

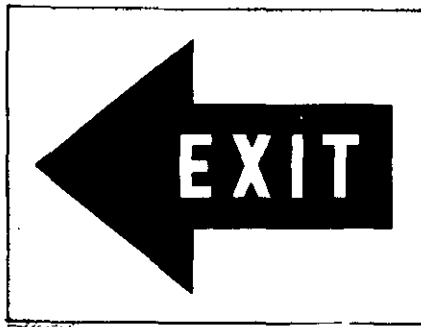
FED. SUP CLASS
2090

REQUIREMENTS:

1. Material. Markers shall be of adhesive-coated reflective sheeting (see figures 1 through 7 and 11 through 20) and accessory overlay markers of adhesive-coated transparent polyester plastic film (see figures 8 through 10).
2. Adhesive. All markers shall be precoated with a pressure-sensitive adhesive for ready application to smooth and moderately rough surfaces such as bulkheads, passageway walls, hulls and superstructure throughout a wide range of application temperatures (see figures 1 through 7 and 11 through 20).
3. Reflective sheeting. The reflective sheeting shall meet the requirements for type I, class 4, reflectivity 1, color g (silver-white 1) of L-S-300 (see figures 1 through 7 and 11 through 20).
4. Transparent film. The adhesive-coated transparent film for overlays shall be a flexible polyester plastic film recommended as compatible with the reflective sheeting in accordance with L-S-300 (see figures 8 through 10).
5. Size, color and design. Marker sizes, designs and colors shall be as shown on figures 1 through 20. Additional sizes or designs shall be as specified by the contracting officer.
6. General characteristics and packaging. The markers shall be free from ragged edges, streaks, blisters, foreign matter, or other surface imperfections which would make them unsuitable for the intended usage. Complete and detailed instructions for applying the markers shall be supplied with each shipment. The markers shall be packaged in suitable containers in such a manner that no damage or defacement may occur during normal transport to destination.

NOTES:

1. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
2. Referenced documents shall be of the issue in effect on date of invitations for bid.



Final overall size: 6 x 8 inches

1-3/4 inch silver-white legend on opaque black single-headed arrow on a silver-white reflective background.

Opaque colors on the marker shall be screen process and shall be protected by a compatible clear overcoating. Colors and clear overcoating shall be as recommended by the sheeting manufacturer.

Figure 1 - Single arrow exit marker (left).



Final overall size: 6 x 8 inches

1-3/4 inch silver-white legend on opaque black single-headed arrow on a silver-white reflective background.

Opaque colors on the marker shall be screen process and shall be protected by a compatible clear overcoating. Colors and clear overcoating shall be as recommended by the sheeting manufacturer.

Figure 2 - Single arrow exit marker (right).

This military standard is approved by the Naval Ship Engineering Center, Department of the Navy, and shall be used by that activity. All other activities are required to employ this standard where suitable.

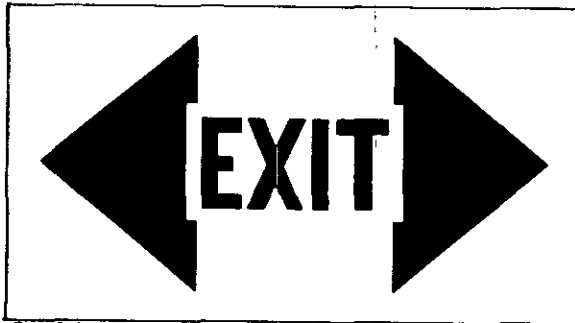
| | | |
|-----------------------------------|---|--------------------------|
| P.A. SH Other Cust | TITLE EGRESS MARKING SYSTEM | MILITARY STANDARD |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | MS18302(SHIPS) |
| | | SHEET 1 OF 7 |

DD FORM 672-1 N

LIMITED COORDINATION

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 3 November 1972 REVISED

FED. SUP CLASS
2090

SH18517

Final overall size: 6 x 11 inches

Opaque hollow shafted, double-headed arrow with inset 1-3/4 inch high opaque black legend on a silver-white reflective background.

Opaque colors on the markers shall be screen process and shall be protected by a compatible clear overcoating. Colors and clear overcoating shall be as recommended by the sheeting manufacturer.

Figure 3 - Double arrow.



SH18516

Final overall size: 4 x 9 inches

3-inch word EXIT of opaque black on a silver-white background.

Opaque colors on the marker shall be screen process and shall be protected by a compatible clear overcoating. Colors and clear overcoating shall be as recommended by the sheeting manufacturer.

Figure 4 - Exit marker.

APPROVED 3 November 1972 REVISED

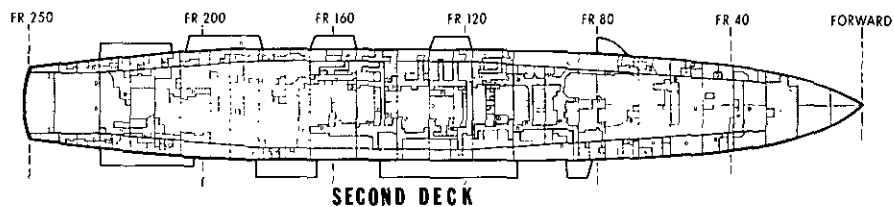
| | | |
|-----------------------------------|---|--------------------------|
| P.A. SH Other Cust | TITLE EGRESS MARKING SYSTEM | MILITARY STANDARD |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | MS18302(SHIPS) |
| | | SHEET 2 OF 7 |

DD FORM 672-1 N

LIMITED COORDINATION

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

This military standard approved by the Naval Ship Engineering Center, Department of the Navy, and shall be used by that activity. All other activities are required to employ this standard where suitable.

FED. SUP CLASS
2090

SH 10315

10 by 32-1/2 inches.

Transparent green (passageways) and yellow (berthing areas) and opaque black on silver-white reflective background. Mark approximately every 40th frame with 3/8 inch number. Mark UP ladders with 3/16 inch "U" mark DOWN ladders with 3/16 inch "D". Show bulkheads.

Transparent and opaque colors on the marker shall be screen process and shall be protected by a compatible clear overcoating. Colors and clear overcoating shall be as recommended by the sheeting manufacturers.

Figure 5 - Color-coded full deck marker (typical).

This military standard is approved by the Naval Ship Engineering Center, Department of the Navy, and shall be used by that activity. All other activities are required to use this standard where suitable.

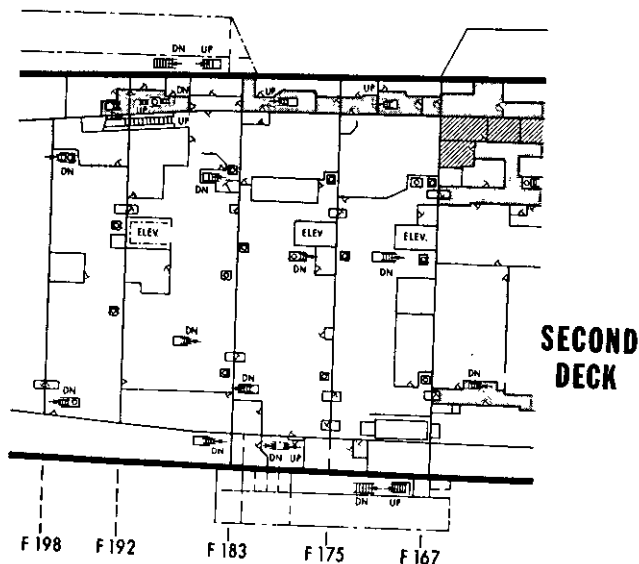
APPROVED 3 November 1972 REVISED

| | | |
|-----------------------------------|---|--------------------------|
| P.A. SH Other Cust | TITLE EGRESS MARKING SYSTEM | MILITARY STANDARD |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | MS18302(SHIPS) |
| | | SHEET 3 OF 7 |

DD FORM 672-1 N

LIMITED COORDINATION

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

FED. SUP CLASS
2090

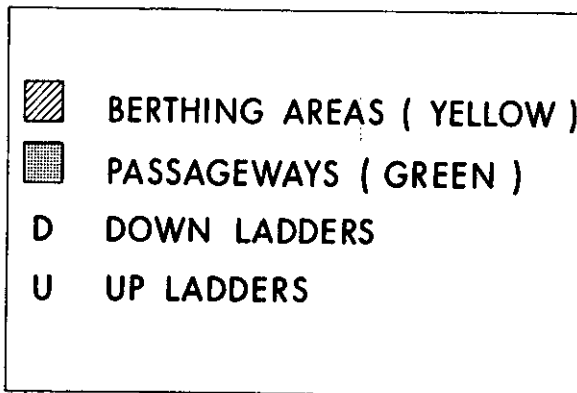
SH 10514

11 by 12 inches

Transparent green (passageways) and yellow (berthing areas) and opaque black on silver-white reflective background. Mark approximately every 8th frame with 1/4 inch numbers. Mark UP ladders with 3/16 inch "U"; DOWN ladders with "D". Show bulkheads, berths and accesses.

Transparent and opaque colors on the marker shall be screen process and shall be protected by a compatible clear overcoating. Colors and clear overcoating shall be as recommended by the sheeting manufacturer.

Figure 6 - Color-coded deck section enlargement marker (typical).



SH 11373

Final overall size: 4 x 6 inches.

Silver-white reflective background with opaque black copy, transparent yellow square (for berthing areas), transparent green square (for passageways) "U" (for UP ladders); "D" (for DOWN ladders).

Transparent and opaque colors on the marker shall be screen process and shall be protected by a compatible clear overcoating. Colors and clear overcoating shall be as recommended by the sheeting manufacturer.

Figure 7 - Color-code marker.

APPROVED 3 November 1972 REVISED

This military standard is approved by the Naval Ship Engineering Center, Department of the Navy, and shall be used by that activity. All other activities are required to employ this standard where suitable.

| | | |
|-----------------------------------|---|--------------------------|
| P.A. SH Other Cust | TITLE EGRESS MARKING SYSTEM | MILITARY STANDARD |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | MS18302(SHIPS) |
| | | SHEET 4 OF 7 |

DD FORM 672-1 N

LIMITED COORDINATION

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

FED. SUP CLASS
2090

SH 16572

Final overall size: 1/2 x 1/2 inch
Black arrow on transparent film background.
Figure 8 - Small arrow overlay marker.



SH 16571

Final overall size: 1 x 2-1/2 inches.
Opaque black arrow on transparent film background.
Figure 9 - Large arrow overlay marker.

YOU ARE HERE

SH 16576

Final overall size: 1/2 x 5 inches.
Opaque black legend on transparent film background.
Figure 10 - You are here overlay marker.

The following is applicable to figures 8, 9 and 10.
Opaque black on the markers shall be screen process and shall be protected by a compatible clear overcoating. Clear overcoating shall be as recommended by the sheeting manufacturers.



SH 16564

Final overall size: 3 x 12 inches.
Opaque black arrow on silver-white reflective background.

Opaque colors on the markers shall be screen process and shall be protected by a compatible clear overcoating. Colors and clear overcoating shall be as recommended by the sheeting manufacturer.

Figure 11 - Arrow marker.

HANGAR DECK

SH 16578

Final overall size: 10 x 1-1/2 inches.
Figure 12 - Hangar deck marker.

WEATHER DECK

SH 16579

Final overall size: 10 x 1-1/2 inches.
Figure 13 - Weather deck marker.

This military standard is approved by the Naval Ship Engineering Center, Department of the Navy, and shall be used by that activity. All other activities are required to employ this standard where suitable.

APPROVED 3 November 1972 REVISED

| | | |
|-----------------------------------|---|--------------------------|
| P.A. SH Other Cust | TITLE EGRESS MARKING SYSTEM | MILITARY STANDARD |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | MS18302(SHIPS) |
| | | SHEET 5 OF 7 |

DD FORM 672-1 N

LIMITED COORDINATION

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

FED. SUP CLASS
2090**FLIGHT DECK**

SH 12512

Final overall size: 10 x 1-1/2 inches.
Figure 14 - Flight deck marker.**STARBOARD**

SH 12513

Final overall size: 10 x 1-1/2 inches.
Figure 15 - Starboard marker.**EMERGENCY**

SH 12514

Final overall size: 10 x 1-1/2 inches.
Figure 16 - Emergency marker.**PORT**

SH 12515

Final overall size: 5 x 1-1/2 inches.
Figure 17 - Port marker.**ACCESS**

SH 12516

Final overall size: 5 x 1-1/2 inches.
Figure 18 - Access marker.

The following is applicable to figures 12 through 18.
1-1/2 inches high with 1 inch opaque black legend, length shall be as shown on figures 15 through 21, on silver-white reflective background.

Opaque colors on the markers shall be screen process and shall be protected by a compatible clear overcoating. Colors and clear overcoating shall be as recommended by the sheeting manufacturer.

UP

SH 12517

Final overall size: 5 x 3 inches.
Figure 19 - Up marker.

This military standard is approved by the Naval Ship Engineering Center, Department of the Navy, and shall be used by that activity. All other activities are required to employ this standard where suitable.

APPROVED 3 November 1972 REVISED

| | | |
|-----------------------------------|---|--------------------------|
| P.A. SH Other Cust | TITLE EGRESS MARKING SYSTEM | MILITARY STANDARD |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | MS18302(SHIPS) |
| | | SHEET 6 OF 7 |

DD FORM 672-1 N

LIMITED COORDINATION

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

FED. SUP CLASS
2090**DOWN**Final overall sizes: 9 x 3 inches.
Figure 20 - Down marker.

The following is applicable to figures 19 and 20:

3 inches high with 2-inch opaque black legend (length shall be as shown on figures 19 and 20), on silver-white reflective background.
 Opaque colors on the markers shall be screen process and shall be protected by a compatible clear overcoating. Colors and clear overcoating shall be as recommended by the sheeting manufacturer.

This military standard is approved by the Naval Ship Engineering Center, Department of the Navy, and shall be used by that activity. All other military activities are required to employ the standard where suitable.

Project 2090-N050

P.A. SH
Other Cust

TITLE

EGRESS MARKING SYSTEM

MILITARY STANDARD

MS18302(SHIPS)

PROCUREMENT SPECIFICATION
NONE

SUPERSEDES:

SHEET 2 OF 7

DD FORM 672-1 N
1 SEP 67

LIMITED COORDINATION

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

☆ U. S. GOVERNMENT PRINTING OFFICE: 1972-714-539/2640

APPROVED 3 November 1972 REVISED