

FAIR ISLE

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. To enable this, the project also requires improvements to be made to ferry infrastructure at both berthing sites at North Haven, Fair Isle and at Grutness, Sumburgh Head.

The details of the works required at Fair Isle are described below:

- A new quay structure will be formed between the northern end of the existing quay and the existing breakwater;
- A new linkspan to facilitate the new roll on – roll off (Ro-Ro) vessel;
- The existing breakwater is to be increased in size and height to provide greater shelter to the new quay structure and linkspan berth;
- Dredging to provide a sufficient water depth for the new vessel around the proposed pier extension and linkspan;
- Repairs and re-fendering of existing finger pier, aligning structure to accommodate new vessel;
- Replacement of the existing cradle, noust, slipway and winch to accommodate the increased size of the new vessel; and
- New lighting will extend along the rear of the extended quay to the north of the existing quay.

The new ferry should be operational by April 2026.



Proposed Works Programme

2023 – Ground Investigations

End of February - Terrestrial borehole work (2 boreholes), expected to take approximately 2 weeks. Following completion of the terrestrial boreholes work will start on the marine boreholes, this work will take approximately 4 weeks.

The Marine Works Licenses are in place and notifications prior to the works happening 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:

- North Haven Construction Phase 1 (Noust slipway, cradle and pier) – February to September 2024 (approximately 8 months); and
- North Haven Construction Phase 2 (Breakwater and Linkspan) – March to September 2025 (approximately 7 months).

Get in touch with The Project Team

We welcome any comments and queries - please email us at: FairIsleFerryProject@shetland.gov.uk

The project website will be kept 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

The project team is currently preparing the Environmental Statement to accompany the consent applications to both Shetland Island Council (for terrestrial elements) and Marine Scotland (for the Marine elements). The environmental assessment will include:

- Ecology
- Heritage
- Landscape and Visual
- Climate Change; and
- Socio Economics.

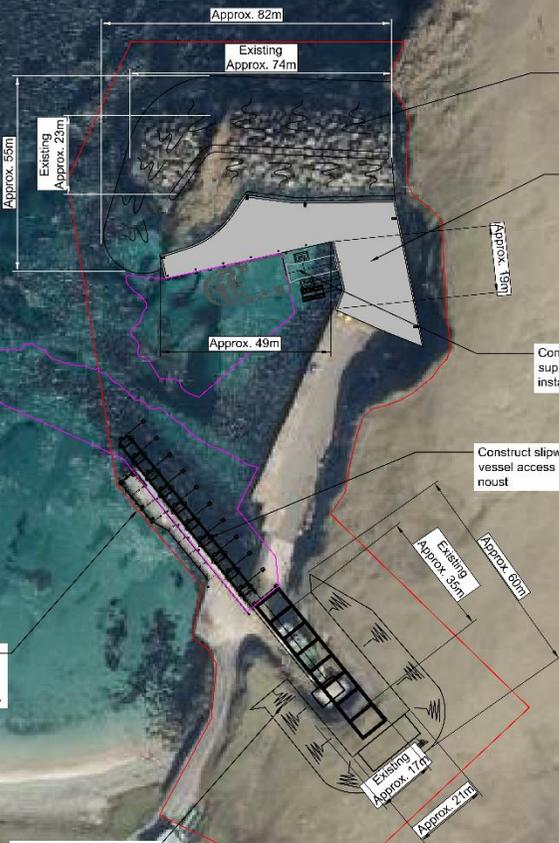
In addition to the Environmental Statement we are also preparing a Habitats Regulation Assessment, Outline Design Plans, draft Construction Environmental Management Plan and a Biosecurity Plan.

A number of ecology, landscape assessment, heritage and other field surveys were undertaken during July 2022 and we are gathering desk based information from a number of consultees. We always welcome any comments and information that might help our assessments.

We are hoping to submit the applications in March 2023 and we will hold two public consultation events in advance of this:

- 5th December 2022
- TBC – hopefully February 2023





Potential dredging of navigational areas to facilitate the new, larger, Ro-Ro vessel

Repair existing finger pier. Existing pier is within Harbour Authority area, therefore will not require consents for repair works.

Increase the size of the noust for the new vessel and construct new winch-house and cradle

Modification of the existing breakwater to provide increased shelter to the berth. Increase length by approx. 8m and width by approx. 10m with 20m dog-leg on western end. Crest of breakwater to be raised by approx. 1m and moved north as breakwater is widened.

Extend the existing quay to the north by approx. 32m to allow for the installation of a linkspan and extend west by approx. 49m.

Construct a new linkspan support structure and install new linkspan

Construct slipway for vessel access to modified noust

Approx. 60m

Existing Approx. 35m

Existing Approx. 17m

Approx. 21m

Tide gauge

Approx. 49m

Approx. 82m

Existing Approx. 74m

Approx. 55m

Existing Approx. 28m