



## NWM 1620 Glensanda Seabed Survey Report

This document covers the following:

The Findings of The Survey Undertaken at Rhugh Garbh, Loch Creran

Project: NWM 1620 Glensanda Seabed Survey

Address: Rhugh Garbh, Loch Creran

Client: Yeoman Glensanda Aggregate Industries

Produced By: Douglas McClymont 28/3/18



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## Introduction

This report has been created to document the findings of a seabed survey carried out by a North West Marine dive team to investigate the condition of 2 possible mooring proposals. Divers were made aware of possible protected species being within the area surveyed and plans were set out for an in-depth analysis of the seabed.

## General Visual Inspection

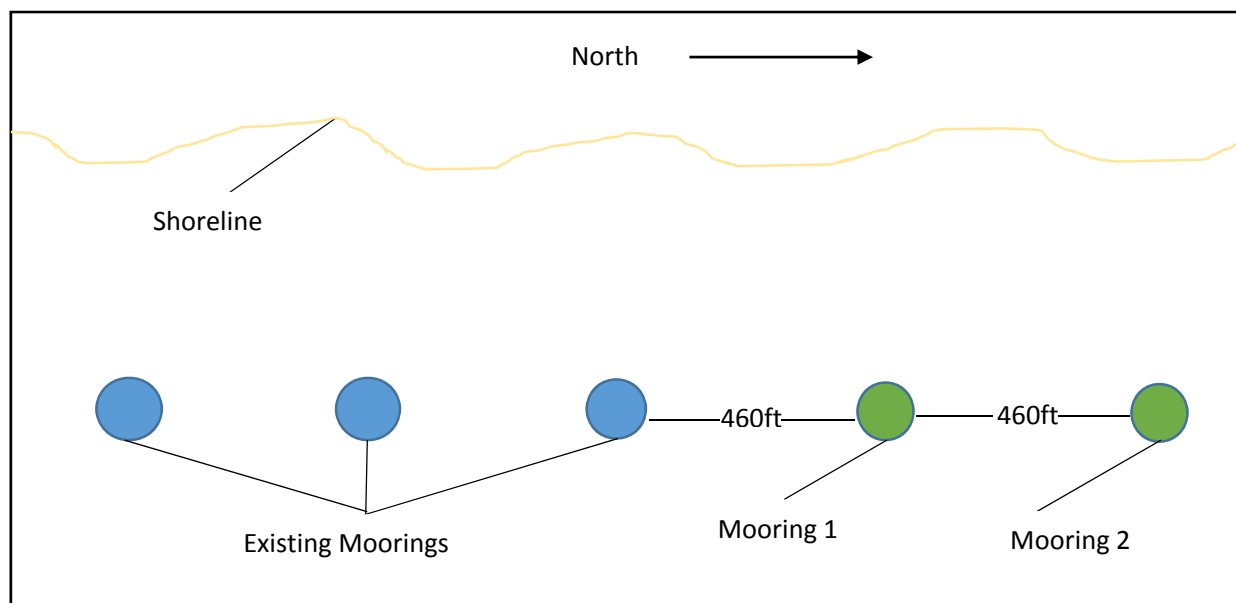
Works were carried out on the 28<sup>th</sup> March by a 4-man dive team, from 1100hrs to 1500hrs. Tidal heights were taken 1m+ and 1.5m+ chart datum for the 1<sup>st</sup> and 2<sup>nd</sup> dives respectively and high tide was due at 1630hrs. Weather conditions were fair with showers and cloudy with slight wind.

## Positions of Possible Moorings

2 potential mooring positions were surveyed, the first was 460ft north of the 3 existing moorings and the 2<sup>nd</sup> was 460ft north of the 1<sup>st</sup> surveyed location. Below is a diagram and Lat and Longs of the positions:

Mooring 1: N56.31.087, W005.21.808

Mooring 2: N56.31.127, W005.21.694



## Mooring 1

Our first dive was at 1230hrs to an average depth of 26.5m. Chart datum was +1m so high tide would be 3m higher than recorded. The seabed was reported as being soft silt/muddy ground. Due to the depth being greater than anticipated we extended the area to be surveyed to over 20m radius. There were dead shells scattered around and the odd scallop, but seabed was reported as being barren. There were no reports of Dense Tubes, Serpula, Horse Mussels or reefs.

## Mooring 2

Our second dive was conducted at 1330hrs to an average depth of 21.0m. Chart datum was +1.5m so high tide would be 2.5m higher than recorded. The seabed was reported as being very soft, silty/muddy and gently sloping but even ground. Again, the depth was over 20m, so the radius surveyed was extended to 20m+. Sea-life was much the same as the 1<sup>st</sup> survey although there were a few dead, single Tubes found.



## Conclusion

The diving surveys concluded that both locations could be used for potential mooring points. There was zero to minimal sea-life within the areas and no protected species were encountered, apart from a single Tube that was most likely dead, attached to a rock. 2 separate videos were taken of the seabed, this can be viewed at the following link:

<https://www.dropbox.com/sh/gpb98loc71vbovn/AACPfHBPPrqfkw1Pyrsn8Eda?dl=0>

This concludes the survey completed at Rhugh Garbh, Loch Creran on the 27/3/18. Please do not hesitate to contact me at the below address should you need to discuss anything further regarding this report:

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