



Standard Specification for Desk, Log, Marine, Steel, with Cabinet¹

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1. Scope

1.1 This specification covers the construction of marine log desks of steel construction with cabinets.

1.2 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

1.3 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 ASTM Standards:²

A1008/A1008M Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Required Hardness, Solution Hardened, and Bake Hardenable

D907 Terminology of Adhesives

F782 Specification for Doors, Furniture, Marine

F825 Specification for Drawers, Furniture, Marine, Steel

F826 Specification for Tops, Furniture, Marine, Steel

2.2 AISI Manual:³

AISI Wire and Sheet Metal Gauges Equivalent Thickness in Decimals of an Inch, U.S. Standard Gauge (USSG) for Uncoated Hot and Cold Rolled Sheets

3. Terminology

3.1 Definitions of Terms Specific to This Standard:

¹ This specification is under the jurisdiction of ASTM Committee F25 on Ships and Marine Technology and is the direct responsibility of Subcommittee F25.03 on Outfitting and Deck Machinery.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ Available from American Institute of Steel Construction (AISC), 130 E. Randolph St., Suite 2000, Chicago, IL 60601-6219, <http://www.aisc.org>.

3.1.1 *log desk with cabinet*—a desk with attached cabinet located in various places aboard ship for making records and for storage. Log desk has a drawer with a writing surface at the top and a cabinet with adjustable shelves and doors below.

4. Ordering Information

4.1 Orders for items purchased under this specification shall include the following information:

4.1.1 Quantity.

4.1.2 Paint:

4.1.2.1 *Color*—Purchaser shall pick from manufacturer's samples or submit sample chip of color desired.

4.1.2.2 Manufacturer's standard baked enamel will be furnished unless otherwise required and indicated by the purchaser.

4.1.3 Options for Tops:

4.1.3.1 Unless otherwise specified in the ordering documents, the top supplied by the furniture manufacturer may be, at his option, Type I, II, III, or IV in accordance with Specification F826.

4.1.3.2 Color or pattern of top covering material shall be specified.

4.1.4 *Options for Drawers*—Drawer locks shall be furnished only when specified in ordering documents. Master keying of drawer locks will not be provided unless required and defined by the ordering documents. See Specification F825 for lock description.

4.1.5 *Options for Doors*—Door locks shall be furnished only when specified in ordering documents. Master keying of door locks will not be provided unless required and defined in the ordering documents. Doors shall be Type I in accordance with Specification F782.

4.1.6 If the total weight of the chest of drawers is required it shall be requested by the purchaser.

5. Materials and Manufacture

5.1 For typical design, see Fig. 1.

5.2 Sheet metal shall be in accordance with Specification A1008/A1008M, commercial quality.

5.2.1 Minimum sheet metal thickness shall be:

5.2.1.1 Sides and front rails 0.042 in. (1.06 mm).

5.2.1.2 Back 0.032 in. (0.81 mm).

5.2.1.3 Base frame 0.053 in. (1.34 mm).