

APPENDIX D



Project 31/05/2025, 09:16
completion report, Saltash Jubilee pontoons
Saturday, 31 May 2025
Prepared For Saltash Council
24 Pages



SALTASH JUBILEE PONTOON

COMPLETION OF PRODUCT SALTASH JUBILEE PONTOON

Repair work carried out of the Saltash Jubilee Pontoon:

Assigned To VOYAGER MARINE

Here is a summarised list of the work completed

Phase 2 for the Saltash Jubilee Pontoon:

Phase 2:

STAGE 1

repairs and refurbishment of the pontoon system at voyager boatyard.

1. All pontoons were lifted using our hoist with the help of telly handler and forklift. For safe operations.
2. All decking boards removed ready for cleaning.
3. All sub frames removed from floats, damage's sub frames noted for replacing.
4. The hammerhead floats were split apart for easier operations
5. marine mollusks was removed from floats prior to "hydro-blasting".
6. "hydro-blasting" was used to removed all protective coatings back to bare metal.
7. NDT Testing: Conducted NDT testing and pressure testing of the floats.
8. Several floats required repairs were NDT testing found the metal compromise the material's integrity
9. These areas were repaired with 6mm metal patches welded where required to bring back the integrity of the metal.
10. Several brackets were missing from the floats which attaches the subframe to the float. These were replaced by welding new brackets in place.
11. All floats were recoated with two pack epoxy primer as soon as protective coating was removed
12. All floats were re-recoated with a Two pack epoxy one coat system to black finish

SRAGE 2

1. NDT Testing was completed on the five piles all found in good condition with a thickness of 18mm or thicker.
2. Two complete new subframes had to be remade as to original subframes were past repair.
3. Flat metal sheeting fitted under deck boards was found rotten and replace.
4. All subframes were reinstated back onto the floats using stainless bolts with nyloc nuts with washers.
5. The two hammerhead floats were joined together using new high tensile bolts.
6. New Tantalised wood Pontoon fenders fitted to all sides of pontoons and coated in grey with new stainless nuts & bolts.
7. Original deck boards relayed back in place with new tantalised wood battens to take them. A number of composite decking were missing these are waiting delivery. Tantalised wood decking boards have been used till these arrive.
8. Marina access Bridge Where the wheels roll on access pontoon Metal under the skids was found rotten. This was chopped and replaced. Then New nylon hard wearing. Skids was fitted.
9. Two new cleats found Broken were replaced.
10. All anodes replaced

RE FLOATING THE PONTOONS FOR TRANSIT TO SALTASH FOR RE INSTALLING MARINA STAGE 3

1. Hammerhead pontoon was first to be towed by our four workboats to SALTASH with correct navigation lights and shapes.
2. All personnel wore correct PPE at all times.
3. Hammerhead pontoon was connected to the two outer piles and navigation lights reinstate.
4. All pontoons were towed in turn and connected.
5. All pontoons were reconnected using new 100mm x 50mm rubber joining blocks with stainless bolts and nyloc nuts with large heavy duty washers.
6. On the lift of tide and use of chain blocks the RSJ iron grinder was removed with Safety chains from under the access bridge and lowed onto the access pontoon
7. Final fitting of deck boards relayed and 6mm aluminium checker plate fitted across access pontoon to Hammerhead pontoon.

Final checks were completed all found to be all in safe and ready to open to the public and

ferry's to birth 23rd May 2025



"RECAP". Transit Pontoons Back To Voyager Boatyard: Supplied and deployed necessary towboat(s) and safety boat along with a suitable labor force.

Assigned To VOYAGER MARINE



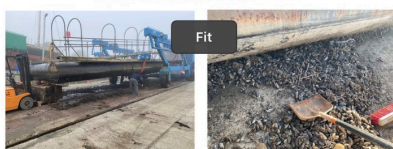
Isolated services connected to the pontoon system.



Detach and Tow Finger Pontoons: Detached each finger pontoon and towed them to Voyager Boatyard.



START OF REPAIRS AT VOYAGER BOATYARD: 1. All pontoons were lifted using our hoist with the help of telly handler and forklift. For safe operations.



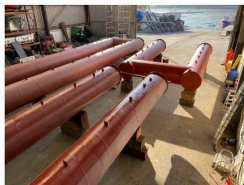
2. All decking boards removed ready for cleaning. All sub frames removed from floats, damage's sub frames noted for replacing. marine mollusks was removed from floats prior to "hydro-blasting".



3. "hydro-blasting" was used to removed all protective coatings back to bare metal.



4. NDT Testing: Conducted NDT testing and pressure testing of the floats.



5. All floats were recoated with two pack epoxy primer as soon as protective coating was removed



6. Several floats required repairs were NDT testing found the metal compromise the material's integrity. These areas were repaired with 6mm metal patches welded where required



7. Flat metal sheeting fitted under deck boards was found rotten and replace



8. All floats were re-recoated with a Two pack epoxy one coat system to black finish



9. The two hammerhead floats were joined together using new high tensile bolts.



10. New Tantalised wood Pontoon fenders fitted to all sides of pontoons and coated in grey with new stainless nuts & bolts.



11. Marina access Bridge Where the wheels roll on access pontoon Metal under the skids was found rotten. This was chopped and replaced. Then New nylon hard wearing. Skids was fitted

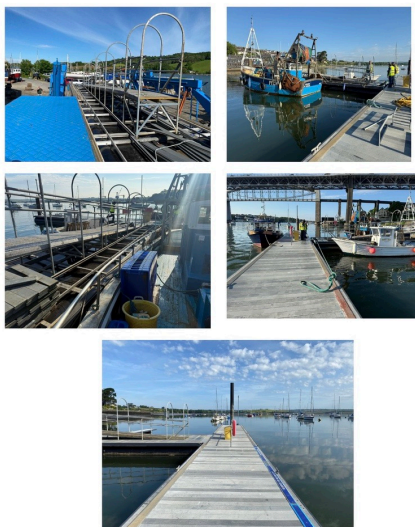


12. Two new cleats found Broken were replaced.
All anodes replaced

RE FLOATING THE PONTOONS FOR TRANSIT TO SALTASH FOR RE INSTALLING MARINA



STAGE 3. Hammerhead pontoon was first to be towed by our four workboats to SALTASH with correct navigation lights and shapes. 2. All personnel wore correct PPE at all times. 3. Hammerhead pontoon was connected to the two outer piles and navigation lights reinstate.



All pontoons were towed in turn and connected.



6. On the lift of tide and use of chain blocks the RSJ iron girder was removed with Safty chains from under the access bridge and lowed onto the access pontoon



5. All pontoons were reconnected using new 100mm x 50mm rubber joining blocks with stainless bolts and nyloc nuts with large heavy duty washers.



7. Final fitting of deck boards relayed and 6mm aluminium checker plate fitted across access pontoon to Hammerhead pontoon.

CONCLUSION OF REPORT

Assigned To VOYAGER MARINE

Conclusion

The refurbishment of the Saltash Jubilee Pontoon has been successfully completed, adhering to the project timeline. All pontoons have been thoroughly refurbished, reassembled, and inspected to meet safety standards. The pontoon is now fully operational and ready for use by ferries, passengers, and the public. For any further inquiries, please reach out to Voyager Boatyard.

Sid Currie

Oceanic Marine Group