

MARINE LICENCE APPLICATIONS 6 NOV 2017

This report covers applications submitted since 1 Sep 2017 for work in the Solent, not included in previous reports. It excludes applications for burial of human remains at sea.

1 - Applications open for consultation

Case reference no.	Project Type	Project Title	Locations	Applicant Name	Submitted	Consultation Closing
MLA/2017/00040 Submitted	Application - Maintenance of existing works	Replacement of 3 damaged piles and 2 pontoons	Hamble River	Royal Southern Yacht Club	06-Feb-17	17-Nov-17
MLA/2017/00174 Submitted	Application - Disposal of dredged material, Navigational dredging (capital), Other removals	Portsmouth International Ferry Port - Berth 2 Deepening	Portsmouth Harbour	Portsmouth City Council	12-May-17	10-Nov-17
MLA/2017/00251 Submitted	Application - Construction of new works	Pontoon	Wootton Creek	Mr Daniel Simson	04-Jul-17	10-Nov-17

MLA/2017/00327 Submitted	Application - Maintenance of existing works	Newtown Harbour Wall Repair	Newtown Quay	National Trust Plc	16-Aug-17	08-Nov-17
MLA/2017/00374 Submitted	Application - Other works	Pontoon Piers A-E Reconfiguration	Port Solent	Premier Marinas (Solent)	15-Sep-17	13-Nov-17
MLA/2017/00375 Submitted	Application - Construction of new works	Replacement Pontoon Mooring Piles	Lymington Yacht Haven	Lymington Yacht Haven Limited	15-Sep-17	14-Nov-17

2 - Project summaries of applications in section 1

Royal Southern Yacht Club

The RSrNYC, in association with the RAFYC constructed the Prince Phillip Yacht Haven which opened in the spring of 2015. Part of the construction used some steel piles then owned by Crown Estates but then were sold to the RSrNYC. It was recently noticed during a particularly low tide that three of the piles were affected by a degrading biological attack known as Accelerated Low Water Corrosion. The damage consists of large holes at the low water mark considerably reducing the strength of the piles. The pontoons attached to these piles are also in need of replacement and we will conduct this work at the same time as replacing the piles, if funds permit.

Portsmouth Ferry Port

To cater for future deep draught and larger vessels operating on Berth 2 it is proposed to undertake the capital dredge and disposal of seabed material to - 9.0m Below Chart Datum (BCD) within a small localised region as shown on Dwg No MAR/557/08 attached.

The works will also improve the mooring ability of all current and future vessels operating from Berth 2 and will enhance the maritime safety locally within the region.

Within the eastern and western extremities of the proposed dredge area scour protection mattresses exist. (Scour Mattress West and Scour Mattress East). Formed from concrete/grout the existing mattresses will be broken out, disposed of to land and replaced with new at a lower level. The foot print of the new scour mattresses will generally mirror that of the old.

Wootton Creek

I propose to erect a pontoon at the bottom of my garden which will give access to Wootton Creek

Newtown Harbour

Newtown Harbour Quay is a stone quay in the heart of the Newtown Harbour National Nature Reserve (NNR). The old marsh wall remains the only vehicle access to the quay and is necessary for maintenance as well as being part of a popular circular walk to the quay. The marsh wall is protected by a double row of pine pole pilings that were installed about 30 years ago, but these are now beginning to rot off and are putting the wall at risk of tidal erosion. We propose to drive a new double line of pilings in against these to stabilize the wall. These would be driven in to the estuary mud adjacent to the wall. We also propose to dismantle and rebuild sections of the west facing quay wall that are "bellying- out" to maintain access and protect the nationally important saline lagoons behind them

Port Solent

To reflect a change in demographic of berth holders, Premier Marinas wishes to re-arrange the area of pontoons currently defined as Pier A-E on the marina map to accommodate larger, but fewer, vessels. The re-arrangement will improve the access via increased fairway widths and will ensure that the piles and pontoons securing the vessels are suitable. The works are proposed to be completed during January - April 2018.

Lymington Yacht Haven

The works associated with this licence application relate to the extraction and driving of 8 timber pontoon mooring piles on A pontoon, 10 timber pontoon mooring piles on B Pontoon, and the installation of 7 additional timber pontoon mooring piles adjacent to the existing wave screen within Lymington Yacht Haven Marina, Hampshire. The existing timber pontoon mooring piles are nearing the end of their useful design life. A total of 18 piles are to be replaced, with a majority in similar positions to the existing piles, with the exception of 7 additional piles to be installed adjacent to the existing wave screen, which are now required to secure the pontoons next to the wave screen rather than relying on the wave screen for stability.

3 - Other Applications already decided by MMO

Case Reference no.	Project Title	Project Type	Locations	Applicant	Submitted	Latest Decision
MLA/2017/00424 Completed	Application - Maintenance of existing structures or assets	Hayling Seagroce	Hayling Island beach	Beasley Christopher Limited	14 Oct 2017	14 Oct 2017
MLA/2017/00406 Completed	Application - Maintenance of existing structures or assets	Revetment	A27 Farlington Marshes Broadmarsh	Enterprisemouchel	06 Oct	06 Oct 2017
EXE/2017/00253 Completed	Exemption - Deposits	Solent Oyster Restoration Project	Beaulieu River	Blue Marine Foundation	24 Sep 2017	
EXE/2017/00259 Completed	Exemption - Construction	Installing 10m pontoon on pile G39/40	River Hamble	Mr Douglas Watsdon	03 Oct 2017	

Case Reference no.	Project Title	Project Type	Locations	Applicant	Submitted	Latest Decision
EXE/2017/00266 Completed	Exemption - Construction	Instillation of pontoon	River Hamble	Mrs Serena Alexander	13 Oct 2017	
EXE/2017/00271 Completed	Exemption - Construction	tender pontoon improvement	Yarmouth Harbour	Yarmouth Harbour Commissioners	25 Oct 2017	

4 - Applications not yet decided nor open to consultation

Case Reference no.	Project Title	Project Type	Locations	Submitted
MLA/2017/00398 Submitted	Application – Disposal of dredged material	Dredge Inner Pontoon Area	Marchwood Yacht Club	29 Sep 2017
SAM/2017/00072 Submitted	Sampling - Dredging, Removal	Bosham Quay Dredge	Chichester Harbour Conservancy	12 Oct 2017

5 - Summaries of Applications in sections 3 and 4

Hayling Seagrove

Repair and replace part of an existing marker at the discharge point of a surface water outfall

A27 Farlington Marshes Broadmarsh Revetment Repairs

The purpose of the scheme is to repair a 60m section of coastal protection adjacent to the Farlington to Broadmarsh cycle path following damage to the existing gabions during recent storms. Urgent repairs are required to ensure the cycle path does not further erode and slip into the sea.

The Solent Oyster Restoration Project

The work carried out under this exemption would be a scientific trial conducted by a PhD student at the University of Southampton as part of the wider Solent Oyster Restoration Project, run by the Blue Marine Foundation (BLUE).

The Solent Oyster Restoration Project aims to restore the native oyster to the Solent by re-introducing millions of oysters into targeted areas during 2017 and over the next four years. BLUE has formed Working Group comprised of a coalition of stakeholders including Natural England, Southern IFCA, Environment Agency, Cefas, Portsmouth and Southampton Universities and the Wildlife Trust to guide the project and produced a 5 year management plan.

The long term goal of the project is to restore the status of the native oyster in the Solent waters so that a healthy, self-sustaining population can support the development of a viable and sustainable fishery and provide other ecosystem services. The project management plan is provided which gives an overview of the project as a whole.

This PhD studentship has been developed to study the physiological performance of *Ostrea edulis* through practices associated with oyster restoration. This will be achieved by monitoring respiration, filtration rates and reproductive status of individual oysters and determining disease prevalence in the Beaulieu river. This research aims to address the impact that a number of restoration choices, such as relaying density and broodstock origin, have on the success of an oyster restoration project.

A total of 3,300 native oysters will be deployed into the Beaulieu river in Autumn 2017. Oysters will be placed into microreefs within 12 x 1m³ gabions at two different densities and at two different elevations from the seabed. 30 oysters will be sampled quarterly and taken back to the National Oceanography Centre for analysis via research vessel. The gabions will remain in the Beaulieu river for 18-24 months. This method has been designed with the Beaulieu Harbour Master and the Estate.

Hamble new pontoon

Install 10m pontoon on Piles G39/40 River Hamble. Planning obtained from Eastleigh Borough Council.

Hamble new pontoon

Installation of 20m² pontoon between existing piles G40 and G41 to ensure easier access for elderly parent of owner. Most other nearby pile moorings have pontoons between them. It makes access to the boats very much safer.

Yarmouth pontoons

Yarmouth Harbour Commissioners (YHC) currently has a plastic pontoon to accommodate tenders. The plan is to replace this pontoon (15m x 2m) with a more robust steel framed pontoon with wooden walkway (industry standard construction) and of similar dimensions, situated south of bridge.

Once this work is complete YHC intends to extend this pontoon by another 15 metres with a pontoon of similar construction. The extension will replace pile moorings that accommodate two yachts on a non-walk ashore berth allowing the owners to walk to their vessels. In addition YHC intend to replace 10 green-heart piles that are at the end of their useful life with ten steel tubular piles. Location is like for like.

Works are scheduled to take place on 13th November and finish on the 2nd December or earlier

Marchwood pontoon dredge

The project is to carry out a maintenance dredge of the inner pontoon area. The application to dredge was granted on the 3rd April 2017. The purpose of this application is to apply for the disposal of the spoil / silt at the Hurst Narrows dumping ground. Attached is the silt sample report.

Bosham Quay Dredge

To dredge approximately 1500 M3 from Bosham Quay in order to establish historical depths at the Quay to maintain safe navigation of vessels using it. The fine silt has built up in the quay since the last dredge in 2006. vessels are finding it harder to navigate and the local ferry boat that services all the moorings is no longer able to land at the quay at certain states of tide.

The quay also has a hard stand concrete floor in parts and it is becoming very difficult to maintain this for a dry and safe dock for maintenance on vessels as the mud build up is too deep to walk and work in.

The aim of the project is to clear the quay back to its historic depth and clean off the concrete floor.

The material would then be disposed of in Treloar hole in Chichester Harbour for Beneficial Disposal.

6 Wildlife Applications: There are none this month
