

Subject:

Navigational Equipment for Non-
Japanese Ships Under 1981 Amendments
to 1974 SOLAS/1978 PROTOCOL

NK TECHNICAL INFORMATION

No. 17

Date: June 7, 1984

To Shipowners and Shipyards concerned

The 1981 Amendments to the 1974 SOLAS/1978 PROTOCOL, which will enter into force on and after 1 September 1984, specify in Regulation 12 of Chapter V the requirements for installation of navigational equipment and for their performance standards.

By this Technical Information, we would invite your attention to the requirements for those performance standards, specified in Regulation 12 (r).

According to this Regulation, performance standards applicable to navigational equipment vary according to the dates of their installation on board, but not to the date of a ship's keel laid: i.e., navigational equipment manufactured to the existing performance standards are acceptable provided that they are installed on board before 1 September 1984.

On the other hand, those which are to be installed on board on and after 1 September 1984 should be of types manufactured and approved to new IMO performance standards, and some of new performance standards, such as those for radar and magnetic compasses, are different to considerable extent from the existing ones.

Thus, when deciding types of navigational equipment to be installed for a specific ship, you are invited to pay your special attention to the above. If you are planning to install navigational equipment manufactured to the existing performance standards and to complete installation of them before 1 September 1984, you are kindly requested to contact a nearest branch office of this Society and apply for survey for confirmation of the dates of installation of them at the time of completion of installation or at any date before 31 August, 1984. The results of the confirmation will be taken into consideration when the Surveyor conducts, upon request, a cargo ship safety equipment and/or cargo ship safety radio survey to ascertain compliance of navigational equipment with regulation 12.



The definition of the words "installation" or "to be installed" differs depending on which flag the ship will fly. You are also requested to contact the branch office in charge of surveys and ask for further information in this respect.

Finally, as we have just drawn your attention in the above, navigational equipment which are to be installed on board ships on and after 1 September 1984 should be of types manufactured and approved to the new IMO performance standards, which are listed below for your quick reference:

1. Magnetic Compasses Carriage and Performance Standards:
(IMO Resolution A.382 (X))
2. Performance Standards for Gyro-Compasses (IMO Resolution A.424 (XI))
3. Performance Standards for Radar Equipment (IMO Resolution A.477 (XII))
4. Performance Standards for Automatic Radar Plotting Aids (ARPA)
(IMO Resolution A.422 (XI))
5. Performance Standards for Echo-Sounding Equipment
(IMO Resolution A.224 (VII))
6. Performance Standards for Devices to Indicate Speed and Distance
(IMO Resolution A.478 (XII))
7. Performance Standards for Radio Direction-Finding Systems
(IMO Resolution A.223 (VII))
8. Performance Standards for Rate-of Turn Indicator
(IMO Resolution A.526 (XIII))

Regards

The definition of the words "installation" or "to be installed" differs depending on which flag the ship will fly. You are also requested to contact the branch office in charge of surveys and ask for further information in this respect.

Finally, as we have just drawn your attention in the above, navigational equipment which are to be installed on board ships on and after 1 September 1984 should be of types manufactured and approved to the new IMO performance standards, which are listed below for your quick reference:

1. Magnetic Compasses Carriage and Performance Standards:
(IMO Resolution A.382 (X))
2. Performance Standards for Gyro-Compasses (IMO Resolution A.424 (XI))
3. Performance Standards for Radar Equipment (IMO Resolution A.477 (XII))
4. Performance Standards for Automatic Radar Plotting Aids (ARPA)
(IMO Resolution A.422 (XI))
5. Performance Standards for Echo-Sounding Equipment
(IMO Resolution A.224 (VII))
6. Performance Standards for Devices to Indicate Speed and Distance
(IMO Resolution A.478 (XII))
7. Performance Standards for Radio Direction-Finding Systems
(IMO Resolution A.223 (VII))
8. Performance Standards for Rate-of Turn Indicator
(IMO Resolution A.526 (XIII))

Regards