

**TECHNICAL CONDITIONS FOR THE EQUIPMENT THAT
SWITCHES TRANSMISSION AND RECEPTION OF RADIO
TELEPHONE OF A RADIO STATION FOR MARITIME MOBILE
SERVICE AND THAT CONDUCTS THE SWITCHING
OPERATION BY MEANS OF VOICE**

(Article 19 of the Ordinance Regulating Radio Equipment)

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Ministry of Posts and Telecommunications Announcement No. 411

Finally amended in No. 428 on June 8, 1983

The technical conditions for the equipment that switches transmission and reception of radio telephone of a radio station for maritime mobile service with the aim of performing a public telecommunication service and that conducts the switching operation by means of voice shall be stipulated pursuant to the provisions of Article 19 paragraph 4 of the Ordinance Regulating Radio Equipment (Radio Regulatory Commission Regulations No. 18 of 1950), as follows.

1 Switching equipment at ship stations

- 1) When the input level at which both the antenna power in the case of class R3E emissions or class J3E emissions used for the switching equipment, and the degree of modulation in the case of class H3E emissions used for it become maximum is -25 dB, the time required from when an input signal is added to the said equipment until when the amplitude of the output signal of the transmitter becomes $1/2$ of the maximum amplitude (hereinafter referred to "operation time") shall be 20 ms or shorter. The time required from when the input signal of the said equipment is terminated until when the amplitude of the output signal of the transmitter becomes $1/2$ of the maximum amplitude (hereinafter referred to as "recovery time") shall be within a range of 40 ms to 170 ms.
- 2) When the input level at which both the antenna power in the case of class R3E emissions or class J3E emissions being used or the degree of modulation in the case of class H3E emissions being used become maximum is -6 dB to -25 dB, it shall be possible to adjust the threshold point within which the switching equipment can operate.

2 Switching equipment at coast stations

At the input level 1 dB higher than the input level required for the operation of the switching equipment, the operation time shall 5 ms or shorter, and the recovery time shall be within a range of 10 ms to 50 ms as much as possible.