

Subject :

Approval of Drawings/Documents Related
to GMDSS Radio Equipment To Be Installed
On Board Non-Japanese GMDSS Ships

NKTECHNICAL INFORMATION

No. : 200

Date : 20th November 1996

To Shipowners and Shipbuilders

The 1988 Amendments to the SOLAS Convention relating to GMDSS require to comply with the whole GMDSS requirements for ships to be built on and after 1 February 1995 (new ships) by that date, and for ships built before 1 February 1995 (existing ships) by 1 February 1999.

In order for parties concerned to proceed with installation of GMDSS radio equipment as required by the amended SOLAS Convention on board ships smoothly, the Rules for Radio Installations of the Society specify the requirement for approval of drawings and documents of GMDSS radio equipment by the head office in advance of installation of them on board ships.

Where GMDSS radio equipment are planned to be installed on board new ships/existing ships, it is sincerely requested that arrangements should be made with parties concerned to submit the respective drawings and documents to Material and Equipment Department of the Society's head office for approval well in advance. Attached are extracts from the respective sections of the Rules and Guidelines.

For information, one copy of each of the drawings and documents approved by the Society will be returned to the applicant, and, if a port of survey is fixed, send another copy to the office near to the port. In case where no decision has been made for a port of survey, two copies of each of the drawings and documents approved will be returned to the applicant requesting them to forward one copy to the office near to a port of survey as soon as it is fixed.

Attachment

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Extract from the Rules for Radio Installations

2.2 Registration Surveys

2.2.1 Submission of Plans and Documents for Approval

For ships intending to undergo a Registration Survey, the following plans and documents are to be submitted to the Society for approval.

- (1) specifications and equipment list for GMDSS (including calculations of capacity of a reserve source (batteries));
- (2) arrangement of radio equipment and radio life-saving appliances;
- (3) electrical wiring diagrams of radio installations; and
- (4) arrangement of antennae.

Extract from the Guidance for Radio Installations

2.2 Registration Surveys

2.2.1 Submission of Plans and Documents for Approval

- 1 The specifications and equipment list referred to in 2.2.1(1) of the Rules (for Radio Installations) are to include the following items:
 - (1) ship's name, ship builder's name and hull number, name of flag State, and gross tonnage;
 - (2) specifications (names of manufacturers, types, type approval numbers, sets) of radio installations and radio life-saving appliances;
 - (3) specifications of duplicated radio installations if duplication is adopted as a means of ensuring availability;
 - (4) secondary means of alerting;
 - (5) sea areas in which the ship is engaged, and the means of maintenance (shore-based, at-sea electronic maintenance, etc.) adopted;
 - (6) specifications of main, emergency and reserve sources of electrical power, and calculation sheets for capacity of accumulator batteries for reserve source of energy;
 - (7) specifications of radiocommunication installations and radionavigational equipment other than GMDSS radio installations.

- 2 Drawings for arrangements specified in 2.2.1(2) of the Rules are to include those for radio installations fitted in the position from which the ship is normally navigated, those for lighting provided for radio installations fed from a source which is separated from the main and the emergency sources of electrical power, and those for radio life-saving appliances.
- 3 Drawings for electrical wiring diagrams specified in 2.2.1(3) of the Rules are to include those for power supplies to radio installations.
- 4 Drawings for antenna arrangements specified in 2.2.1(4) of the Rules are to show the relative location of the antenna used for INMARSAT communication installations to the ship's structure in those cases where INMARSAT communication installations are mandatory.

VOID