - Activity D will be carried out from a work boat.
- Demobilisation: Removal of all waste, plant, and temporary works.

Environmental Management

All works are to be executed in accordance with industry best practices and relevant statutory regulations. The Contractor shall develop and submit an Environmental Management Plan (EMP) prior to the commencement of works. As a minimum, this plan must explicitly address specific control measures for:

- Pollution Prevention: Strategies to prevent soil, water and air contamination.

- Waste Management: Protocols for the segregation, storage, and disposal of site waste.
- Noise Control: Mitigation strategies to minimise noise and vibration impact on the surrounding area.
- Biosecurity: Protocols to avoid the transfer of marine invasive non-native species.

Programme & Timing

- Duration: Estimated start and end dates: June '26 - June '27
- Working Hours: Assumed normal working hours Monday to Friday
- Tidal Restrictions: No tidal restrictions are envisaged for the works