

Subject:

**Equivalent Arrangements to Radio-
telegraph Installations and Distress
Frequency Watchkeeping Requirements
of Singapore Flag Ships**

NK TECHNICAL INFORMATION

No. 71

Date: 15 April, 1988

To Shipowners and Shipbuilders concerned

This Technical Information should be read in conjunction with our Technical Information No.67 regarding the subject matter.

With reference to the equivalent arrangements to the radiotelegraph installations of the Singapore flag ships, we are attaching hereto a copy of another IMO Circular, SLS. 14/Circ. 45 dated 13 March 1984 for your ready reference.

As described in IMO Circular, SLS. 14/Circ. 79 distributed with the previous Technical Information No.67, the installations which comply with the provisions of both IMO Circulars, SLS.14/Circ. 45 and SLS.14/Circ.79, may be accepted as the equivalent to the radiotelegraph distress frequency (500 KHz) watchkeeping requirements prescribed in the relevant provisions of SOLAS 1974 as amended.

Encl.



INTERNATIONAL MARITIME ORGANIZATION

4 ALBERT EMBANKMENT,
LONDON SE1 7SR

Telephone: 01-735 7611

Telegrams: INTERMAR-LONDON SE1

Telex: 23588



SLS.14/Circ.45
13 March 1984

IMO

Ref. TI/2.08

INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA, 1974

**Equivalent arrangement accepted under Regulation 5
of Chapter I**

LIFE-SAVING APPLIANCES

Statement by the Government of Singapore

The Secretary-General of the International Maritime Organization has the honour to transmit herewith the text of a statement by the Government of Singapore under the provisions of Regulation 5, Chapter I of the above Convention.

The Secretary-General would be grateful if steps could be taken to bring this information to the attention of the appropriate authorities.

STATEMENT BY THE GOVERNMENT OF SINGAPORE

1 REGULATION 5, CHAPTER I - EQUIVALENTS

1.1 In accordance with the provisions of Regulation 5 of Chapter I of the above Convention, the Singapore Government hereby notifies the Organization as stipulated in sub-paragraph 5(b), the decision to allow on board individual ships under its jurisdiction the installation of:

- .1 a ship earth station as the main installation; and
- .2 an enhanced MF/HF station as the reserve installation,

as equivalent to the radiotelegraph station required by Regulation 3 and described in Regulation 10 of Chapter IV.

2 CONDITIONS FOR GRANTING AN EQUIVALENT ARRANGEMENT

2.1 The minimum requirements of the ship earth station in paragraph 1.1.1 are as follows:

- .1 the model of the ship earth station shall be of a type that has been type-approved by INMARSAT and type-accepted by the Singapore Government;
- .2 the ship earth station shall be successfully commissioned by INMARSAT for telephone and telex traffic as well as distress, urgency and safety;
- .3 the ship earth station antenna is to be so located on the ship as to maintain a free line of sight to the satellite in all directions under extreme movements of the ship;
- .4 the ship earth station antenna and other antenna systems shall be sufficiently separated to avoid mutual interference; and
- .5 the ship earth station shall be provided with electrical power from the main source and also be connected to the emergency source of energy as specified in Regulations 25 and 26 of Chapter II-1, Part C.

2.2 The minimum requirements of the enhanced MF/HF station in paragraph 1.1.2 are as follows:

- .1 the reserve installation shall include a MF/HF transmitter and receiver capable of transmitting and receiving by radiotelegraphy and radiotelephony and distress and safety frequencies as well as the necessary working frequencies in each of the MF and HF maritime bands;

- .2 the minimum transmitting range of the transmitter at 500 kHz and 2182 kHz should be 150 nautical miles by day and under normal conditions and circumstances;
 - .3 the reserve installation shall be capable of working both from the main and reserve source of energy as required by Regulation 10(a)(iii) of Chapter IV; and
 - .4 the transmitter and receiver shall be capable of being connected to either of the two antennae required by Regulation 10(a)(iv) of Chapter IV, but this requirement does not apply for the receiver in installations where exclusive receiving antennae are installed.
- 2.3 Except for those conditions mentioned above, the radio installation shall comply with all the requirements of the relevant Regulations of the Convention.

3 REQUIREMENTS OF OPERATOR'S CERTIFICATES FOR SHIP EARTH STATIONS AND SHIP STATIONS

- 3.1 The service of such a ship earth station and the enhanced MF/HF station mentioned above, shall be controlled by a person holding a certificate in accordance with the provisions of the ITU Radio Regulations (1982 edition) Nos.3862 and 3860, respectively.
-