



Navigation Directorate

Trinity House

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To:- See Distribution

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NAV 167027

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Dear Colleague

User Consultation – Bardsey Island Lighthouse

We are currently planning the re-engineering of Bardsey Island Lighthouse during which existing obsolete equipment will be replaced. As part of the planning we are reviewing the aids to navigation currently exhibited from this lighthouse and are therefore consulting with users to ensure that our proposals meet the user requirement.

Bardsey Island Lighthouse is situated at the south of Bardsey Island off the Lleyn Peninsula in Cardigan Bay, West Coast of Wales, in position Latitude 52° 44'.98N., Longitude 004° 48'.01W. (see UK Hydrographic Office chart 1971). Currently a group flashing five every fifteen seconds WHITE light (Fl (5) W 15s) is exhibited, which has the following composition:-

flash 0.1 seconds, eclipse 1.8 seconds
flash 0.1 seconds, eclipse 1.8 seconds
flash 0.1 seconds, eclipse 1.8 seconds
flash 0.1 seconds, eclipse 1.8 seconds
flash 0.1seconds, eclipse 7.3 seconds

The light has a nominal range of 26 nautical miles and is exhibited continuously through 24 hours. In addition a fog signal with a character of Morse N and an IALA Usual Range of 2 nautical miles is sounded in conditions of reduced visibility.

On re-engineering it is proposed to exhibit a RED light and to alter the light character to one flash every five seconds (Fl 5s), reduce the nominal range of the light to 18 nautical miles and the hours of exhibition to "night time & fog" only. A LED lantern will be utilised enabling a considerable reduction in maintenance to be achieved. The different lantern arrangement will mean that the light is sharper however there will no longer be the loom currently associated with the existing rotating optic. The light will however continue to be exhibited from the existing tower which will continue to exhibit its characteristic daymark (alternate red & white horizontal bands). It is intended to discontinue the fog signal. Because of the nature of these changes, at least 3 months advance notification will be given by Trinity House Notice to Mariners.

It would be greatly appreciated if you could arrange to seek the views of those members of your organisation who are marine users of this lighthouse on the changes proposed and submit them by 11 September. Please bear in mind when making your response that this consultation is concerned with determining the navigational requirements and the impacts of the proposed changes for the mariner.

This letter has been sent to those listed in the distribution. If there are organisations which you consider would wish to comment on the proposal but have not been included in the distribution of this letter, please let me know so that we can also invite them to contribute to this consultation.

All responses to this consultation will be acknowledged when received and we will let you know how we intend to proceed after the results of the consultation have been considered.

Thank you in anticipation of your assistance.

Yours sincerely



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Distribution

Members of the Trinity House Users Consultative Committee

Mr S Carruthers / Mr D Darbyshire, Royal Yachting Association.
Mr B Grant, Conference of Yacht Cruising Clubs
Mr S Sachdeva, Chamber of Shipping
Mr J Hudson, National Federation of Fisherman's Organisation
Mr M Russell, British Marine Aggregate Producers Association
Mr K Tatman / Capt P Townsend, Maritime & Coastguard Agency
Mr T Wellington, UKHO
Commander G Abernethy, CinC Fleet
Mr R Payne, Royal Institute of Navigation
Captain H Gale, Nautical Institute
Mr M North, National Federation of Sea Anglers
Mr P Bradley, Royal National Lifeboat Institution
Captain A Graveson, Nautilus
Mr R Bird, UK Major Ports Group.

Local Port & Harbour Authorities

Port Manager, Stena Line Ports Ltd., Fishguard.
Harbour Master, Caernarfon Harbour Trust.
Harbour Master, Stena Line Ports Ltd., Holyhead.
Harbour Master, Ceredigion County Council.
Maritime Officer, Gwynedd Council.
R Dickinson, Carmarthenshire Council

Other Local etc.. Interests

Harbour Master, Llanbedr & Pensarn Yacht Club.
South Caernarvonshire Yacht Club,
North Western & North Wales Sea Fisheries Committee.
South Wales Sea Fisheries Committee.
Cruising Association.

CC:-

Trinity House Internal Addressees

Commodore J Scorer, Director of Operations
Captain S Robinson, Marine Operations & Logistics Manager
Captain A Wright, Operations & Planning Manager
OPC, Harwich
Captains, THV Patricia and THV Galatea
Mr P Binding, THV Mair
Mr P Kelly, Planning & Project Development Manager
Mr S Millyard, Field Operations Manager
Mr J Price, Legal & Risk Manager
Ms V Gilson, Communication Manager
Mr C Evans, Attendant, Bardsey Island Lighthouse

Other Local, etc. Interests (for information)

P Davies, Bardsey Bird & Field Observatory
J Gould, Joint Nature Conservation Committee
RSPB, Bangor
Welsh Assembly Government
K Rawins, Countryside Council for Wales
J Griffiths, Bardsey Island Trust.

