

# NOTICE TO MARINERS

## No. 08 – 2018

### THE SWALE

### Queenborough Creek Flood Barrier

**NOTICE IS HEREBY GIVEN** that as until further notice works are being undertaken to refurbish the aging structure of the Queenborough Creek Flood Barrier and replace the steel gates. To undertake the in-channel works, the barrier will be taken out of action for periods of time, during which navigation through the structure may be impacted. The Queenborough Creek Flood Barrier is located in the following approximate position:

**51° 24.91' N 000° 44.53' E**

#### Low-Level Cofferdam

Following a dredging campaign, a low-level cofferdam will be installed to retain and limit silt accumulation on the concrete apron of the barrier. The low-level cofferdam will be constructed from sandbags placed at least 1 metre above the sill level to follow the natural profile of the existing silt, and therefore should not affect normal navigation. The low-level cofferdam will remain in place throughout the duration of the works.

#### High Cofferdam

To facilitate the in-channel works, a 2-metre high cofferdam will be placed within the abutment of the barrier at the beginning of each working window. When the tide is ebbing, a 2-metre high dam board will be placed across the navigation channel when the water level is at or below 3.25m Chart Datum, preventing navigation through the barrier. The cofferdam will remain in place until the next rising tide, when it'll be removed when as the tide level reaches approximately 3.25m Chart Datum and the cofferdam is re-flooded. The cofferdam will be installed daily and remain in place during the lower-tide periods (for approximately 6 hours). As the cofferdam will be in place over the lower-tide periods the effect on navigation should be minimal.

Three red lights, vertically disposed will be exhibited if the barrier is closed to navigation. Signage and a physical barrier will also be put in place to warn river users of navigation restrictions each working shift.

Navigation can recommence once the cofferdam has been removed and red lights are not exhibited. All signage will also be changed to indicate boats can pass through. The process will be repeated on each working window.

Further information may be obtained from Medway Navigation Service (VTS) on VHF Channel 74, call sign "Medway VTS" or telephone 0151 949 6656.

UKHO Chart No. 2572 refers.



**Captain Ian Clark AFRIN AFNI**  
**Manager Marine Operations**  
**Peel Ports London Medway**

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