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**MARINA PROJECTS LTD: FILE NOTE**  
**Brooklands Quay Mooring Relocation**  
**River Works Licence Application File Note**  
Revision 01 – 19/03/2018

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**1. INTRODUCTION**

Brooklands Quay has four mooring buoys sited within the creek adjacent to the slipway that are used to securely moor vessels (Figure 1). These are tidal moorings only accessible during high water periods, with vessels taking the ground and drying out at all other states of tide.



Figure 1 Vessels on the existing moorings

The property owner wishes to relocate two of these mooring buoys from the current position and site them adjacent to the slipway and navigational pile, but still within the land ownership boundary of the property to increase the useable access window. The new location will remain tidal, but will be accessible for a much greater period, which will also assist with activities such as launching and recovering from the slipway.

## **2. PROPOSED MOORING**

Whilst a single mooring is desired in the new location pre-application advice from the Harbour Master confirmed that the application will need to be in the form of a fore & aft (trot) style mooring using two buoys to prevent the impacts that a swinging mooring could introduce. Once the two buoys are relocated the remaining two mooring buoys and all associated ground tackle will be removed entirely from the creek, removing the use of that area completely.

This proposal will not create additional moorings within the Mooring Restriction area as defined by Fareham Borough Council's local plan, as the relocation of the mooring buoys will standardise a single trot mooring and remove all additional hardware. The relocation and removal of mooring buoys equates to a net loss of moorings, along with a reduction in intertidal disturbance.

## **3. FURTHER CONSIDERATIONS**

The placement of the relocated buoys and their securing arrangements will be such that the radius of swing cannot interfere with the aid to navigation that marks the end of the slipway. Based on the contour of +1.35m C.D. at the ownership boundary, Mean High Water Springs at 4.9m C.D. and a Highest Recorded tide of 5.6m C.D. the South West buoy and its securing arrangement will need to be sited a minimum of 4.5m from the navigational pile to remove possibility of interference.

Based on these considerations drawing MP282-01-P-200-RevB identifies the approximate position in relation to the land ownership boundary.

## **4. IMPACTS**

Both the existing and proposed buoy locations are within the Solent & Dorset Coast Special Protection Area, with the site adjacent to the boundary for the Solent Maritime Special Area of Conservation which covers the area below Mean Low Water marks in this area.

On the opposite side of the main channel is the Lincegrove and Hackett's Marshes SSSI, Solent and Southampton Water RAMSAR and Hackett's Marsh Local Nature Reserve, however the scale, existing local activity and nature of the proposed works means any impact on these designations is extremely unlikely.

The mooring will be available for use throughout the year but is not planned to become a full use annual mooring. Its location allows the owner to plan access around tidal cycles with greater efficiency and will cater for overnight or perhaps week-long use. The tidal nature of the berth means that activity can only occur once sufficient water depth is available, which will minimise any disturbances to birds using the mudflats at low tide.

The fore and aft nature of the mooring ensures a minimal interaction with the intertidal when compared to a swinging mooring. Figures 2, 3 & 4 show the existing composition and nature of the intertidal area at the +1.35m C.D. contour, which comprises relatively firm mud overlaid with gravel and coarse material.



Figure 2,3 & 4 - The composition and nature of the foreshore at the +1.35m C.D. contour