

RECOMMENDATION ITU-R M.1175*

**AUTOMATIC RECEIVING EQUIPMENT FOR RADIOTELEGRAPH
AND RADIOTELEPHONE ALARM SIGNALS**

(1995)

The ITU Radiocommunication Assembly,

considering

a) that there is a need to describe the automatic receiving equipment for radiotelegraph and radiotelephone alarm signals,

recommends

1 that automatic receiving equipment for radiotelegraph and radiotelephone alarm signals should fulfil the conditions contained in Annex 1.

ANNEX 1

**Automatic receiving equipment for radiotelegraph
and radiotelephone alarm signals**

1 Automatic devices intended for the reception of the radiotelegraph alarm signal shall fulfil the following conditions:

- a) the equipment shall respond to the alarm signal transmitted by the telegraphic emissions of at least class A2B and H2B (see RR No. S52.18 [No. 4216]);
- b) the equipment shall respond to the alarm signal through interference (provided it is not continuous) caused by atmospherics and powerful signals other than the alarm signal, preferably without any manual adjustment being required during any period of watch maintained by the apparatus;
- c) the equipment shall not be actuated by atmospherics or by strong signals other than the alarm signal;
- d) the equipment shall possess a minimum sensitivity such that with negligible atmospheric interference, it is capable of being operated by the alarm signal transmitted by the emergency transmitter of a ship station at any distance from this station up to the normal range fixed for this transmitter by the International Convention for the Safety of Life at Sea, and preferably at greater distances;
- e) the equipment should, as far as practicable, give warning of any faults that would prevent the apparatus from functioning normally during watch hours.

* This Recommendation should be brought to the attention of the International Maritime Organization (IMO).

Note by the Secretariat: The references made to the Radio Regulations (RR) in this Recommendation refer to the RR as revised by the World Radiocommunication Conference 1995. These elements of the RR will come into force on 1 June 1998. Where applicable, the equivalent references in the current RR are also provided in square brackets.

2 Automatic devices intended for the reception of the radiotelephone alarm signal shall fulfil the following conditions:

- a)* the equipment shall respond to the alarm signal through intermittent interference caused by atmospherics and powerful signals other than the alarm signal, preferably without any manual adjustment being required during any period of watch maintained by the equipment;
 - b)* the equipment shall not be actuated by atmospherics or by strong signals other than the alarm signal;
 - c)* the equipment shall be effective beyond the range at which speech transmission is satisfactory and it should, as far as practicable, give warning of faults that would prevent the apparatus from performing its normal function during watch hours.
-