

CHAPTER 42

LABELING

42-1 GENERAL:-

There are four classifications of label plates provided on the LSM;

- (a) Identification Label Plates.
- (b) Closure Classification Label Plates.
- (c) Capacity, Gage, and Working Load Label Plates.
- (d) Special Label Plates.

42-2 IDENTIFICATION LABEL PLATES:-

Identification Label Plates are for the purpose of identifying and locating the space, fitting or object on board ship. They are provided for compartments, doors, hatches, manholes, bulkheads, frames, systems and guns.

- (a) Compartments are numbered in accordance with the scheme outlined in CHAPTER 41. The label plates are located, as far as practicable, to clearly indicate the compartment being entered. The inscription will give the door, hatch, or manhole number and compartment description and number. Door, hatch, and manhole plates are combined with compartment plates and whenever possible, with capacity plates. The following is an example:

1 - 9 - 1  
Bow Door Mach.  
A - 101 - EV

The first line of the above inscription gives the access door number. The second line gives the compartment designation and the third line the compartment number.

(b) Doors, Hatches, and Manholes:-

Except as otherwise specified, labels on doors and hatches designate only the compartment to be entered. In the case of

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42-2 IDENTIFICATION LABEL PLATES:-

(b) (cont'd.)

hatches, the labels designate only the space below.

The label on a hatch or door opening into a trunk from which a number of compartments have access designates all such compartments.

Similarly, the labels on hatches or doors so located in the normal access route that they serve as points of departure for access to a number of compartments normally kept locked, such as storerooms, designate all compartments so served.

The door, hatch, or manhole number consists of two or three parts, separated by hyphens. The first part corresponds to the deck number as given in CHAPTER 41. The second part designates the frame number. The third part gives the number of the fitting if there is more than one door for example on the same frame on the deck designated by the first part; if not, the third part is omitted. For the first part of their numbers, hatches and manholes take the number of the deck through which they are cut. Odd numbers are used in the third part for doors, hatches and manholes located on the starboard side and even numbers on the port side. For example: DOOR 1-9-1, is on the Main Deck, frame 9, or between frames 9 and 10, starboard side.

Door 1-9-2, is on the Main Deck, frame 9, or between frames 9 and 10, port side.

Hatch 01-26-1, is on the Superstructure Deck, frame 26, or between frames 26 and 27 starboard side.

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42-2 IDENTIFICATION LABEL PLATES:-

(b) (cont'd.)

Hatch 01-26-2, is on the Superstructure Deck, frame 26, or between frames 26 and 27, port side.

(c) Frames

Every fifth frame is numbered so as to locate readily any place in the ship. The plate is inscribed, for example as:

FRAME 10

The plates are placed on beams in the most conspicuous place available and as near the bottom edge of the beam as practicable. On the weather decks or decks having no beams above, they are placed on hammock berthing, bulwarks, superstructure or deck houses at a suitable height above the deck.

(d) Bulkheads

Each transverse bulkhead has at least one number plate in each compartment. Bulkhead number plates are combined with door, compartment and capacity plates wherever possible. When individual bulkhead plates are placed, the inscription takes the number of the frame where they are located such as:

BH 14

In general, bulkhead plates are provided for solid bulkheads in all tight compartments, except that label plates are not placed in tanks, voids, or cofferdams.

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42-2 IDENTIFICATION LABEL PLATES:-

(e) Piping Systems

Identification Label Plates are fitted for valves and manifolds and for distant operating gear in each of the following piping systems:

- (1) Fuel Oil Suction and Transfer System.
- (2) Drainage System.
- (3) Fire System.
- (4) Compressed Air System.
- (5) Magazine Sprinkling System.
- (6) Sanitary, Flushing and Fresh Water System.
- (7) Steam Heating System.

Identification label plates are also provided for the following:

- (1) Filling Connections (oil, water, etc.)
- (2) Sounding Tubes.
- (3) Air Escapes.
- (4) Sea Floods.
- (5) Voice Tubes.

(f) Ventilating System

Identification labels are provided for the ventilating system and are numbered in accordance with the scheme for doors, paragraph (b) above.

(g) Guns

All guns are numbered consecutively from forward aft; odd numbers to starboard, even numbers to port. The numbers of the guns are painted in a conspicuous position in close proximity to the guns.

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42-5 CLOSURE CLASSIFICATION LABEL PLATES:-

In addition to the Identification Label Plates, Closure Classification Label Plates are provided for all watertight, oil tight, or airtight access openings in compartmentation boundaries, such as doors, hatches, and manholes, except bolted manholes.

Closure Classification Label Plates are also provided for piping systems and ventilating systems.

(a) Doors, Hatches, and Manholes

The Closure Classification Label Plates are inscribed with single plain block letter X, Y, Z or W. The list of access doors, hatches and manholes with the particular designating letter used for each is given in TABLE 11-5, CHAPTER 11, "Watertight Integrity Bill."

The significance of these letters is as follows:

- "X" - Closed at all times except during periods of inspection or continuous use.
- "Y" - Closed outside of working hours.
- "Z" - Closed in action or emergency.
- "W" - Open during action.

The X, Y, and W plates have black letters; the Z plates have red letters.

The label plates are secured to the closure part of the opening, one plate being provided for each side of the fitting so that the plate is visible from both sides, except manholes which are fitted only on the side visible from outside the space to which it gives access.

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42-3 CLOSURE CLASSIFICATION LABEL PLATES:-

(b) Piping Systems

In addition to the Identification Labels required for piping systems, closure classification labels will be fitted to valves, manifolds and operating gear, except those which are obviously closed when not in use, such as suction valves from fuel oil transfer lines to individual fuel oil tanks, fire plugs, etc. The complete list of closures for valves, manifolds and operating gear with the closure classification for each is given in TABLE 11-5, CHAPTER 11, "Watertight Integrity Bill."

(c) Ventilating System

No closure classification plates are fitted to the Ventilating System as there are no closures on this system.

42-4 CAPACITY, GAGE, AND WORKING LOAD PLATES:-

Capacity Plates will be combined with door, hatch or manhole plates wherever possible.

Label plates for drinking water, reserve feed, ballast, fuel oil and lubricating oil tanks show the number of the compartment and the capacity. The inscription gives a description of the compartment or tank and number on the upper line and the capacity on the lower line. Thus, for an inner-bottom reserve feed water tank in the "B" division of the vessel, it is:

RESERVE FEED B-907W  
2.32 T

and for a Fresh Water Tank in the "C" division of the vessel, it is:

FRESH WATER TANK C-901W  
2,601 Gals. - 9.66 T

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42-4 CAPACITY, GAGE, AND WORKING LOAD PLATES:-

and for a Diesel Oil Tank in the "A" division of the vessel, it is:

DIESEL OIL TANK A-902F  
4,751 Gals. - 15.13 T

and for a Lubricating Oil Tank in the "B" division of the vessel, it is:

LUBRICATING OIL TANK B-905Lub.  
210 Gals.

It is to be noted from the above that all capacities of drinking water tanks and Diesel oil tanks are given in gallons and tons. The capacities of reserve feed, and ballast tanks are given in tons of fresh water. The capacities of oil tanks other than Diesel oil tanks are given in gallons.

Where gages or other instruments or means of indicating capacities are fitted to tanks or compartments, and such instruments clearly indicate total capacities as well as actual contents, capacity plates may be omitted.

On each gravity tank and ship's fresh water tank small labels will be placed opposite each 6 inch level of glass gages, inscribed with the capacity at that level.

The maximum working load is conspicuously marked on boat crane; no derricks or booms are provided.

42-5 SPECIAL LABEL PLATES:-

The following Special Label Plates are provided:

(a) Centerline, Waterline, Fore-and-Aft Lines,  
and Athwartships Lines

(1) A sufficient number of plates in accordance with Sketch A following, are placed in carefully selected positions

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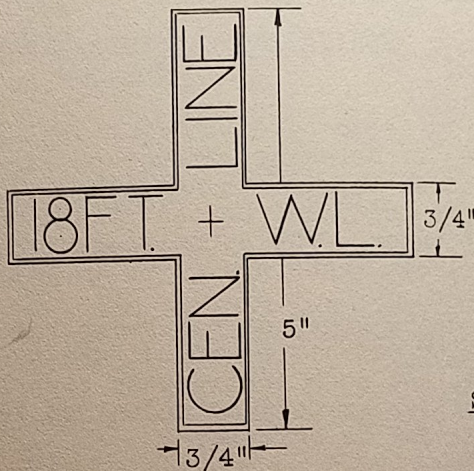
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42-5 SPECIAL LABEL PLATES:-

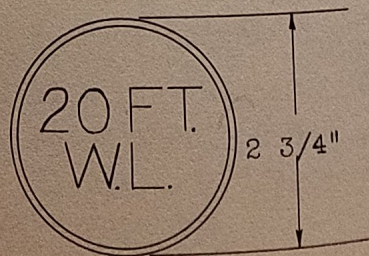
- (a) (cont'd.)  
(1) (cont'd.)

at given heights, so that a center fore-and-aft line, or a center vertical line through hatches, also height of any point on bridge, may readily be established.



SKETCH A

- (2) Waterline plates, in accordance with Sketch B, below, are secured to the frames, outside plating or bulkheads, in carefully selected places, so that height above the keel at any point may be readily ascertained. All plates should be carefully checked as regards heights.



SKETCH B

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42-5 SPECIAL LABEL PLATES:-

(a) (cont'd.)

(3) Suitable tram marks and bench marks are provided and labeled to accurately align and check guns, searchlights, magnetic and gyro compasses, and pelorus stands. The locations of these marks are recorded on the vessel's plans.

(b) Life Preservers, Berths and Lockers, and Bucket Stowage Label Plates

Label plates for the above will be installed by the ship's force. Berths and lockers will be numbered in accordance with the plan outlined in CHAPTER 7, "Berthing and Locker Bill."

(c) Keys

Keys are provided with tags, in accordance with the specifications for key tags and key rings issued by the Navy Department. They are included on the regular ships allowance list for the LSM.

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