

NOTICE TO MARINERS
No.31/07 B12, C12, D7, E3, F5, G2

eLORAN TRANSMISSIONS

The General Lighthouse Authorities have conducted trials of LORAN, including those transmitted from the GLA's trial site in Rugby, over the last two years. These trials have demonstrated that LORAN has the capability to provide a complementary terrestrial alternative to the Global Navigation Satellite Systems.

In order to facilitate the longer term development of enhanced LORAN (eLORAN), the General Lighthouse Authorities will terminate their trial transmission service from Rugby with effect from 4th July, 2007.

On or about 1st October, 2007, the General Lighthouse Authorities will commence transmissions of an eLORAN service from Anthorn, Cumbria, of approximate Latitude 54° 54'.70N., Longitude 003° 17'.30W. This service will incorporate Eurofix DGNSs transmissions, and the facility to transmit both differential LORAN correction messages and Universal Co-ordinated Time (UTC) signals.

Maritime Users are strongly encouraged to use LORAN as a navigational input system to back-up the widespread use of GPS. Existing LORAN receiver users will require software upgrades from their equipment suppliers in order to use the new signal.

All radio navigation systems are susceptible to interference (including jamming) and environmental effects, which can adversely affect their availability. The GLAs strongly advise that no single aids to navigation system should be used in isolation and that users should use all alternative means available to cross check the information received.

The General Lighthouse Authorities are committed to the future of eLORAN as offering a terrestrial radionavigation system without the vulnerability to interference of GPS, and are keen to hear feedback from the user community as the performance of eLORAN.

By Order

Captain D. Glass,

Director of Navigational Requirements.

Trinity House,
London EC3N 4DH,
5th June, 2007.

Schedule A Distribution

UKHO
The Cruising Association
Commissioners of Irish Lights
Laurie Imray
Northern Lighthouse Board
Royal Yachting Association
Hanson Aggregates Marine: Operations Manager

Schedule B Distribution

Tees and Hartlepool Port Authority: Harbour Master
Port of Tyne authority: Captain M. Nicholson
ABP Humber: Harbour Master
Kings Lynn Conservancy Board: Harbour Master
ABP Lowestoft: Harbour Master
Harwich Haven Authority: Harbour Master
Dover Coast Guard: District Controller
Great Yarmouth Port Authority: Harbour Master
Yarmouth MRCC

Schedule C Distribution

Dover Coast Guards
Thanet District council
ESTSERV
Dover Harbour Board
Harwich Haven Authority
ABP Lowestoft: Harbour Master
Yarmouth MRCC
Environment Agency
Port of London Authority
PLAGRA
PLA Hydrographic
PLA Pilotage
Medway Ports
SPA
South Coast Shipping
Whistable Harbour Master

Schedule D Distribution

Weymouth and Portland Borough Council: Harbour Master

Chichester Harbour Authority: Harbour Master
Cowes Harbour Commissioners: Harbour Master
Poole Harbour Commissioners: Harbour Master
Associated British Ports Southampton: Harbour Master
Shoreham Port Authority: Harbour Master
Yarmouth (IOW) Harbour Commissioners: Harbour Master

Schedule E Distribution

Dover Coast Guard
Duchy Cornwall
Fowey Harbour Commissioners
Falmouth Harbour Commissioners

Schedule F Distribution

The Bristol Port Company: Haven master
Mostyn Docks Ltd: Agency Manager
Associated British Ports, Cardiff & Barry: Marine Operations Manager
Associated British Ports Newport: The Dock Manager
Milford Haven Port Authority: Harbour Master
Port of Bridgewater: The Harbour Master

Schedule G Distribution

Associated British Ports, Barrow: Port Manager
Mersey Docks and Harbour Co.: Harbour Master
Mostyn Docks: Harbour Master
Port of Workington: Harbour Master
Harbour Master: Dee Conservancy Board.