

# Ports News Bulletin

No 3 August 2017

## Welcome

With the Festival of Motorcycling now upon us, Ports staff have another busy summer season almost behind them. In this bulletin we have continued to bring you news on some of our projects and works, along with interesting information on other activities.

This issue has been written by the Assistant Ports Manager, so if you have any comments on any of the items featured, please send them to Laurie Royston at the Sea Terminal, or email to [laurie.royston@gov.im](mailto:laurie.royston@gov.im)

## Pyrotechnic Training

IOM Coastguard offer a facility for mariners to safely dispose of Time Expired Pyrotechnics (TEPs). Occasionally, on collection these are still just "in-date" and can be utilised for Coastguard training. Such an exercise is due to take place in the coming weeks, but IOM Coastguard can offer training and demonstrations on pyrotechnics or any other marine safety topic to various groups by arrangement. Please contact Coastguard Rescue Manager Kevin Scott Tel 01624 694383 or [kevin.scott2@gov.im](mailto:kevin.scott2@gov.im) for more details.



## Emergency Port Closure Lights

New Douglas signals have been established at the seaward end of Victoria Pier, which replace the old port signals. They are now situated on a grey mast and consist of three lights, mounted vertically, which display fixed all round red and are visible from Douglas Harbour, Fairway and Douglas Bay. The activation of this signal indicates that the port is "closed" and vessels should not proceed in any direction. All current notices can be viewed at: <https://www.gov.im/categories/travel-traffic-and-motoring/harbours/navigation-advice>

## Marine Operations Centre Insight

The Marine Operations Centre is one of only a hand full of facilities worldwide, which serve as both Harbour Operations and Coastguard. Each shift is operated by two specially trained officers who are kept fully occupied by duties including controlling vessel arrival and departures, bridge operations in both Douglas and Peel, along with accepting "999" calls and associated response for the Coastguard. The watch constantly monitors Manx territorial waters and the Island's harbours using a range of equipment such as radar, CCTV, AIS (Automatic Identification System) and ICCS (Integrated Communications System). The equipment and systems required to support this service are maintained by a team of technical engineers, who can be called to assist when needed.



  
isle of man harbours  
purty'n vannin  
infrastructure ~ bun-troggalys

# Works Update

No 3 August 2017

## Salt Works Quay

The new enhanced boat park facilities at the Salt Works Quay in Ramsey are nearing completion. Apart from the resurfacing of the area and stabilisation of the quay wall, additional services include the availability of electric and water to boat owners, which is much improved on the previous site and making it far more useable.

## Castletown Flood Defences

The contractors may have only recently started construction of Castletown flood defences, but prior to this the southern harbours staff had already been planning and working hard towards the sizeable logistical task of ensuring the area was ready for construction to begin. The main efforts were focussed on clearing the boat yard which has been temporarily converted into the site depot. This involved a great deal of co-ordination and communications with harbour users. Many took the opportunity to get their vessels into the water for some early summer sailing and others were accommodated in alternative areas. The spirit of the sea going community was evident and we thank all involved for their assistance and co-operation.

## Douglas Flap Gate

Douglas Flapgate operates tidally to retain water in Douglas Marina by means of a large gate operated by two hydraulic rams. It is currently undergoing a major overhaul program, the first phase of which has been completed in June. This involved the changing of the first of the two ram cylinders, which has now been dispatched for refurbishment. Therefore, the next phase of work is expected towards the end of the year on its return and a Notice to Mariners will be issued in good time.



## Meet The Team!!

Following on from last months focus on long serving employees, we have switched to the other end of the spectrum with our youngest Ports team member. Lucas Quilliam fought off stiff competition to obtain a valuable apprenticeship with the Ports Division's Blacksmiths section. He commenced his training in September 2016 and having completed his first year studying part time at Isle of Man College, he is now hoping to attend a 3 week welding specific course in Birkenhead. Lucas currently lives with his parents and commutes on his scooter, but is working very hard to obtain his car driving licence. His dream is to become a fully qualified blacksmith and he hopes to be in charge of the workshop one day. We wish him well with the continued development of his career.

## What's going on in your harbour?

Area	Item	Description of Works	Start Date	Estd finish Date	Latest Update (August 2017)
Douglas	Port Entrance	Redesign of port entrance area to make it more user friendly, and less cluttered	Aug 2016	TBC	Revised plans completed
	Fort Anne Jetty	Repair of structure and new fendering to make good for continued use	Oct 2015	Sept 2016	Complete
	Pontoons	Condition to be reviewed and remedial work identified	Aug 2016	Dec 2016	Interim repairs made
	Flapgate Cylinders	Routine maintenance had identified that cylinders were close to life expiry, replacement required	Sep 2016	Dec 2017	1st cylinder changed June 2017 and 2nd expected at end of year.
	Stop Logs	Works required to improve time available for gate maintenance, coffer dams to be created	Sep 2016	Dec 2017	Major works complete, final testing underway. Some additional modification required
	Linkspan Piles	Routine maintenance has identified issues with the steel pilings	Aug 2016	Sept 2017	Bathymetric survey complete, project at tender stage
	Berth No 5 Fender	Reinstatement of fender, plus repair of damage to walkway after accident Feb 2017	Sep 2016	Sept 2017	Work to be carried out in conjunction with linkspan piles
	Port Signals	Alternatives required to replace old port signals in Douglas	Apr 2016	Jan 2017	Complete
	Harbour Lamp posts	Routine maintenance of lamp posts, replacement where necessary	July 2017	Dec 2017	In house survey to commence with new testing equipment
	Dredging	Removal of silt from marina area.	Nov 2016	Oct 2017	Dredging period extended, 1000t + of silt removed.
	No1. Buoy	Anchoring arrangement to be renewed due to deterioration over time.	May 2017	Aug 2017	New block and chain to be installed by divers
	MOC ICCS	Installation of new hardware and data recorder	April 2017	Oct 2017	Equipment arrived ready for installation and commissioning.
Port St Mary	Moorings	Removal of old moorings, siting of new ones, slight redesign of layout to maximise occupancy, survey and levelling of harbour bed	Summer 2015	By start of 2017 season	Complete with some minor changes made including additional ground chain being laid
	Alfred Pier	New slab along length of pier following settlement, reinstallation of fuel tank washed away in previous years	Jul 2016	Dec 2017	Fuel tank in situ awaiting connection, pump head and dispenser
	Alfred Pier	New day mark to be installed to replace the former light house	2018	2018	Planning stages

## What's going on in your harbour? (p2)

Area	Item	Description of Works	Start Date	Estd finish Date	Latest Update (August 2017)
Port Erin	Raglan Pier	Ongoing inspection and maintenance of pier structure, routine inspection identified cracking	Jan 2017	Ongoing	Continual observation being maintained on condition, and repairs undertaken as required
Castletown	Bridge	Bridge to be lifted off for maintenance and replacement of main bearing and deck	Oct 2017	March 2018	Rescheduled for Autumn 2017
	Breakwater	Large section of concrete coating has broken away	June 2017	Sept 2017	Added to the department other concrete spraying works.
Peel	Dredging	Considerations for dredging taking place, in conjunction with DEFA and silt material being tested.	Ongoing	Ongoing	Discussions with DEFA on going ref inner harbour. Outer harbour—dredging complete to consider.
	Silt Trap	Installation of trap to catch silt before it reaches harbour	Jan 2017	2018	Project board has been set up and has held three meetings
	Stop Logs	Works required to improve time available for gate maintenance, coffer dams to be created	Aug 2016	Dec 2016	Major works complete. Some additional modification required
Ramsey	Talk of the Town Site	Clearance of site to create an additional boat park area in Ramsey with tarmac and power/ water pedestals	Jan 2018	July 2018	Work deferred to 2018
	Pepperpot Lighthouses	Cracks found in both - plan to dismantle for restoration and refinishing	Jul 2016	May 2017	Complete
	Power Pedestals	Re-connection of power to pedestals on quayside after Dec 2015 flooding	Summer 2016	May 2017	Power connected; awaiting casting of raised berths. Slight delay.
	Swing Bridge	Improvements to control system, operating cabin to be repaired	Summer 2016	May 2017	Major works complete, final testing underway. Some snagging list items outstanding
	Salt Works Boat Park	Clearance and redesign of site to improve functionality	Sep 2016	Aug 2017	Complete. Some snagging list items outstanding
	Mooragh Bank Moorings	Points of wear have been found on the ground chain	June 2017	Dec 2017	Temporary repairs carried out and costings for new chain to be obtained.