

MIL-P-19380/3  
 28 March 1981  
 SUPERSEDING IN PART  
 MIL-P-19380H  
 5 April 1972  
 With Amendment-1  
 15 November 1972

## MILITARY SPECIFICATION

### DECK FITTINGS AND OUTFITTING ACCESSORIES, DETAIL SPECIFICATION FOR

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The complete requirements for procurement of deck fittings and outfitting accessories described herein shall consist of this document and the latest issue of Military Specification MIL-P-19380J.

#### 1. SCOPE

1.1 Scope. This specification describes detail requirements for deck fittings and outfitting accessories used to couple P-series sectional pontoons.

1.2 Classification. Deck fittings and outfitting accessories shall be of the Mark numbers specified (see 6.2 and Table I).

#### 2. APPLICABLE 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 specification to the extent specified herein.

#### 3. REQUIREMENTS

3.1 General specification. The individual item requirements shall be as specified herein and in accordance with MIL-P-19380J. In the event of any conflict between requirements of this specification and the general specification, the detail specification shall govern.

3.2 First article. (See 3.2 of MIL-P-19380J.)

3.3 Drawings. (See 3.3 of MIL-P-19380J.)

3.4 Materials. (See 3.4 of MIL-P-19380J.)

3.4.1 Structural steel. (See 3.4.1 of MIL-P-19380J.)

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commanding Officer (Code 156), Naval Construction Battalion Center, Port Hueneme, CA 93043, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

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3.4.2 Cast steel. (See 3.4.2 of MIL-P-19380J.)

3.4.3 Steel pipe. (See 3.4.3 of MIL-P-19380J.)

3.4.4 Rubber. Rubber for pontoon fenders shall be of the styrenebutadiene type composition, shaped and sized by extrusion or mold process, and shall conform to ASTM D2000 M3BA725B13C12F17. Configuration and dimensions shall be as shown on applicable drawings.

3.5 Construction. (See 3.5 of MIL-P-19380J.) Deck fittings and outfitting accessories shall be fabricated as specified herein and as shown on the applicable drawings listed in Table I.

TABLE I. Deck fittings and outfitting accessories.

Mark number	Description	Drawing number
H6	Hatch cover and floor panel assembly	816461
A107AL, A107AR, A107X	Towing eye	889772
A108	Plate, filler	889772
A139, A149, A181	Pad, eye	889772
AP-3	Plate, launching angle	879118
AP-6	Chafing, plate	879118
B4	Retractable bitt	889663
P13	Retractable pad eye	889663
A147	Turnbuckle assembly	889764
A175	"B" chain assembly	889764
AH2	Anchor davit	816455
AH4	Anchor hoist	816462
B-1	Bitt, all purpose	813654
C-1	Cleat	813654
PH-6	Pad eye, hinged	1290786
CP-1	Plate, chain	879118
DC6	Closure, deck	889663
FP3	Plate, flounder	889764
GV-13	Sheave	MIL-F-16723
H-1	Ring, haul-back	813654
K-1	Kingpin	813654
LA-1	Angle, launching	879116
LA-2	Plate, end assembly	879116
LA-3	Angle, launching	879116
LA-4	Angle, launching	879116
LR1	Ring, lashing	879116
M112, M112A	Pad eye	889772
M147, M147A	Bitt, double	889764
(used with M147)	Plate, reinforcing	889764
M148	Chock, closed (6")	146608
OB7A	Beam, mounting OA31 unit	879125
OB12A	Angle, mounting OA31 unit	879125
P15	Plate, reinforcing	889764
P30	Plate, chock (9"X23"X7/8)	used on 879175
PH1	Hanger, pipe, single	816467
PH2	Hanger, pipe, double	816467

TABLE I. Deck fittings and outfitting accessories - continued.

Mark number	Description	Drawing number
PH3	Hanger, pipe, triple	816467
PL1	Link, pear	MIL-C-18295
RLA	Ramp	813651
R2A	Ramp, landing (for 30 ton tank)	889766 889767 146294
RH1	Hinge, ramp (for RLA ramp)	813651
RF1	Fender, rubber, wing type	816467
RF4	Bracket, fender, angle	816467
RF6	Retainer, fender	816467
RF8	Bracket, fender, straight	816467
SA1	Shock absorber	889764
SA2	Shock absorber	889764
TB-1	Bracket, scaffold	142877
WT-4	Sheave, assembly	879162
WT-5	Support, winch, G70-2 drum	816452
WT-6	Fairlead, roller	879162
AH7	Housing, anchor, assembly	879160
WT-7	Chain assembly	879162
Y-2	Stanchion, pipe	816467
Item 25	Mast, port and stbd light	494620
Item 26	Mast, stern light	494620
Item 27	Mast, bow light	494620
PH10	Causeway lifting pad eye	SK9103
JT10	Fairlead, roller, single line	146520
JT12	Fairlead, sheave, sliding	816455
JT14	Fairlead, sheave	816455
JT16	Fairlead, roller	816455
JT4	Roller, launching, pontoon	889752
F1	Connector, flexor	1332752 thru 1332756 77-17-1F SK9114
K8A	Bracket, tank anchor	142877

3.5.1 Fasteners. (See 3.5.1 of MIL-P-19380J.) Forged flange nut, Mark FN-1 shall have class 2 fit threads and shall be fabricated as shown on the applicable drawings. The A6B bolt and the HN6 nut shall be washer faced conforming to SAE J429 and J995 respectively for grade 5 threaded fasteners. Dimensions, threads, and other characteristics shall be as shown on Drawing No. 879116.

3.6 Interchangeability. (See 3.6 of MIL-P-19380J.)

3.7 Performance characteristics. (See 3.7 of MIL-P-19380J.)

3.8 Cleaning and painting. (See 3.8 through 3.8.2.2 of MIL-P-19380J.)

3.9 Identification marking. (See 3.9 of MIL-P-19380J.)

3.10 Workmanship. (See 3.10 through 3.10.5 of MIL-P-19380J.)

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## 4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. (See 4.1 of MIL-P-19380J.)4.2 First article. (See 4.2.1 of MIL-P-19380J.)

4.3 Examination. Examination shall be conducted as specified in Table I of MIL-P-19380J. Any item having one or more defects shall be rejected. (See 4.5 of MIL-P-19380J.)

4.3.1 Welding examination. (See 4.5.1 of MIL-P-19380J.)4.4 Packaging inspection. (See 4.6 of MIL-P-19380J.)

## 5. PACKAGING

5.1 Preservation, packing, and marking. Preservation, packing, and identification marking shall be in accordance with Section 5 of MIL-P-19380J.

## 6. NOTES

6.1 Intended use. Deck fittings and outfitting accessories are intended to be used with the Navy P-series pontoons.

6.2 Ordering data. Acquisition documents should specify the following:

- (a) Title, number, and date of detail specification and associated general specification.
- (b) Mark number(s) and item(s) required (see 1.2).
- (c) When a first article is required for inspection and approval (see 3.2, 4.2.1, and 6.4 of MIL-P-19380J).
- (d) Identification marking required (see 3.9).
- (e) Level of preservation and packing required (see 5.1).

6.3 Contract data requirements. (See 6.3 of MIL-P-19380J.)6.4 First article. (See 6.4 of MIL-P-19380J.)

Custodians:

Army - ME  
Navy - YD

Preparing activity:

Navy - YD

Project No. 1945-0018-03

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