

Jersey Harbour Authority

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Notice to Mariners No 27 of 2018

Consultation on the conversion of La Corbière Lighthouse main lamp to an LED light source

The current main light source at La Corbière Lighthouse is a 1000 watt metal halide lamp mounted inside a 2 panel revolving shutter array, floated on a mercury bath. Due to advancements in LED technology, it is proposed to install a 215 watt LED light source. This LED light can be flashed rather than rotated, which means that the mercury associated with the rotating shade can be removed from service.

The current ranges of Corbiere Lighthouse are 18nm in the white sector and 16nm range in the red sector. The red sector distinguishes dangers to the north and east. LED light sources are not as efficient as traditional lamps when passing through a red filter. Therefore there will be a small reduction in the range of the red sector as defined below:

1. The range of the current La Corbière Lighthouse White sector is 18 nautical miles. The range of the new light would be 18 nautical miles.
2. The range of the current La Corbière Lighthouse Red sector is 16 nautical miles. The range of the new light would be 14.5 nautical miles.

The other charted characteristics of the light will remain the same.

Ports of Jersey is undertaking a Navigational Risk Assessment and comment is sought from all those who navigate in Jersey's waters; and in particular those who navigate in the vicinity of La Corbière to assist in final assessment and decision-making. A review of comments will be undertaken by a Navigation Advisory Panel prior to any changes and a full review of comments made during this consultation will be published on the Ports of Jersey website.

Comments are to be directed to the Ports of Jersey Marine Operations Manager using e-mail jamie.dollimore@ports.je or in writing to the address as above for the attention of Marine Operations Manager.

This consultation will close on Monday 26 Novemeber 2018.

Captain W Sadler
Harbourmaster, Jersey Harbours

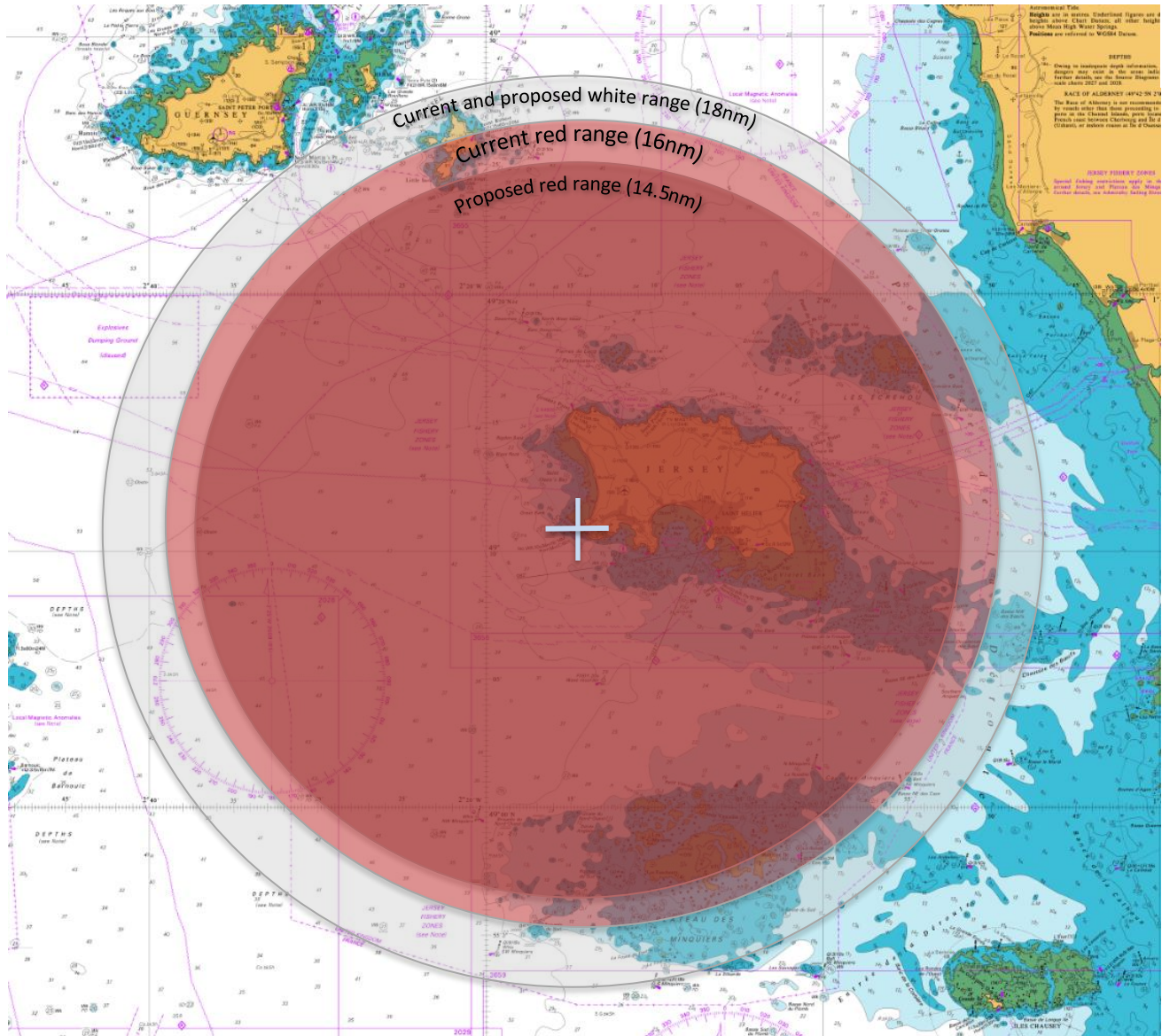
Monday, 12 November 2018

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Current and Proposed visible light ranges for comparison (for illustrative purposes only)



*Chart not be used for navigation.