

GRUTNESS

HARBOUR IMPROVEMENT WORKS

The Project

Shetland Islands Council SIC is progressing the Fair Isle Ferry Replacement Project ('the Project') to replace the existing vessel, which is approaching the end of its life and does not meet modern standards, together with ferry infrastructure at both berthing sites at North Haven, Fair Isle and at Grutness, Sumburgh Head.

The details of the works required at Grutness are described below:

- An extension to the existing pier (sheet piled structure) and rock armour protection in a 'dog-leg' shape to provide shelter for a new linkspan structure (steel deck with concrete supports and bankseat) that will be used by the new Ro-Ro vessel;
- An increase to the height of the existing rock armour to the north of the pier to reduce the frequency and severity of swell overtopping during storm events;
- Dredging to provide a sufficient water depth for new vessel around the proposed pier extension and linkspan; and
- Improved marshalling facilities.

The new ferry should be operational by April 2026.



**Shetland
Islands
Council**



Proposed Works Programme

2023 – Ground Investigations (GI)

Mid-February - Terrestrial borehole work (1 borehole). The GI work will then move to Fair Isle to complete works on the Island before returning to Grutness to start on the marine borehole work in late April / early May, taking approximately 4 weeks.

The Marine Works Licenses are in place and notifications prior to the works will be undertaken.

2024-2025 – The Main Construction Works

The construction process is expected to take place over two summer seasons due to the weather restrictions during winter months:

- Contractor mobilising – February / March 2024;
- Construction Phase 1 (pier extension) – April-October 2024; and
- Construction Phase 2 (linkspan installation) – April-September 2025.

Get in touch with The Project Team

We welcome any comments and queries, please email us at :

FairIsleFerryProject@shetland.gov.uk

There is also a project website which we will keep up to date with project news and progress.

www.shetland.gov.uk/fair-isle-ferry-replacement

Formal feedback on the proposals should be left at the public consultation events or by post or email to the project team by 15th January 2023.



Consent Process

As the works are significantly less than the works required on Fair Isle, and they are not likely to result in significant environmental effects, the project therefore does not constitute an Environmental Impact Assessment (EIA) Development. This has been confirmed through the Environmental Screening Opinion Process.

Technical studies (non-EIA) and other supporting documents will be submitted in support of the consent applications to explain how relevant design principles and mitigation measures have been applied to ensure the avoidance of any likely significant adverse effects:

- Ecological Appraisal Report (incorporating Baseline Ecological Surveys);
- Habitats Regulation Assessment (HRA);
- Construction Environmental Management Plan (CEMP);

We are hoping to submit the applications in March 2023 and we will hold 2 public consultation events:

- 5th December 2022
- TBC – hopefully February 2023



Red Line Boundary -
max area 1.98 ha

Construction of extension to
existing pier, approx. 75m in length.
Length and orientation to be
confirmed during detailed design.

Indicative area of dredging shown to suit new
vessel, anticipated maximum depth of
dredged area is 4.0m below Chart Datum.
Area shown in approx. 10,500m², volume of
material to be dredged to be confirmed

Proposed new ferry -
(max 24m length)

Installation of new
'Type A' linkspan and
support structure

