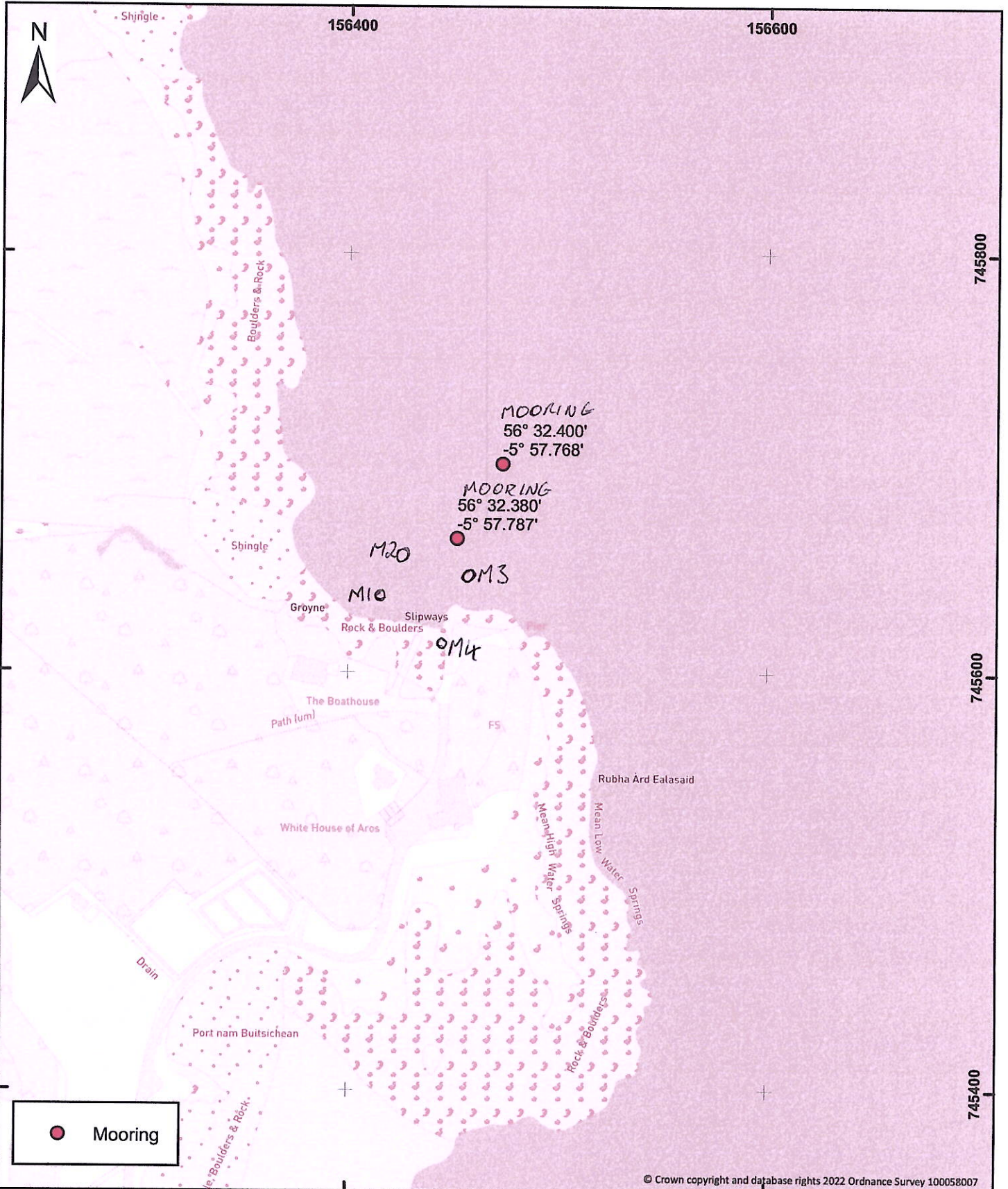


Maps/Charts

Sound of Mull, Argyll and Bute



FOR INFORMATION ONLY

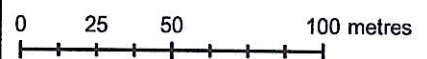


Crown Estate Scotland
Department of Crown Affairs

Quatermile Two
 2 Lister Square
 Edinburgh
 EH3 9GL

Scale: 1:2,500
 Date: 16/11/2022
 Author: DV
 Reference: AR7-28-5

Coordinate System: British National Grid
 Datum: OSGB 1936



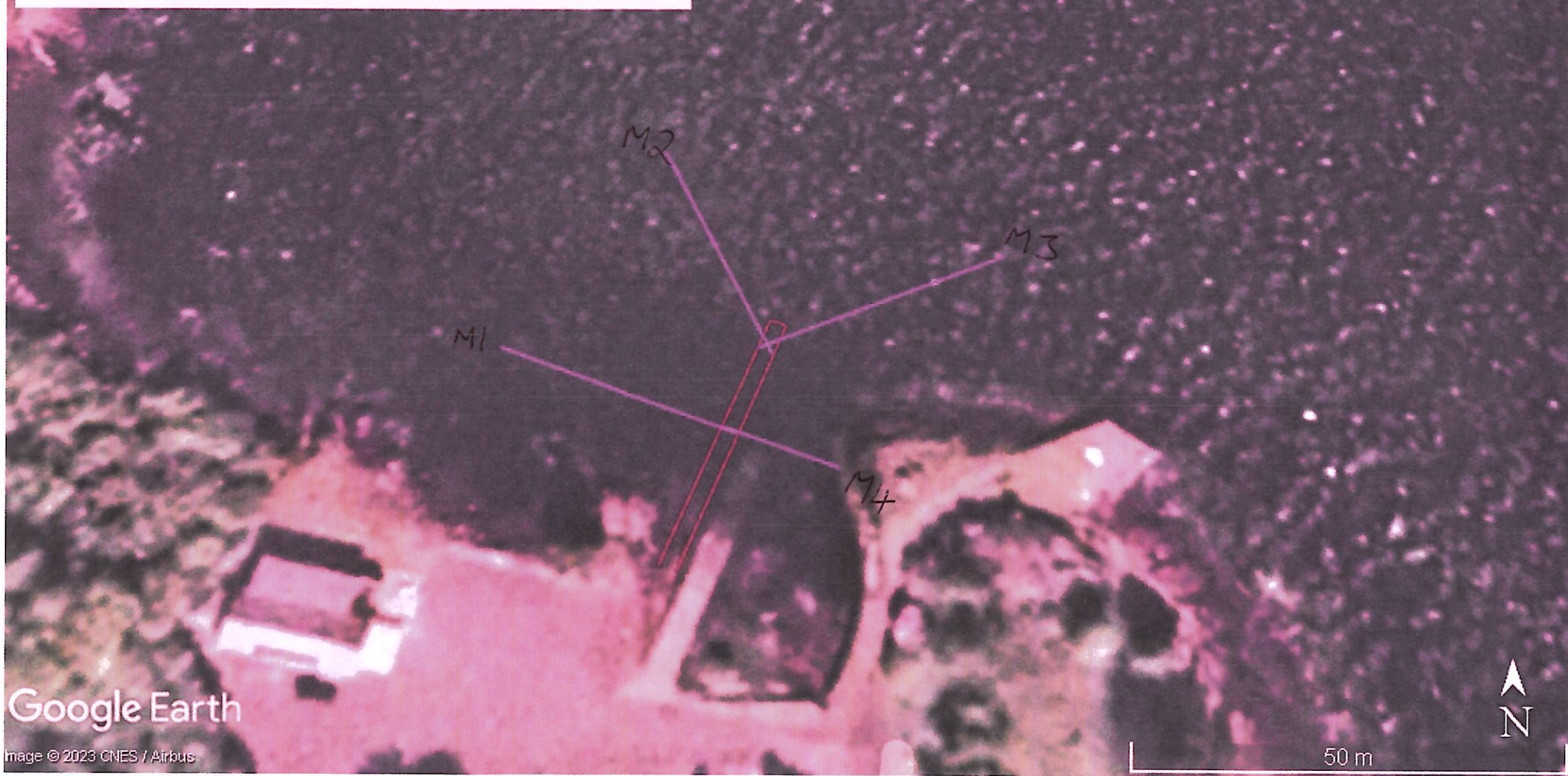
WHE Anchor Positions V4 June'23
28/06/2023

Mooring	Latitude	Longitude	Horiz Offset
M1	56 32.361N	005 57.833W	33m
M2	56 32.379N	005 57.814W	37.5m
M3	56 32.370N	005 57.767W	37.5m
M4	56 32.352N	005 57.790W	18m

WHE V37.5m Pontoon Location June'23

Write a description for your map.

Legend



Google Earth

Image © 2023 CNES / Airbus

50 m







Labels on the left side of the map include: Gairath, Inversanda, Kilmalen, Camasnacrose, Appin House, Castle Stalker, Appin, Port Appin, South Shian, Loch Crean, Barcalaine, Creagan, Culcharan, Bendoroch, South Ledaig, Cornel, Dunbeg, Ardchnonell, Fearnoch, Oban, Ganavan, Soroba, Gienonan, Ballenore, Galanach, Kimore, and Dunach.

Labels in the upper-left quadrant include: Gienonan, Soroba, Oban, Ganavan, Ardchnonell, Fearnoch, Dunbeg, Cornel, South Ledaig, Bendoroch, Culcharan, Barcalaine, Loch Crean, South Shian, Loch Linnhe, Appin, Port Appin, Creagan, and Castle Stalker.

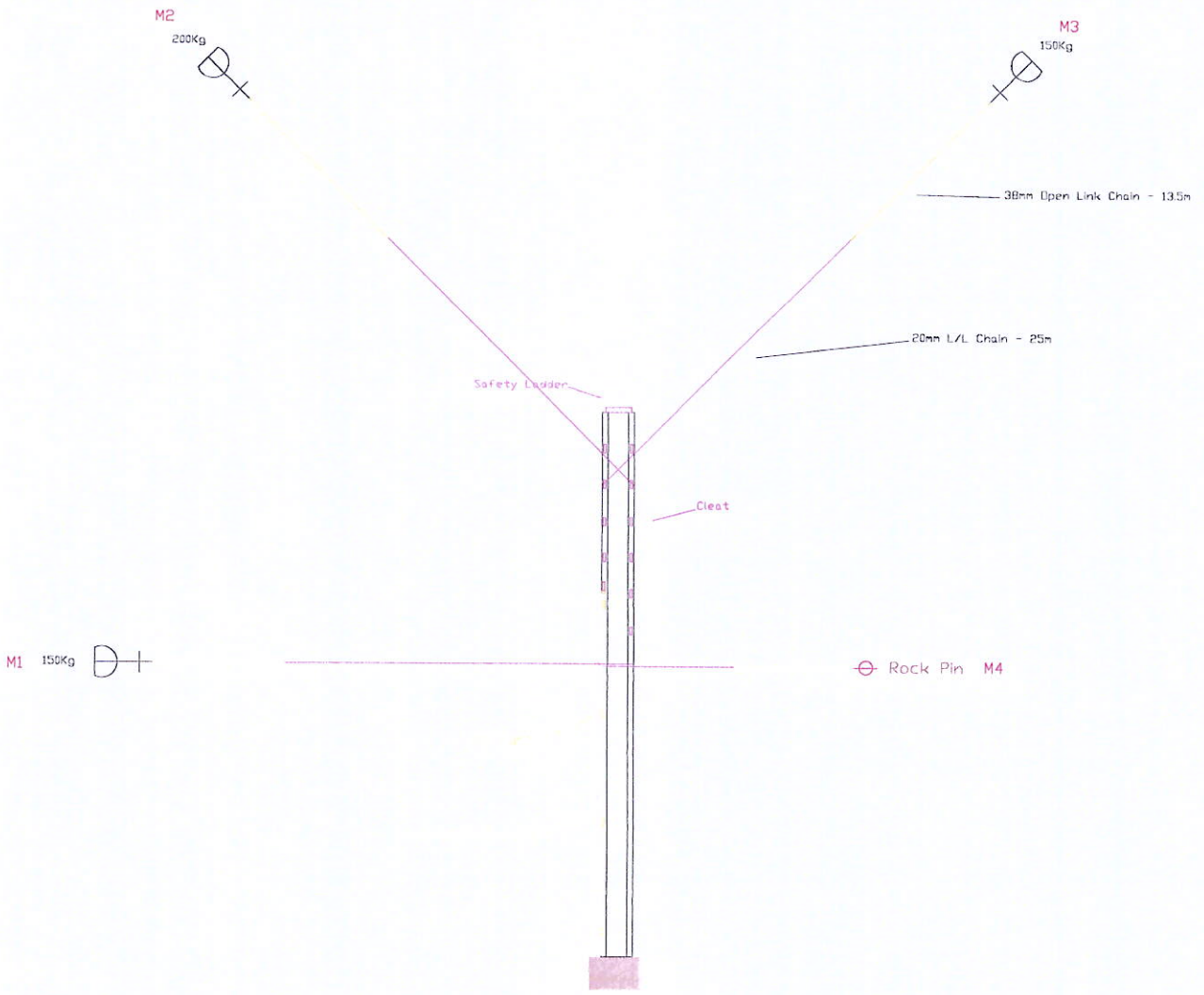
Labels in the upper-middle section include: Gairath, Inversanda, Kilmalen, Camasnacrose, Appin House, Appin, Port Appin, South Shian, Loch Crean, Barcalaine, Creagan, Culcharan, Bendoroch, South Ledaig, Cornel, Dunbeg, Ardchnonell, Fearnoch, Oban, Ganavan, Soroba, Gienonan, Ballenore, Galanach, Kimore, and Dunach.

Labels in the center of the map include: Gairath, Inversanda, Kilmalen, Camasnacrose, Appin House, Appin, Port Appin, South Shian, Loch Crean, Barcalaine, Creagan, Culcharan, Bendoroch, South Ledaig, Cornel, Dunbeg, Ardchnonell, Fearnoch, Oban, Ganavan, Soroba, Gienonan, Ballenore, Galanach, Kimore, and Dunach.

Labels on the right side of the map include: Gairath, Inversanda, Kilmalen, Camasnacrose, Appin House, Appin, Port Appin, South Shian, Loch Crean, Barcalaine, Creagan, Culcharan, Bendoroch, South Ledaig, Cornel, Dunbeg, Ardchnonell, Fearnoch, Oban, Ganavan, Soroba, Gienonan, Ballenore, Galanach, Kimore, and Dunach.

Project Drawings

WHE 37.5m Aqua Pontoon V4 Drawing June'23



Note: Not to Scale

Key	
	Cleat
	Life Buoy
	Safety Ladder
	Life Buoy



SeaHaven Aqua Pontoon

Originally designed as a service pontoon for harsh aquaculture environments, this versatile tough pontoon has grown to serve many applications.

By utilising specially developed butt fusion, electrofusion process and control techniques, its all-polyethylene construction means there is minimal use of metal work in the SeaHaven Aqua Pontoon

Applications

SeaHaven Aqua Pontoons are ideal for a wide variety of business and leisure applications and have the capability to transform a shore location. Typical uses include:

- Hotels looking to attract leisure crafts.
- Mooring associations and yacht clubs.
- Community associations.
- Outdoor activity centres.
- Country estates.
- Angling and leisure boat operators.
- Fish farming operations.
- Private homeowners in waterside locations.
- Industrial (pumping systems).

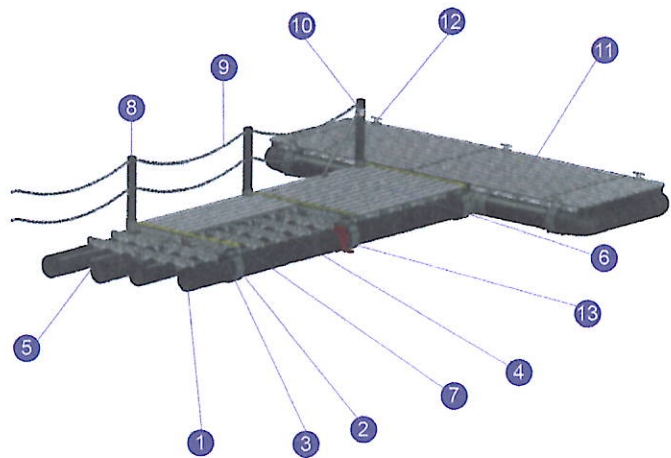
Key Features

- Robust, versatile, secure.
- Slip-resistant decking made from recycled plastic.
- Thick-walled PE flotation pipes for buoyancy.
- Flexible and tough construction.
- Optional safety guard rails.
- Adaptable for a variety of marine and freshwater locations.
- Individually designed to suit customer requirements.

Pontoon size	315	
PE flotation pipe	4 x 315mm dia.	6 x 315mm dia.
Gross buoyancy per metre*	320 kgs	480 kgs
Length	No limitation to overall length	
Deck width	1950mm	
Overall width	2200mm	
Freeboard	250mm	
Handrail	Fixed PE/Rope/None	
Hammerhead	Optional/Sizes available upon request	
*Calculations for seawater conditions		



1. 4 or 6 x Ø315mm thick walled polyethylene flotation pipe.
2. Heavy-duty PE base unit.
3. Electrofusion stops used to minimise base movement.
4. Ø315mm pontoon support beam designed to sit on top of flotation pipes to create means for a walkway.
5. Ø50mm retainer pipe used to secure pontoon beams to base units utilising electrofusion process and control.
6. Slip resistance recycled plastic decking.
7. Slip-resistant deck cover.
8. Ø125mm PE handrail upright.
9. Ø28mm rope or Ø125mm sturdy PE handrail.
10. Stainless steel stanchion support.
11. 6 x 2m pontoon hammerhead.
12. Stainless steel mooring cleat.
13. 4.3m/5 Tonne red mooring strop.



Method Statement

Method Statement – Proposed Pontoon

at

White House Estate, Aros, Isle of Mull, PA72 6JP

Access to the site will be gained from land wholly owned by the applicants' as well as access via the sea for contractor work vessels to undertake installation.

Mobilize and site set up

- Mobilise to site and establish site location
- Provide safe working range and set out project area

The Works

Set out locations of anchor points as below:

Install 1 x 150kg anchor point

- M1 56 32.361N 005 57.833W

Install 1 x 200kg anchor point

- M2 56 32.379N 005 57.814W

Install 1 x 150kg anchor point

- M3 56 32.370N 005 57.767W

- Install 1 x rock pins to foreshore, mechanically fixed in to the rock by drilling and bolting.

- M4 56 32.352N 005 57.790W

- Install floating pontoon in to the area and connect to the anchor points provided

Site Clearance and De-Mobilisation

- Remove any redundant materials
- De-mobilise all equipment from site
- Sign off works and hand over to client

Photographs of the location

