

INSTALLATION OF A NEW FUEL BERTH AND EAST BREAKWATER PONTOONS.

ASHORE

Work not applicable to Marine Scotland Licence

AFLOAT

EAST BREAKWATER PONTOONS

1. Notify; Mariners, the public and secure the site
2. Remove the 6 pontoon sections comprising the East Hammerhead Pontoon
3. Select and retain 1 x selected section from the East Hammerhead Pontoon
4. Relocate the 5 'old' sections to Aros or sell on to a third party subject to agreement from CES
5. Add 1 x 10m x 3m selected section to the east end of the South Walkway
6. Add 2 x 12m Finger Berths to the extended South Walkway
7. Disconnect power and water & remove runners for bridge (from section 1 of North Arm)
8. North Arm Breakwater uncouple and secure the moorings from Breakwater sections 1, 2, 3
9. Remove Link Bridge and secure on the Passenger Landing Pontoon
10. Remove North Arm Breakwater sections numbers 1, 2, 3, from the North Arm leaving section 4 in place to maintain pontoon approach light on 4
11. Tow sections 1, 2, 3, 50m East and rotate the 3 x Breakwater sections 90 degrees and relocate to replace the removed East Hammerhead
12. Temporary, secure the the 3 x Breakwater sections using the existing East Hammerhead moorings
13. Lay a new grid of 18 x 6 ton anchor blocks to 12 x mooring chains. The east moorings to have two separated blocks on each mooring chain
14. Secure the new Breakwater sections to the new moorings and anchor blocks
15. Add a 6m x 1.5m wide bridge to join the new East Breakwater Hammerhead to the South Walkway
16. Connect services (water and electric) from South Walkway to East Hammerhead
17. Remove redundant anchors and mooring chains

FUEL BERTH ON NORTH ARM

1. Manoeuvre 3 x 20m x 4m Breakwater sections to replace sections 1, 2, 3 already moved to the East Breakwater Hammerhead

2. Reconnect anchor grid chains to new North Arm Breakwater sections
3. Reconnect section 3 to section 4
4. Reconnect existing power and water services
5. Connect new pipes and power cables from the on-shore supply and from the on-shore Fuel Storage Tank through Breakwater Sections 1, 2 to Cabinet positions on Breakwater 2.
6. Add 2 x Fuel Supply Cabinets and Drip Trays
7. Add high flow delivery pumps, and hoses to east Cabinet
8. Add low flow delivery pumps, and hoses to West Cabinet
9. Add Credit Card terminals
10. Connect all systems
11. Test all systems
12. Approve and sign off all systems
13. Train Staff on Fueling Boats and all systems and safety systems afloat and ashore