WAR DEPARTMENT

BASIC FIELD MANUAL

MILITARY INTELLIGENCE

IDENTIFICATION OF UNITED STATES NAVAL VESSELS

October 11, 1941

REGRADED UNCLASSIFIED BY
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WAR DEPARTMENT,
WASHINGTON, October 11, 1941.

FM 30–50, Military Intelligence, Identification of United States Naval Vessels, is published for the information and guidance of all concerned.

[A. G. 062.11 (8–11–41).]

BY ORDER OF THE SECRETARY OF WAR:
G. C. MARSHALL,
Chief of Staff.

OFFICIAL:
E. S. ADAMS,
Major General,
The Adjutant General.

DISTRIBUTION:
R and H 1 (6); I R 4 (5); I Bn 1 (5), 4 (3); I C 4 (10).
(For explanation of symbols see FM 21–6.)
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1. PURPOSE.—The purpose of this manual is to serve as a guide in the identification of naval vessels of the United States. The material has been secured from many sources. It is the best available but may be incomplete, and in some respects inaccurate.

2. SCOPE.—This manual, containing illustrations with explanatory data relative to naval vessels of the United States, is published for limited distribution. When illustrations are not given, blank spaces have been left so that they may be added when provided. The manual will be used for instruction of officers and men in the appearance and general characteristics of naval vessels of the United States, and will be safeguarded as provided in AR 380–5.
SECTION II
BATTLESHIPS
UNITED STATES
NAVY

WEST VIRGINIA
IDENTIFICATION OF U. S. NAVAL VESSELS

Battleship
COLORADO CLASS

COLORADO CLASS

COLORADO  MARYLAND  WEST VIRGINIA

Description:  Displacement, 33,590 tons full load.
              Length, 600 feet (water line).
              Beam, 97 1/2 feet.
              Maximum draft, 35 feet.
              Speed, 21 knots.

Guns:
     8 16-inch.
     12 5-inch.
     8 5-inch AA.
     2 1-pounders.
     2 machine guns.
     11 machine guns AA.

Torpedo tubes: None.

Airplanes:  3.
Catapults:  1 on No. 3 turret.

Turrets:  4 2-gun.
         1 on quarter-deck.
Battleship
COLORADO CLASS
IDENTIFICATION OF U. S. NAVAL VESSELS

Battleship
TEXAS CLASS

TEXAS CLASS

NEW YORK
TEXAS

Description: Displacement, 30,000 tons full load.
Length, 566 feet (water line).
Beam, 106 feet.
Maximum draft, 31\(\frac{1}{2}\) feet.
Speed, 21 knots.

Guns: 10 14-inch.
16 5-inch.
8 3-inch AA.
2 1-pounders.
3 machine guns.
2 landing guns.

Torpedo tubes: None.
Airplanes: 3. Catapults: 1 on No. 3 turret.
Turrets: 5 2-gun.
IDENTIFICATION OF U. S. NAVAL VESSELS

Battleship
TEXAS CLASS
OKLAHOMA CLASS

OKLAHOMA
NEVADA

Description: Displacement, 29,000 tons.
Length, 575 feet (water line).
Beam, 107 11/12 feet.
Maximum draft, 32 1/2 feet.
Speed, 20 1/2 knots.

Guns: 10 14-inch.
12 5-inch.
8 5-inch AA.
8 machine guns.

Torpedo tubes: None.
Airplanes: 3. Catapults: 1 on No. 3 turret.
          1 on quarter-deck.

Turrets: 2 3-gun.
         2 2-gun.
IDENTIFICATION OF U. S. NAVAL VESSELS

Battleship
OKLAHOMA CLASS
IDAHO CLASS

IDAHO
MISSISSIPPI
NEW MEXICO

Description: Displacement, 33,400 tons. Length, 600 feet (water line). Beam, 106 1/4 feet. Maximum draft, 34 feet. Speed, 21 1/2 knots.

Guns:
12 14-inch.
12 5-inch.
8 5-inch AA.
12 machine guns AA.

Torpedo tubes: None.

Airplanes: 3. Catapults: 1 on No. 3 turret. 1 on quarter-deck.

Turrets: 4 3-gun.
IDENTIFICATION OF U. S. NAVAL VESSELS

Battleship
IDAHO CLASS
IDENTIFICATION OF U. S. NAVAL VESSELS

Battleship
ARIZONA CLASS

ARIZONA CLASS

ARIZONA
PENNSYLVANIA

Description: Displacement, 32,600 tons.
Length, 600 feet (water line).
Beam, 106¼ feet.
Maximum draft, 33½ feet.
Speed, 21 knots.

Guns: 12 14-inch.
12 5-inch.
8 5-inch AA.

Torpedo tubes: None.
Airplanes: 3. Catapults: 1 on No. 3 turret.
Turrets: 4 3-gun.
1 on quarter-deck.
MILITARY INTELLIGENCE

UNITED STATES NAVY

[Diagram of a naval vessel]
IDENTIFICATION OF U. S. NAVAL VESSELS

Battleship
ARIZONA CLASS

ARIZONA
Arkansas Class

Arkansas

Description: Displacement, 29,000 tons full load. Length, 555 1/2 feet (water line). Beam, 106 feet. Maximum draft, 32 feet. Speed, 20 1/2 knots.

Guns: 12 12-inch. 16 5-inch. 8 3-inch AA.

Torpedo tubes: None.

Airplanes: 3. Catapults: 1 on No. 3 turret.

Turrets: 6 2-gun.
IDENTIFICATION OF U. S. NAVAL VESSELS

Battleship
NORTH CAROLINA CLASS

NORTH CAROLINA CLASS

NORTH CAROLINA
WASHINGTON
INDIANA
MASSACHUSETTS
ALABAMA
SOUTH DAKOTA

Scheduled to be completed in 1942.

Description:
- Displacement, 35,000 tons.
- Length, 750 feet.
- Beam, 108 feet.
- Draft, 36 feet (mean).
- Speed, 28 knots.

Guns:
- 9 16-inch.
- 12 5-inch.
- 3 5-inch AA.

Torpedo tubes: None.

Airplanes: 4.

Catapults: 2.

Turrets: 3 3-gun.
IDENTIFICATION OF U. S. NAVAL VESSELS

Battleship
NORTH CAROLINA CLASS
CALIFORNIA CLASS

CALIFORNIA
TENNESSEE

Description: Displacement, 35,190 tons full load.
Length, 600 feet (water line).
Beam, 97 1/2 feet.
Maximum draft, 35 1/2 feet.
Speed, 21 knots.

Guns: 12 14-inch.
12 5-inch.
8 5-inch AA.
2 1-pounders.
2 machine guns.
11 machine guns AA.

Torpedo tubes: None.

Airplanes: 3.

Catapults: 1 on No. 3 turret.
1 on quarter-deck.

Turrets: 4 3-gun.
IDENTIFICATION OF U. S. NAVAL VESSELS

Battleship
CALIFORNIA CLASS
SECTION III
AIRCRAFT CARRIERS
IDENTIFICATION OF U. S. NAVAL VESSELS

Aircraft carriers
ENTERPRISE—HORNET—YORKTOWN

ENTERPRISE
HORNET
YORKTOWN

Description: Displacement, 19,900 tons.
Length, 761 feet (water line).
Beam, 83 ¼ feet.
Draft, 21 ½ feet (mean).
*Recognition letters—EN, Enterprise; YT, Yorktown.
Speed, 34 knots.

Guns: 8 5-inch AA.
16 machine guns.
16 machine guns AA.

Torpedo tubes:

Airplanes: 83 (space for over 100).

Catapults:

*Recognition letters are prominently painted on after end of flight deck.
## WASP

**Description:** Displacement, 14,700 tons.
Length, 688 feet (water line).
Beam, 80 4/5 feet.
Draft, 20 feet (mean).

**Guns:**
- 8 5-inch AA.
- 40 smaller calibers.

**Torpedo tubes:**

**Airplanes:** 75.

**Catapults:**
UNITED STATES NAVY

MILITARY INTELLIGENCE
IDENTIFICATION OF U. S. NAVAL VESSELS

Aircraft carrier

WASP
IDENTIFICATION OF U. S. NAVAL VESSELS

Aircraft carrier
RANGER CLASS

RANGER

Description: Displacement, 14,500 tons.
Length, 728 feet (water line).
Beam, 80 1/2 feet.
Draft, 19 2/3 feet (mean).
Recognition letters—RNGR.
Speed, 29 1/4 knots.

Guns: 8 5-inch AA.
40 smaller calibers.

Torpedo tubes:

Airplanes: 72 (space for 120). Catapults:
Aircraft carrier
RANGER CLASS
IDENTIFICATION OF U. S. NAVAL VESSELS

Aircraft carrier
LEXINGTON-SARATOGA CLASS

LEXINGTON
SARATOGA

Description: Displacement, 33,000 tons.
Length, 830 feet (water line).
Beam, 105 1/2 feet.
Maximum draft, 32 feet.
Recognition letters—LEX—Lexington.
SARA—Saratoga.

Speed, 33 1/4 knots.

Guns:
8 8-inch.
12 5-inch AA.
8 50-caliber machine guns.

Torpedo tubes:

Airplanes: Lexington, 90.
Saratoga, 79.

Catapults: 1.
Aircraft carrier
LEXINGTON-SARATOGA CLASS
SECTION IV
HEAVY CRUISERS
IDENTIFICATION OF U. S. NAVAL VESSELS

Heavy cruisers
WICHITA CLASS

WICHITA

Description: Displacement, 10,000 tons.
Length, 600 feet (water line).
Beam, 61\(\frac{3}{4}\) feet.
Draft, 19\(\frac{3}{8}\) feet (mean).
Speed, 32\(\frac{1}{2}\) knots.

Guns:
9 8-inch.
8 5-inch AA.
2 3-pounders.
10 smaller calibers.

Torpedo tubes:Catapults: 2.

Airplanes: 4.
Turrets: 3 3-gun.

Square stern.
MILITARY INTELLIGENCE

UNITED STATES
NAVY
IDENTIFICATION OF U.S. NAVAL VESSELS

Heavy cruisers
WICHITA CLASS
NEW ORLEANS
ASTORIA
MINNEAPOLIS
SAN FRANCISCO
TUSCALOOSA

Description: Displacement, 9,950 tons.
Length, 574 feet (water line).
Beam, 61 3/4 feet.
Maximum draft, 23 1/2 feet.
Speed, 32 7/10 knots.

Guns:
9 8-inch.
8 5-inch AA.
2 3-pounders.
10 smaller calibers.

Torpedo tubes:

Airplanes: 4.
Catapults: 2.
IDENTIFICATION OF U. S. NAVAL VESSELS

Heavy cruisers
NEW ORLEANS CLASS
QUINCY
VINCENTES

Description:
- Displacement, 9,375 tons.
- Length, 569 feet (water line).
- Beam, 61% feet.
- Draft, 18% feet (mean).
- Speed, 32 7/10 knots.

Guns:
- 9 8-inch.
- 8 5-inch AA.
- 2 3-pounders.
- 10 smaller calibers.

Airplanes: 4.

Catapults: 2.
MILITARY INTELLIGENCE

UNITED STATES NAVY
Heavy cruisers
QUINCY CLASS
IDENTIFICATION OF U. S. NAVAL VESSELS

Heavy cruisers
PORTLAND CLASS

PORTLAND
INDIANAPOLIS

Description: Displacement, 9,800 tons.
Length, 582 feet (water line).
Beam, 66 feet.
Draft, 17\(\frac{1}{2}\) feet (mean).
Speed, 32\(\frac{3}{10}\) knots.

Guns: 9 8-inch.
8 5-inch AA.
2 3-pounders.
10 smaller calibers.

Torpedo tubes:


Catapults: 2.
UNITED STATES NAVY
Heavy cruisers
CHICAGO CLASS

CHICAGO
HOUSTON
AUGUSTA

Description: Displacement, 9,300 tons.
Length, 572 feet (water line).
Beam, 16\(\frac{2}{3}\) feet.
Maximum draft, 23 feet.
Speed, \(32\frac{7}{10}\) knots.

Guns: 9 8-inch.
4 5-inch AA.
2 3-pounders.
8 machine guns.

Torpedo tubes:
Airplanes: 4.
Catapults: 2.
IDENTIFICATION OF U. S. NAVAL VESSELS

Heavy cruisers
CHICAGO CLASS
IDENTIFICATION OF U. S. NAVAL VESSELS

Heavy cruisers
NORTHAMPTON CLASS

NORTHAMPTON
CHESTER
LOUISVILLE

Description: Displacement, 9,200 tons.
Length, 569 feet (water line).
Beam, 66 feet.
Maximum draft, 23 feet.
Speed, 32 7/10 knots.

Guns:
9 8-inch.
4 5-inch AA.
2 3-pounders.
8 machine guns.

Torpedo tubes:

Airplanes: 4.

Catapults: 2.
IDENTIFICATION OF U. S. NAVAL VESSELS

Heavy cruisers
NORTHAMPTON CLASS

LOUISVILLE
IDENTIFICATION OF U. S. NAVAL VESSELS

Heavy cruisers
PENSACOLA CLASS

PENSACOLA
SALT LAKE CITY

Description: Displacement, 9,100 tons.
Length, 558 feet (water line).
Beam, 65\frac{1}{4} feet.
Maximum draft, 22 feet.
Speed, 32\frac{7}{10} knots.

Guns: 10 8-inch.
4 5-inch AA.
2 3-pounders.

Torpedo tubes:

Airplanes: 4.

Catapults: 2.
SECTION V
LIGHT CRUISERS
BROOKLYN

Description: Displacement, 9,700 tons. Length, 600 feet (water line). Beam, 61\(\frac{1}{2}\) feet. Draft, 19\(\frac{3}{4}\) feet (mean). Speed, 32\(\frac{1}{2}\) knots.

Guns: 15 6-inch. 8 5-inch AA. 4 3-pounders. 3 machine guns.

Torpedo tubes: 3


Turrets: 5 3-gun. Square stern.
IDENTIFICATION OF U. S. NAVAL VESSELS

Light cruisers
BROOKLYN CLASS
IDENTIFICATION OF U. S. NAVAL VESSELS

Light cruisers
OMAHA CLASS

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**OMAHA CLASS**

**Description:**
- Displacement, 7,050 tons.
- Length, 550 feet (water line).
- Beam, 55\(\frac{1}{3}\) feet.
- Maximum draft, 20 feet.
- Speed, 35 knots.

**Guns:**
- Concord, Memphis, Milwaukee, Omaha,
- Trenton, 12 6-inch.
- All others, 10 6-inch.
- 8 machine guns AA.

**Torpedo tubes:**

**Airplanes:** 4. **Catapults:** 2.
IDENTIFICATION OF U.S. NAVAL VESSELS

Light cruisers
OMAHA CLASS

MARBLEHEAD

411118°-41-7
Light cruisers
PHILADELPHIA CLASS

PHILADELPHIA
SAVANNAH
NASHVILLE

Description: Displacement, 10,000 tons.
Length, 600 feet (water line).
Beam, 61½ feet.
Draft, 19¾ feet (mean).
Speed, 32½ knots.

Guns: 15 6-inch.
8 5-inch AA.
4 3-pounders.
3 machine guns.

Torpedo tubes:

Airplanes: 4 (space for 8).

Catapults: 2.
IDENTIFICATION OF U. S. NAVAL VESSELS

Light cruisers
PHILADELPHIA CLASS
Light cruisers
PHOENIX CLASS

PHOENIX
BOISE
HONOLULU

Description: Displacement, 10,000 tons.
Length, 600 feet (water line).
Beam, 61\(\frac{1}{2}\) feet.
Draft, 19\(\frac{3}{4}\) feet (mean).
Speed, 32\(\frac{1}{2}\) knots.

Guns:
15 6-inch.
8 5-inch AA.
4 3-pounders.
3 machine guns.

Airplanes: 4 (space for 8).
Catapults: 2.
(Plan same as Philadelphia Class)
IDENTIFICATION OF U. S. NAVAL VESSELS

Light cruisers
PHOENIX CLASS

HONOLULU
MILITARY INTELLIGENCE

UNITED STATES
NAVY

ST. LOUIS
ST. LOUIS CLASS

ST. LOUIS
HELENA

Description:
Displacement, 10,000 tons.
Length, 600 feet (water line).
Beam, 61 1/2 feet.
Draft, 19 3/4 feet (mean).
Speed, 32 1/2 knots.

Guns:
15 6-inch.
8 5-inch AA.
4 3-pounders.
3 machine guns.

Torpedo tubes:

IDENTIFICATION OF U. S. NAVAL VESSELS

Light cruisers
ST. LOUIS CLASS
SECTION VI
DESTROYERS
IDENTIFICATION OF U. S. NAVAL VESSELS

Destroyers
BENSON CLASS

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Description: Displacement, 1,630 tons.
Length, —.
Beam, —.
Draft, —.
Speed, 36½ knots.

Guns: 6 5-inch

Torpedo tubes: 10.
MILITARY INTELLIGENCE

UNITED STATES NAVY

BENSON CLASS, 421–444 (earlier units)

BENSON CLASS, 421–444 (later units)
IDENTIFICATION OF U. S. NAVAL VESSELS

Destroyers
BENSON CLASS
MUSTIN
### SIMS CLASS

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**Description:**
- Displacement: 1,570 tons.
- Length: 
- Beam: 
- Draft: 
- Speed: 36½ knots.

**Guns:**
- 5 5-inch.

**Torpedo tubes:** 12.
SIMS CLASS, 409-420
IDENTIFICATION OF U. S. NAVAL VESSELS

Destroyers
SIMS CLASS
IDENTIFICATION OF U. S. NAVAL VESSELS

Destroyers
GRIDLEY CLASS

GRIDLEY 380  ELLET 398
CRAVEN 382  LANG 399
BAGLEY 386  MC CALL 400
BLUE 387  MAURY 401
HELM 388  MAYRANT 402
MUGFORD 389  TRIPPE 403
RALPH TALBOT 390  RHIND 404
HENLEY 391  ROWAN 405
PATTERSON 392  STACK 406
JARVIS 393  STERETT 407
BENHAM 397  WILSON 408

Description: Displacement, 1,500 tons.
Length, 334 feet (water line).
Beam, 34½ feet.
Draft, 9½ feet (mean).
Speed, 36½ knots.

Guns: 4 5-inch.
4 machine guns.

Torpedo tubes: 16.
IDENTIFICATION OF U. S. NAVAL VESSELS

Destroyers
GRIDLEY CLASS

ROWAN
IDENTIFICATION OF U. S. NAVAL VESSELS

Destroyers
DUNLAP CLASS

DUNLAP 384
FANNING 385

Description: Displacement, 1,490 tons.
Length, 334 feet (water line).
Beam, 34½ feet.
Draft, 9¾ feet (mean).
Speed, 36½ knots.

Guns: 5 5-inch.
4 machine guns.

Torpedo tubes: 12.
IDENTIFICATION OF U. S. NAVAL VESSELS

Destroyers
DUNLAP CLASS
IDENTIFICATION OF U. S. NAVAL VESSELS

Destroyers
PORTER CLASS

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</table>

Description:
- Displacement, 1,850 tons.
- Length, 371 feet (water line).
- Beam, 36 1/2 feet.
- Draft, 10 1/4 (mean).
- Speed, 37 knots.

Guns:
- 8 5-inch.
- 3 1-pounders.
- 2 machine guns.

Torpedo tubes: 8.
IDENTIFICATION OF U. S. NAVAL VESSELS

Destroyers
MAHAN CLASS

<table>
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Description:
- Displacement, 1,500 tons.
- Length, 334 feet (water line).
- Beam, 34 3/8 feet.
- Maximum draft, 17 feet.
- Speed, 36 1/2 knots.

Guns: 5 5-inch.
4 machine guns.

Torpedo tubes: 12.
Destroyers
MAHAN CLASS
FARRAGUT 348  WORDEN 352
DEWEY 349  DALE 353
HULL 350  MONAGHAN 354
MAC DONOUGH 351  AYLWIN 355

Description: Displacement, 1,395 tons.
Length, 331 feet (water line).
Beam, 34½ feet.
Maximum draft, 15½ feet.
Speed, 36 knots.

Guns: 5 5-inch.
4 machine guns.

Torpedo tubes: 8.
Identify U.S. naval vessels

Destroyers

Farragut Class

J. Fred Talbott
<table>
<thead>
<tr>
<th>Destroyers</th>
<th>FLUSH DECK CLASS</th>
</tr>
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<tbody>
<tr>
<td>SCHLEY</td>
<td>103 ALDEN</td>
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<td>CHEW</td>
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<td>CRANE</td>
<td>109 BORIE</td>
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<td>RATHBURNRE</td>
<td>113 JOHN D. EDWARDS</td>
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<td>TALBOT</td>
<td>114 WHIPPLE</td>
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<td>WATERS</td>
<td>115 PARROTT</td>
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<td>DENT</td>
<td>116 EDSALL</td>
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<td>LEA</td>
<td>118 MAC LEISH</td>
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<td>TATTNALL</td>
<td>125 SIMPSON</td>
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<td>BADGER</td>
<td>126 BULMER</td>
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<td>BABBITT</td>
<td>128 MC CORMICK</td>
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<td>JACOB JONES</td>
<td>130 STEWART</td>
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<tr>
<td>KILTY</td>
<td>137 POPE</td>
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<td>KENNISON</td>
<td>138 PEARY</td>
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<tr>
<td>WARD</td>
<td>139 PILLSBURY</td>
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<td>HAMILTON</td>
<td>141 JOHN D. FORD</td>
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<td>TARBELL</td>
<td>142 TRUXTUN</td>
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<td>UPSHUR</td>
<td>144 PAUL JONES</td>
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<td>GREER</td>
<td>145 HATFIELD</td>
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<tr>
<td>ROPER</td>
<td>147 BROOKS</td>
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<tr>
<td>BRECKINRIDGE</td>
<td>148 GILMER</td>
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<td>BARNEY</td>
<td>149 FOX</td>
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<td>BLAKELEY</td>
<td>150 KANE</td>
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<td>BIDDLE</td>
<td>151 HUMPHREYS</td>
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<td>DU PONT</td>
<td>152 OVERTON</td>
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<td>BERNADOU</td>
<td>153 STURTEVANT</td>
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<td>154 KING</td>
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<td>COLE</td>
<td>155 SANDS</td>
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<tr>
<td>J. FRED TALBOTT</td>
<td>156 REUBEN JAMES</td>
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<tr>
<td>DICKERSON</td>
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<td>158 GOFF</td>
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<td>164 ZANE</td>
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<td>DAHLGREN</td>
<td>197 DECATURE</td>
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<td>DALLAS</td>
<td>199 NOA</td>
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<tr>
<td>BROONE</td>
<td>210 ALLEN</td>
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<tr>
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<td>139</td>
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</tbody>
</table>
Description: Displacement, 1,100 tons.
Length, 310 feet (water line).
Beam, 30\(\frac{2}{3}\) feet.
Maximum draft, 13\(\frac{1}{2}\) feet.
Speed, 35 knots.

Guns:
4 4-inch.
1 3-inch AA.

Torpedo tubes: 12.
IDENTIFICATION OF U. S. NAVAL VESSELS

Destroyers
FLUSH DECK CLASS

ZANE
## IDENTIFICATION OF U. S. NAVAL VESSELS

### Destroyers

**SOMERS CLASS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Number</th>
<th>Name</th>
<th>Number</th>
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<tr>
<td>SOMERS</td>
<td>381</td>
<td>DAVIS</td>
<td>395</td>
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<tr>
<td>WARRINGTON</td>
<td>383</td>
<td>JOUETT</td>
<td>396</td>
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<tr>
<td>SAMPSON</td>
<td>394</td>
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<td></td>
</tr>
</tbody>
</table>

**Description:**
- Displacement, 1,850 tons.
- Length, 371 feet (water line).
- Beam, 36 1/6 feet.
- Draft, 10 1/4 feet (mean).
- Speed, 37 knots.

**Guns:**
- 8 5-inch.
- 8 1-pounders.
- 2 machine guns.

**Torpedo tubes:** 12.
IDENTIFICATION OF U. S. NAVAL VESSELS

Destroyers
SOMERS CLASS
SECTION VII
MINE LAYERS
IDENTIFICATION OF U. S. NAVAL VESSELS

Light mine layers

1 CLASS

GAMBLE       DM 15     TRACY       DM 19
RAMSAY       DM 16     PREBLE      DM 20
MONTGOMERY    DM 17     SICARD      DM 21
BREESE       DM 18     PRUITT      DM 22

Description: Displacement, 1,190 tons.
              Length, 310 feet (water line).
              Beam, 30\(\frac{2}{3}\) feet.
              Maximum draft, 13\(\frac{1}{2}\) feet.
              Speed, 35 knots.

Guns: 4 4-inch.
       1 3-inch AA.

Torpedo tubes: None.

Mines carried: 80
Light mine layers
SECTION VIII
SUBMARINES
## MILITARY INTELLIGENCE

### UNITED STATES NAVY

### GRAMPUS CLASS

<table>
<thead>
<tr>
<th>Name</th>
<th>Number</th>
<th>Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>GAR</td>
<td>206</td>
<td></td>
<td>Displacement, 1,475 tons.</td>
</tr>
<tr>
<td>GRAMPUS</td>
<td>207</td>
<td></td>
<td>Length, 299 feet.</td>
</tr>
<tr>
<td>GRAYBACK</td>
<td>208</td>
<td></td>
<td>Beam, 27 feet.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Draft, 14 feet.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Speed, 21 knots.</td>
</tr>
<tr>
<td>GUDGEON</td>
<td>211</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Guns:
- 1 3-inch AA.
- 2 machine guns AA.

Torpedo tubes: 10.
**IDENTIFICATION OF U. S. NAVAL VESSELS**

**Submarines**

**THRESHER CLASS**

<p>| | | |</p>
<table>
<thead>
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<tr>
<td>TAMBOR</td>
<td>198</td>
<td>TRITON</td>
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<tr>
<td>TAUTOG</td>
<td>199</td>
<td>TROUT</td>
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<tr>
<td>THRESHER</td>
<td>200</td>
<td>TUNA</td>
</tr>
</tbody>
</table>

**Description:** Displacement, 1,450 tons.  
Length, 300 feet (water line).  
Beam, 27 feet.  
Draft, 13 3/4 feet (mean).  

**Guns:**  
1 3-inch.  
1 machine gun AA.  

**Torpedo tubes:** 10.
SAILFISH

SARGO CLASS

SARGO               188  SWORDFISH           193
SAURY               189  SEADRAGON            194
SPEARFISH          190  SEALION              195
SCULPIN            191  SEARAVEN             196
SAILFISH           192  SEAWOLF              197

Description: Displacement, 1,450 tons.
Length, 300 feet (water line).
Beam, 27 feet.
Draft, 13 3/4 feet (mean).

Guns: 1 3-inch.
      1 machine gun AA.

Torpedo tubes: 8.
IDENTIFICATION OF U. S. NAVAL VESSELS

Submarines

SEAL

SALMON CLASS

SALMON
SEAL
SKIPJACK

182  SNAPPER  185
183  STINGRAY  186
184  STURGEON  187

Description: Displacement, 1,450 tons.
Length, 298 feet (water line).
Beam, 26 feet.
Draft, 14\(\frac{1}{4}\) feet (mean).

Guns: 1 3-inch.
1 machine gun AA.

Torpedo tubes: 8.
**PERCH CLASS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Number</th>
<th>Type</th>
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<tbody>
<tr>
<td>PERCH</td>
<td>176</td>
<td>PLUNGER</td>
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<tr>
<td>PICKEREL</td>
<td>177</td>
<td>POLLACK</td>
</tr>
<tr>
<td>PERMIT</td>
<td>178</td>
<td>POMPANO</td>
</tr>
</tbody>
</table>

**Description:**
- Displacement: 1,330 tons.
- Length: 290 feet (water line).
- Beam: 25 feet.
- Draft: 13 3/4 feet (mean).

**Guns:**
- 1 3-inch.
- 1 machine gun AA.

**Torpedo tubes:** 6.
IDENTIFICATION OF U. S. NAVAL VESSELS

Submarines

PORPOISE

PIKE CLASS

PORPOISE 172 SHARK 174
PIKE 173 TARPON 175

Description: Displacement, 1,315 tons.
Length, 287 feet (water line).
Beam, 25 feet.
Draft, 13 3/8 feet (mean).
Speed, 20 knots.

Guns: 1 3-inch.
Torpedo tubes: 6.
CUTTLEFISH CLASS

CACHALOT 170
CUTTLEFISH 171

Description: Displacement, 1,110 tons. Length, 260 feet (water line). Beam, 24¾ feet. Draft, 12¾ feet. Speed, 17 knots.

Guns: 1 3-inch AA.
Torpedo tubes: 6
IDENTIFICATION OF U. S. NAVAL VESSELS

Submarines

DOLPHIN

DOLPHIN 169

Description: Displacement, 1,540 tons.
Length, 307 feet (water line).
Beam, 27½ feet.
Draft, 13 feet.
Speed, 17 knots.

Guns: 1 4-inch.
Torpedo tubes: 6.
MILITARY INTELLIGENCE

UNITED STATES NAVY

NAUTILUS

NAUTILUS CLASS

NARWHAL 167
NAUTILUS 168

Description: Displacement, 2,730 tons.
Length, 349 feet (water line).
Beam, 33½ feet.
Draft, 15½ feet.
Speed, 17 knots.

Guns: 2 6-inch.
Torpedo tubes: 6.
IDENTIFICATION OF U. S. NAVAL VESSELS

Submarine Minelayers

ARGONAUT

ARGONAUT CLASS

ARGONAUT 166

Description:
Displacement, 2,710 tons.
Length, 358 feet (water line).
Beam, 33½ feet.
Draft, 15½ feet.
Speed, 13 knots.

Guns:
2 6-inch.

Torpedo tubes:
4.

Mines:
60.
BONITA CLASS

BARRACUDA 163
BASS 164
BONITA 165

Description: Displacement, 2,000 tons.
Length, 326 feet (water line).
Beam, 27\(\frac{1}{2}\) feet.
Draft, 14\(\frac{1}{2}\) feet.
Speed, 18\(\frac{3}{4}\) knots.

Guns: 1 3-inch AA.
2 machine guns.

Torpedo tubes: 6.
Torpedoes: 16.
S-22 CLASS

S 1
S 18
S 20-48

Description: Displacement, 800 tons.
Length, 219\(\frac{1}{4}\) feet.
Beam, 20\(\frac{2}{3}\) feet.
Draft, 15 feet.
Speed, 14\(\frac{1}{2}\) knots.

Guns: 1 4-inch.
Torpedo tubes: 4.
Torpedoes: 12.
Fleet Submarines

S-14 CLASS

S 11-17

Description: Displacement, 790 tons.
Length, 231 feet.
Beam, 21½ feet.
Draft, 13 feet.
Speed, 14 knots.

Guns: 1 4-inch.
Torpedo tubes: 4.
Torpedoes: 12.
IDENTIFICATION OF U. S. NAVAL VESSELS

Coastal Submarines

MACKEREL CLASS

MACKEREL - 204
MARLIN - 205

Description: Displacement, 800 tons.
Length, 231 feet.
Beam, 21½ feet.
Draft, 12 feet.
Speed, 14½ knots.

Guns: 1 3-inch.
2 machine guns.

Torpedo tubes: 6
R CLASS

R 1-7
R 9-20

Description: Displacement, 530 tons.
Length, 186 feet.
Beam, 18 feet.
Draft, 14 1/2 feet.

Guns: 1 3-inch.
Torpedo tubes: 4.
Torpedoes: 8.
IDENTIFICATION OF U. S. NAVAL VESSELS

Coastal Submarines

O-6

O CLASS

O-2
O-4
O-6-10

Description: Displacement, 480 tons.
Length, 172½ feet.
Beam, 18 feet.
Draft, 14½ feet.
Speed, 14½ knots.

Guns: 1 3-inch AA.
Torpedo tubes: 4.
Torpedoes: 8.
SECTION IX
TORPEDO BOATS, GUN BOATS, TENDERS, ETC.
UNITED STATES NAVY
Torpedo Boats

CLASS 1

PT 1
PT 2
PT 3
PT 4

Description: Displacement, 20 tons.
Length, 59 feet.
Beam, —.
Draft, —.
Speed, 40 knots.

Guns:
Torpedo tubes:
Torpedo boats

CLASS 2

PT 5-32
Description: Displacement, 35 tons.
   Length, 81 feet.
   Beam, —.
   Draft, —.
   Speed, 40 knots.
Guns: 2 25-mm.
Torpedo tubes:
IDENTIFICATION OF U. S. NAVAL VESSELS

Gunboats
ERIE CLASS

ERIE

ERIE CLASS

CHARLESTON
ERIE

Description: Displacement, 2,000 tons.
Length, 308 feet (water line).
Beam, 41\(\frac{1}{2}\) feet.
Draft, 11\(\frac{1}{2}\) feet (mean).
Speed, 20 knots.

Guns: 4 6-inch.
2 machine guns AA.
2 3-pounders.

Airplanes: 1.
LANGLEY

Description: Displacement, 11,050 tons.
Length, 519 feet (water line).
Beam, 65½ feet.
Maximum draft, 24 feet.
Speed, 15 knots.

Guns: 4 5-inch.
Airplanes: 2.
IDENTIFICATION OF U. S. NAVAL VESSELS

Aircraft tenders

WRIGHT

Description: Displacement, 8,675 tons.
Length, 448 feet.
Beam, 58 feet.
Maximum draft, 27% feet.
Speed, 15 knots.

Guns: 2 5-inch.
2 3-inch AA.
4 machine guns AA.
UNITED STATES NAVY

WHITNEY DESTROYER TENDERS

WHITNEY

DOBBIN

Description: Displacement, 8,325 tons.
Length, 460 feet.
Beam, 61 feet.
Draft, 24 1/2 feet (mean).
Speed, 16 knots.

Guns:
8 5-inch.
4 3-inch AA.
2 6-pounders.

Torpedo tubes: 2.
Description: Displacement, 9,450 tons.
Length, 520 feet (water line).
Beam, 73 1/3 feet.
Draft, —.
Speed, —.
HOLLAND

Description: Displacement, 8,100 tons.
Length, 360 feet.
Beam, 61 feet.
Draft, 22¾ feet (mean).
Speed, 16 knots.

Guns: 8 5-inch.
4 3-inch AA.
2 6-pounders.

Torpedo tubes: 1.
WYOMING

TRAINING SHIP

WYOMING

Description: Displacement, 19,700 tons.
Length, 555½ feet (water line).
Beam, 93 feet.
Draft, 23½ feet (mean).
Speed, 18 knots.

Guns:
6 12-inch.
16 5-inch.
8 3-inch AA.
4 6-pounders.