

NOTICE TO MARINERS
No.8/10 B2, C4, D2, E3, F4, G3

GLA DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS) SERVICE

DGPS RECAPITALISATION WORKS

Mariners are advised that the replacement and upgrading of the GLAs¹ DGPS² service will now be completed by December, 2010 and not by April, 2010 as previously advised in Trinity House Notice to Mariners No.19/09 B8, C9, D2, E3, F2, G1 dated 30th April, 2009.

This upgrading will allow differential corrections to be transmitted for future GNSS and additional signals from existing GNSS. There will be no changes to the broadcast parameters (frequency, range etc.). The upgraded service will remain unencrypted and therefore free to users with appropriate receivers.

The following DGPS broadcast stations will now be upgraded by December, 2010.

<u>England & Wales</u>	<u>Scotland</u>	<u>Ireland</u>
Flamborough Head	Girdle Ness	Tory Island
Point Lynas	Stirling	Loop Head
North Foreland	Butt of Lewis	Mizen Head
St Catherine's	Sumburgh Head	
Nash Point		
Lizard		
Wormleighton		

The programme of work has been designed to ensure no disruption of the service to users. Individual stations will be taken off air for periods during this programme. However, adjacent stations will not be off air at the same time, thereby allowing the overlapping coverage of the system to provide continued service within the coverage area.

Broadcast station site specific works will be advised by use of a Radio Navigation Warning at least 48 hours prior to the commencement of works. Notification will also be broadcast by message 16 from adjacent DGPS stations.

By Order,

Captain R. H. Barker

Director of Navigational Requirements.

Trinity House,
London EC3N 4DH
16th March, 2010

Notes

¹ The General Lighthouse Authorities (GLA) consist of Trinity House (England & Wales), Northern Lighthouse Board (Scotland) and the Commissioners of Irish Lights (Ireland).

² The Differential Global Positioning System (DGPS) relies inherently on GPS, the operation and characteristics of which are outside the control of the GLAs and their respective governments. The GLAs strongly advise that no single aid to navigation system should be used in isolation and that GPS/DGPS users should use all alternative means available to cross-check the information received. Users should also ensure that they have a receiver which gives sufficient warning of the complete loss of the DGPS signal and reversion to GPS.