

METRIC

A-A-59002/1

31 May 1995
Superseding
MIL-L-24223/1
22 October 1986

COMMERCIAL ITEM DESCRIPTION

LOUDSPEAKER, SHIPBOARD ANNOUNCING SYSTEMS ENCASED,
70.7 VOLT, 1 TO 5 VOLT-AMPERES

The General Services Administration has authorized the use of this commercial item description as a replacement for MIL-L-24223/1 which is canceled.

The requirements for acquiring the loudspeaker herein shall consist of this specification and the latest issue of A-A-59002.

1. Scope. This Commercial Item Description covers requirements for an interior shipboard announcing loudspeaker.

2. Salient characteristics.

2.1 Dimensions and weight. See figure 1.

2.2 Front face assembly. The front face assembly shall mount the loudspeaker element, transformer, and volume control switch (if applicable). The front face assembly shall be chain bolted to the mounted enclosure.

2.3 Drainage hole or slot. A drainage hole, with maximum dimension of 10 mm and minimum dimension of 6 mm, shall be provided through the bottom, (when bulkhead mounted), front edge of the mounted portion of the enclosure.

2.4 Protective screen. Any protective screen attached to the front face speaker opening must not reduce the open area by more than 30 percent.

2.5 Enclosure. In accordance with figure 1. Speaker element mounting shall be in accordance with EIA RS 278. Application is shipboard, sheltered.

2.6 Cable entrance. Stuffing tube is to be provided by installing activity. Two holes shall be provided in the bottom of the loudspeaker enclosure. One hole shall be filled with a plastic plug.

2.7 Peak volt-ampere capacity. At least 2.50 time maximum volt-ampere of Table I. Testing in accordance with A-A-59002.

2.8 Sound pressure output. Decibel (dB) re 20 micropascals at 1.524 m on-axis shall be as specified in Table I; with not more than the volt-ampere input specified in Table I, when measured in accordance with A-A-59002.

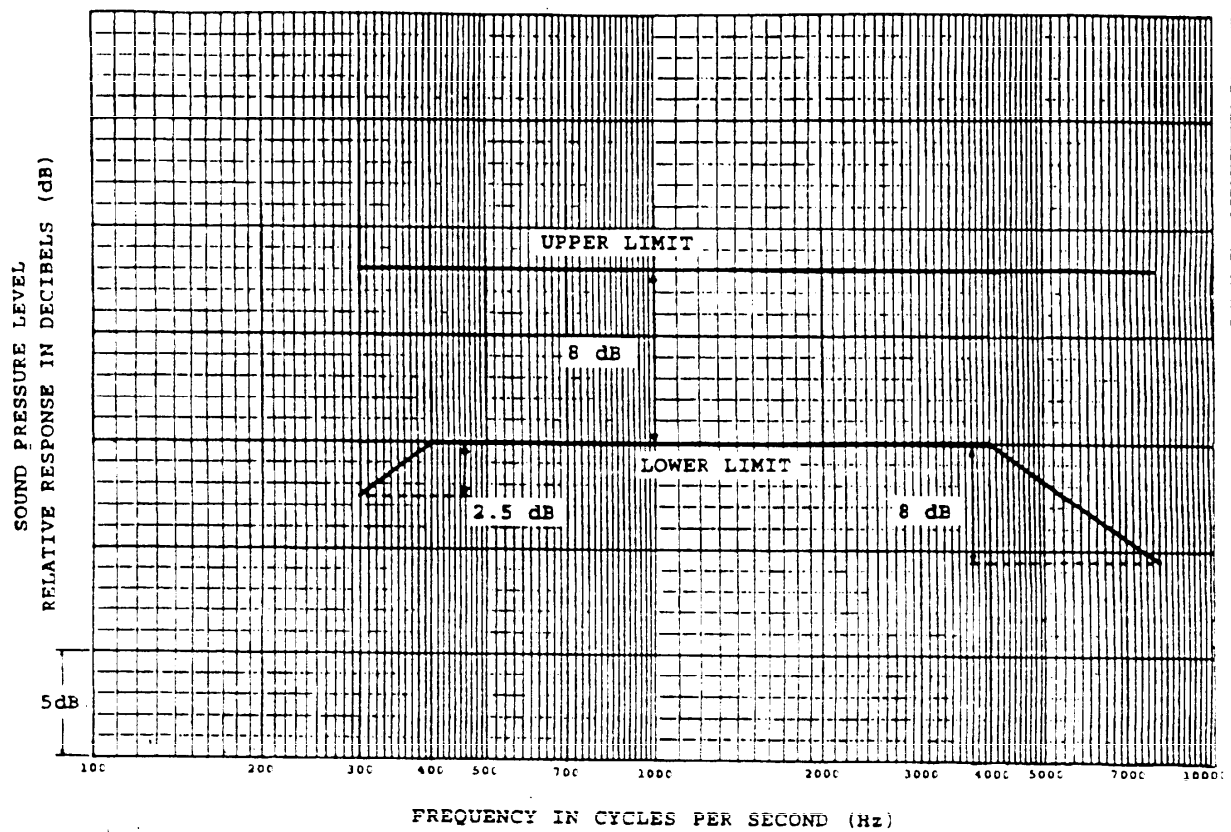
2.9 Loudspeaker coverage angle. 180 degrees in the vertical and horizontal planes, measured as specified in A-A-59002.

AMSC N/A

FSC 6320

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

A-A-59002/1

FIGURE 2. Frequency response.

Preparing Activity:
Navy - SH
(Project 6320-0042)