

DOD-STD-1399 (NAVY)
SECTION 304
20 January 1978

MILITARY STANDARD
INTERFACE STANDARD FOR SHIPBOARD SYSTEMS
SECTION 304
ELECTRICAL CABLES AND CONNECTORS

This Military Standard is approved for use by the Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

1. GENERAL AND SCOPE

1.1 General. The policies and procedures established by DOD-STD-1399 are mandatory. This section and the basic standard are to be viewed as an integral single document.

1.2 Scope. This section establishes interface requirements for the optimum selection of electrical connectors for shipboard equipment to ensure mutual compatibility between such connectors and the associated electrical cables.

2. REFERENCED DOCUMENTS

2.1 Issues of documents. The following documents, of the issue in effect on date of invitation for bids or request for proposal, form a part of this standard to the extent specified herein.

STANDARDS

MILITARY

MIL-STD-242 - Electronic Equipment Parts (Selected Standards).
MIL-STD-1683 - Connectors and Jacketed Cable, Electric, Selection Standard for Shipboard Use.

(Copies of specifications, standards, drawings, and publications required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

3. Requirements. The specific interface constraints established herein are mandatory (see section 4 "Requirements" of DOD-STD-1399).

4. Interface characteristics and constraints. The interface characteristics of shipboard electrical cable shall be considered in the selection of a suitable connector and impose constraints on the determination of the proper connector for use with such cable. Connectors shall be compatible with the cable to which they are mated. Connectors shall be selected as specified in MIL-STD-1683, which lists all standard electrical connectors. Rf connectors for use with rf cable shall be selected as specified in MIL-STD-242.

5. Deviations. If it is deemed necessary to deviate from the characteristics and constraints specified herein the provisions of section 6 "Deviations" of DOD-STD-1399 shall be complied with.

Review activities:

AS, EC, YD

User activities:

MC, CG

Preparing activity:

Navy - SH

(Project 1990-N023)

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, Naval Ship Engineering Center, SEC 6124, Department of the Navy, Washington, DC 20362 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.