WAR DEPARTMENT

BASIC FIELD MANUAL

MILITARY INTELLIGENCE
IDENTIFICATION OF JAPANESE NAVAL VESSELS

December 29, 1941
FM 30-58

BASIC FIELD MANUAL

MILITARY INTELLIGENCE

IDENTIFICATION OF JAPANESE NAVAL VESSELS

Prepared under direction of the Chief of Staff

UNITED STATES GOVERNMENT PRINTING OFFICE WASHINGTON : 1941
WAR DEPARTMENT,
WASHINGTON, December 29, 1941.

FM 30–58, Military Intelligence, Identification of Japanese Naval Vessels, is published for the information and guidance of all concerned.

[A. G. 062.11 (12–1–41).]

BY ORDER OF THE SECRETARY OF WAR:

G. C. MARSHALL,
Chief of Staff.

OFFICIAL:

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

DISTRIBUTION:

X
(For explanation of symbols see FM 21–6.)
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Type</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battleships</td>
<td>7</td>
</tr>
<tr>
<td>Pocket battleships</td>
<td>25</td>
</tr>
<tr>
<td>Aircraft carriers</td>
<td>27</td>
</tr>
<tr>
<td>Heavy cruisers</td>
<td>51</td>
</tr>
<tr>
<td>Light cruisers</td>
<td>69</td>
</tr>
<tr>
<td>Seaplane tenders</td>
<td>93</td>
</tr>
<tr>
<td>Destroyers</td>
<td>105</td>
</tr>
<tr>
<td>Submarines</td>
<td>149</td>
</tr>
<tr>
<td>Submarine tenders</td>
<td>163</td>
</tr>
<tr>
<td>Mine layers</td>
<td>169</td>
</tr>
<tr>
<td>Index</td>
<td>181</td>
</tr>
</tbody>
</table>

III
BASIC FIELD MANUAL

MILITARY INTELLIGENCE

IDENTIFICATION OF JAPANESE NAVAL VESSELS

The material contained in this manual has been secured from many sources. It is the best material available, but may be incomplete.

This manual, containing illustrations with explanatory data relative to Japanese naval vessels, is published for limited distribution. It will be used for instruction of officers and men in the appearance and general characteristics of Japanese naval vessels.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

TRANSPORT

SENIOR OFFICER

COMMODORE

REAR ADMIRAL

VICE ADMIRAL

ADMIRAL

Imperial Standard

Jack & Mercantile Ensign

Ensign
Insignia of rank—executive officers—sleeves.
## Principal Naval Guns

<table>
<thead>
<tr>
<th>Notation</th>
<th>Caliber</th>
<th>Length in calibers</th>
<th>Model</th>
<th>Weight of Gun</th>
<th>Weight of A. P. shot</th>
<th>Maximum penetration firing A. P. capped at K. C.</th>
<th>Danger space against average ship, at—</th>
<th>Service rate of fire. Rounds per minute</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5,000 yards</td>
<td>3,000 yards</td>
<td>10,000 yards</td>
</tr>
<tr>
<td>Heavy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Inches</td>
<td>Inches</td>
<td>Yards</td>
</tr>
<tr>
<td>16</td>
<td>45</td>
<td>K. M.</td>
<td>105</td>
<td>1,400</td>
<td></td>
<td>2,600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>45</td>
<td>V</td>
<td>82</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medium</td>
<td>8</td>
<td>50</td>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>45</td>
<td>V</td>
<td>17½</td>
<td>250</td>
<td></td>
<td>2,740</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>8</td>
<td>40</td>
<td>V</td>
<td>15½</td>
<td>250</td>
<td></td>
<td>2,550</td>
<td>5½</td>
<td>7½</td>
</tr>
<tr>
<td>6</td>
<td>45</td>
<td>('04)</td>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>50</td>
<td>V</td>
<td>15½</td>
<td>250</td>
<td></td>
<td>2,550</td>
<td>5½</td>
<td>7½</td>
</tr>
<tr>
<td>6</td>
<td>40</td>
<td>A</td>
<td>6</td>
<td>100</td>
<td></td>
<td>2,220</td>
<td>2½</td>
<td>4</td>
</tr>
<tr>
<td>5.5</td>
<td>50</td>
<td>A</td>
<td>9</td>
<td>100</td>
<td></td>
<td>2,220</td>
<td>2½</td>
<td>4</td>
</tr>
<tr>
<td>4.7</td>
<td>50</td>
<td>A</td>
<td>2</td>
<td>45</td>
<td></td>
<td>2,150</td>
<td>2½</td>
<td>4</td>
</tr>
<tr>
<td>4.7</td>
<td>40</td>
<td>A</td>
<td>1½</td>
<td>36</td>
<td></td>
<td>1,988</td>
<td>2½</td>
<td>4</td>
</tr>
<tr>
<td>Light</td>
<td>3</td>
<td>40</td>
<td>A</td>
<td></td>
<td></td>
<td>14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>40</td>
<td></td>
<td>12</td>
<td>2,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AA</td>
<td>3</td>
<td>40</td>
<td></td>
<td></td>
<td></td>
<td>13</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In the Model column, A = Armstrong; V = Vickers; K. M. = Kure Arsenal and Muroran Steel Works.

There are also mounted in recent ships: 6.1-inch (Mogami class) 6-inch, cal. .50 K. M.; 5-inch, cal. .50 AA, 1927 K. M.; 4.7-inch, cal. .50 AA; and various marks of 4-inch and 3-inch.
Japanese Alphabet

Read name from right to left in syllables made by consonants (down) and vowels (across), in names painted on sides of smaller ships.

<table>
<thead>
<tr>
<th>A</th>
<th>E</th>
<th>I</th>
<th>O</th>
<th>U</th>
<th>YA</th>
<th>YO</th>
<th>YU</th>
<th>WA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ア</td>
<td>エ</td>
<td>イ</td>
<td>オ</td>
<td>ウ</td>
<td>や</td>
<td>よ</td>
<td>ゆ</td>
<td>わ</td>
</tr>
<tr>
<td>バ</td>
<td>ペ</td>
<td>ビ</td>
<td>ボ</td>
<td>フ</td>
<td>ヒ人の</td>
<td>ヒ人の</td>
<td>ヒ人の</td>
<td>ヒ人の</td>
</tr>
<tr>
<td>ダ</td>
<td>デ</td>
<td>チ</td>
<td>ド</td>
<td>ツ</td>
<td>チ人が</td>
<td>チ人が</td>
<td>チ人が</td>
<td>チ人が</td>
</tr>
<tr>
<td>ガ</td>
<td>ゲ</td>
<td>ギ</td>
<td>ゴ</td>
<td>グ</td>
<td>キ人が</td>
<td>キ人が</td>
<td>キ人が</td>
<td>キ人が</td>
</tr>
<tr>
<td>ハ</td>
<td>ヘ</td>
<td>ヒ</td>
<td>ホ</td>
<td>フ</td>
<td>ヒ人が</td>
<td>ヒ人が</td>
<td>ヒ人が</td>
<td>ヒ人が</td>
</tr>
<tr>
<td>カ</td>
<td>ケ</td>
<td>キ</td>
<td>コ</td>
<td>ク</td>
<td>キ人が</td>
<td>キ人が</td>
<td>キ人が</td>
<td>キ人が</td>
</tr>
<tr>
<td>マ</td>
<td>メ</td>
<td>ミ</td>
<td>モ</td>
<td>ム</td>
<td>ミ人が</td>
<td>ミ人が</td>
<td>ミ人が</td>
<td>ミ人が</td>
</tr>
<tr>
<td>ナ</td>
<td>ネ</td>
<td>ニ</td>
<td>ヌ</td>
<td>ヌ</td>
<td>ヌ人が</td>
<td>ヌ人が</td>
<td>ヌ人が</td>
<td>ヌ人が</td>
</tr>
<tr>
<td>パ</td>
<td>ペ</td>
<td>ビ</td>
<td>ボ</td>
<td>ブ</td>
<td>ビ人が</td>
<td>ビ人が</td>
<td>ビ人が</td>
<td>ビ人が</td>
</tr>
<tr>
<td>ラ</td>
<td>レ</td>
<td>リ</td>
<td>ロ</td>
<td>ル</td>
<td>リ人が</td>
<td>リ人が</td>
<td>リ人が</td>
<td>リ人が</td>
</tr>
<tr>
<td>サ</td>
<td>セ</td>
<td>シ</td>
<td>ソ</td>
<td>ス</td>
<td>シ人が</td>
<td>シ人が</td>
<td>シ人が</td>
<td>シ人が</td>
</tr>
<tr>
<td>タ</td>
<td>テ</td>
<td>チ</td>
<td>ト</td>
<td>ツ</td>
<td>チ人が</td>
<td>チ人が</td>
<td>チ人が</td>
<td>チ人が</td>
</tr>
<tr>
<td>ウ</td>
<td>エ</td>
<td>キ</td>
<td>フ</td>
<td>フ</td>
<td>キ人が</td>
<td>キ人が</td>
<td>キ人が</td>
<td>キ人が</td>
</tr>
<tr>
<td>ヤ</td>
<td>ヨ</td>
<td>ユ</td>
<td>ユ</td>
<td>ユ</td>
<td>ユ人が</td>
<td>ユ人が</td>
<td>ユ人が</td>
<td>ユ人が</td>
</tr>
<tr>
<td>ザ</td>
<td>ゼ</td>
<td>ジ</td>
<td>ソ</td>
<td>ソ</td>
<td>ジ人が</td>
<td>ジ人が</td>
<td>ジ人が</td>
<td>ジ人が</td>
</tr>
</tbody>
</table>

N = ン

Table for interpretation of Japanese ideographs when found painted on ships.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Battleships
(New construction)
Nissin Class
(5 ships)

NISSIN
TAKAMATU
One complete but no name given.
Two others being completed.
Description: Displacement: Over 40,000 tons.
Length:
Beam:
Draft:
Speed: 30 knots.
Guns: 9—16-inch.

Note.—The above data are unofficial.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Battleships
Mutsu Class
(2 ships)

MUTSU
NAGATO

Description: Displacement: 32,720 tons (standard).
Length: 700 feet (over-all) approximate.
Beam: 95 feet.
Draft: 30 feet (maximum).
Speed: 24.5 knots.

Guns: 8—16-inch.
18—5.5-inch.
8—5-inch AA.
7—machine guns.

Torpedo tubes: 4—21-inch (submerged).
Aircraft: 3.

Catapults: 1.
Battleships
Mutsu Class

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Battleship ISE. Ise Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Battleships
Ise Class
(2 ships)

ISE
HYUGA
Description: Displacement: 29,990 tons (standard).
Length: 683 feet (over-all).
Beam: 94 feet.
Draft: 28 2/3 feet (maximum).
Speed: 23 knots.
Guns: 12—14-inch.
18—5.5-inch.
8—5-inch AA.
7—machine guns.
Torpedo tubes: 4—21-inch (submerged).
Aircraft: 3.

Catapults: 1.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Battleships
Ise Class

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Battleship FUSO. Yamashiro Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Battleships
Yamashiro Class
(2 ships)

YAMASHIRO
FUSO

Description: Displacement: 29,330 tons (standard).
Length: 673 feet (over-all).
Beam: 94 feet.
Draft: 28.5 feet (maximum).
Speed: 23 knots.

Guns: 12—14-inch.
16—6-inch.
8—5-inch AA.
26—machine guns.
4—landing.

Torpedo tubes: 2—21-inch (submerged).

IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Yamashiro Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Battleships
Yamashiro Class

Air views.
JAPANESE NAVY

Battleship HARUNA
Haruna Class

20
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Battleships
Haruna Class
(4 ships)

HARUNA
KIRISHIMA
KONGO (Employed as seagoing training ship)
HIYEI (Employed as seagoing training ship)

Description: Displacement: 29,330 tons (standard).
  Length: 704 feet (over-all).
  Beam: 92 to 95 feet.
  Draft: 27.5 feet (maximum).
  Speed: 26 knots (HIYEI 18 knots).

Guns: 8—14-inch.
   16—6-inch.
   8—5-inch AA.
   4—machine guns.
   4—landing.
Torpedo tubes: 4—21-inch (submerged).
Aircraft: 3.

Catapults: 1.

Speed note: HIYEI, demilitarized for training purposes, reported to be in hand for rearmament, but this is not officially admitted.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Battleships
Haruna Class

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Pocket Battleships
(Building or completing)

KADEKURU
KASINO
HACHIJO
One ship (name not known)
Description: Displacement: 12,000 to 15,000 tons.
   Length:
   Beam:
   Draft:
   Speed: Reported as 30 knots.
Guns: 6—12-inch.

Note.—The exactitude of the above information cannot be guaranteed. It would appear that the design of these vessels is based on that of the German "pocket battleships," so that they are actually heavy armored cruisers rather than battleships.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY
Aircraft Carriers
Zuikaku Class
(Completing)

ZUIKAKU
TAKASAGO
One other

Description: Displacement: 20,000 tons.
Length: 800 feet (over-all).
Beam: 100 feet.
Draft:
Speed: 30 knots

Guns:
Aircraft: 45.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY
SHOKAKU
Description: Displacement: 15,000 tons.
Length: 800 feet (over-all).
Beam:
Draft:
Speed: 30 knots.
Guns: 12—5-inch.
AA machine guns—Yes.
Aircraft: 30 to 40.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Aircraft Carrier SORYU, Soryu Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Aircraft Carriers
Soryu Class
(3 ships)

SORYU
HIRYU
KORYU

Description: Displacement: 10,050 tons.
Length: 688½ feet.
Beam: 68½ feet.
Draft: 16.5 feet (mean).
Speed: 30 knots.

Guns: 12—5-inch (dual purpose, paired).
16—AA machine guns.

Aircraft: 53.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

---

32
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Aircraft Carriers
Soryu Class

Air views.
33
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Aircraft Carrier

RYUJO
Description: Displacement: 7,600 tons.
Length: 548 feet.
Beam: 60.5 feet.
Draft: 15½ feet.
Speed: 25 knots.
Guns: 12—5-inch dual purpose.
24—AA machine guns.
Aircraft: 24 (unofficial).
Aircraft Carrier
RYUJO

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Aircraft Carrier KAGA.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Aircraft Carrier

KAGA
Description: Displacement: 26,900 tons.
Length: 715 feet (between perpendicualrs).
Beam: 102.75 feet.
Draft: 21½ feet.
Speed: 24 knots.
Guns: 10—8-inch.
12—4.7-inch AA.
28—machine guns.
Aircraft: 30 to 40.

APPEARANCE NOTE.—Similar in design to AKAGI.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Aircraft Carrier
KAGA

Air views.

41
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

(AKAGI is similar in appearance to KAGA on preceding page.)
IDENTIFICATION OF JAPANESE NAVAL VESSELS

AKAGI
Description: Displacement: 26,900 tons.
   Length: 763 feet (between perpendiculats).
   Beam: 92 feet.
   Speed: 28.5 knots.
Guns: 10—8-inch.
   12—4.7-inch AA.
   22—machine guns.
Aircraft: 32 to 40.

APPEARANCE NOTE.—Similar in design to KAGA.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Aircraft Carrier
AKAGI

Air views.

431418°—41—4  45
HOSHO
Description: Displacement: 7,470 tons.
Length: 510 feet (between perpendiculars)
Beam: 62 feet.
Draft: 20.25 feet.
Speed: 26 knots.
Guns: 4—5.5-inch.
2—3-inch AA.
Aircraft: 16 to 20.
Aircraft Carrier
HOSHO

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

TONE and CHIKUMA. Heavy Cruisers (recent construction).
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Heavy Cruisers
TONE, CHIKUMA

TONE
CHIKUMA
Description: Displacement: 8,500 tons.
   Length: 614 1/4 feet (between perpendiculars).
   Beam: 63 feet.
   Draft: 14 3/4 feet.
   Speed: 33 knots.
Guns: 12—6.1-inch.
   8—5-inch AA.
   12—machine guns.
Torpedo tubes: 12.
Aircraft: 4.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Heavy Cruiser KUMANO. Mogami Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Heavy Cruisers
Mogami Class
(4 ships)

MOGAMI
MIKUMA
SUZUYA
KUMANO

Description: Displacement: 8,500 tons (standard).
Length: 639\frac{3}{4} feet (over-all).
Beam: 59.75 feet.
Draft: 14.75 feet.
Speed: 33 knots.

Guns: 10—8-inch.
8—5-inch AA.
6—machine guns.

Torpedo tubes: 12—21-inch (tripled, above water).


Note.—There are sundry small differences in appearance as completed.
Mogami Class.

Note—Actually has 10-8-inch guns in pairs.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Heavy Cruisers
Mogami Class

Air views.

55
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Heavy Cruisers
Atago Class
(4 ships)

ATAGO
TAKAO
CHOKAI
MAYA

Description: Displacement: 9,850 tons (standard).
Length: 650 feet (over-all).
Beam: 62 1/3 feet.
Draft: 16.4 feet (mean).
Speed: 33 knots (maximum).

Guns: 10—8-inch.
4—4.7-inch AA.
8—47-mm AA.
4—machine guns.

Torpedo tubes: 8—21-inch (above water).

Aircraft: 4.

Catapults: 2.
Heavy Cruisers
Atago Class

Air views.
HEAVY CRUISER ASHIGARA.
Nachi Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Heavy Cruisers
Nachi Class
(4 ships)

NACHI
MYOKO
ASHIGARA
HAGURO

Description: Displacement: 10,000 tons (standard).
Length: 640 feet (over-all).
Beam: 62½ feet.
Draft: 16.5 feet (mean).
Speed: 33 knots (maximum).

Guns: 10—8-inch.
6—4.7-inch AA.
8—47-mm AA.
8—machine guns.

Torpedo tubes: 8—21-inch (quadrupled, above water).

Nachi Class.

Note.—Torpedo tubes actually are slightly farther aft than shown in bottom silhouette.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Heavy Cruisers
Nachi Class

Air views.

63
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Heavy Cruisers
Kako Class
(4 ships)

KAKO
FURUTAKA
KINUGASA
AOBA

Description: Displacement: 7,100 tons (standard).
Length: 595 feet (over-all).
Beam: 50.75 feet.
Draft: 14.75 feet (mean).
Speed: 33 knots (said to be reduced by adding bulges).

Guns: 6—8-inch.
4—4.7-inch AA.
10—machine guns.

Torpedo tubes: 12—21-inch (above water).
Aircraft: 2.

Catapults: 1.

Note.—Torpedo tubes are no longer arranged as shown in the silhouette on opposite page. See air views for changed arrangement of guns.
Heavy Cruisers
Kako Class
(1st 2 ships)

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

[Diagram of a Japanese naval vessel]
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Light Cruisers
Katori Class
(New construction)

KATORI
KASHIMA

Description: Displacement: 5,800 tons.
Length: 425 feet.
Beam: 52 feet.
Draft: 18 feet (mean).
Speed: 18 knots.

Guns: 4—7-inch.
2—5-inch AA.
—AA machine guns.
Torpedo tubes: 8—21-inch.
Aircraft: 1.

Catapults: 1.

Note.—These ships are officially rated as "Training Cruisers." Speed is too low for effective cruisers.
Identification of Japanese Naval Vessels

Katori Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Light Cruisers
Katori Class

Air views.
JAPANESE NAVY

Light Cruiser JINTSU. Jintsu Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Light Cruisers
Jintsu Class
(3 ships)

JINTSU
SENDAI
NAKA

Description: Displacement: 5,195 tons (standard).
Length: 535 feet (over-all).
Beam: 46.75 feet.
Draft: 16 feet.
Speed: 33 knots.

Guns: 7—5.5-inch.
2—3-inch AA.
6—machine guns.

Torpedo tubes: 8—21-inch (above water).

Aircraft: 1.

Catapult: 1.
Jintsu Class.

Note.—Actually catapult in position shown in top silhouette.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Light Cruisers
Jintsu Class

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Light Cruiser YUBARI
YUBARI

Description: Displacement: 2,890 tons (standard).
Length: 435 feet (between perpendicualrs).
Beam: 39.5 feet.
Draft: 11.75 feet.
Speed: 33 knots.

Guns: 6—5.5-inch.
1—3-inch AA.
2—machine guns.

Torpedo tubes: 4—21-inch (above water).
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

YUBARI
Light Cruiser
YUBARI

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Light Cruiser NATORI, Natori Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Light Cruisers
Natori Class
(6 ships)

NAGARA
NATORI
KINU
YURA
ISUZU
ABUKUMA

Description: Displacement: 5,170 tons (standard).
Length: 535 feet (over-all).
Beam: 46.75 feet.
Draft: 16 feet.
Speed: 33 knots.

Guns: 7—5.5-inch.
2—3-inch AA.
2—machine guns.

Torpedo tubes: 8—21-inch (above water).


Appearance Note.—Design similar to Kuma Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Light Cruisers
Natori Class

Air views.

83
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE
NAVY

Light Cruiser KUMA
Kuma Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Light Cruisers
Kuma Class
(5 ships)

KUMA
TAMA
KITAGAMI
KISO
OI

Description: Displacement: 5,100 tons (standard).
Length: 535 feet (over-all).
Beam: 46.75 feet.
Draft: 15.75 feet (mean).
Speed: 33 knots.

Guns: 7—5.5-inch.
2—3-inch.
2—machine guns.

Torpedo tubes: 8—21-inch (above water).

Aircraft: 1.

Catapults: 1.

APPEARANCE NOTE.—Design similar to Natori Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Kuma Class.
Light Cruisers
Kuma Class

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Light Cruisers
Kuma Class

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

[Diagram of a light cruiser]

Light Cruiser TENRYU.

TENRYU Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Light Cruisers
Tenryu Class
(2 ships)

TENRYU
TATSUTA

Description: Displacement: 3,230 tons (standard).
Length: 468 feet (over-all).
Beam: 40.75 feet.
Draft: 13 feet (mean).
Speed: 31 knots.

Guns: 4—5.5-inch.
  1—3-inch AA.
  2—machine guns.
Torpedo tubes: 6—21-inch (above water).
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Light Cruisers
Tenryu Class

Air views.
Seaplane Tender MIZUHO.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Seaplane Tenders
Chitose Class
(3 ships)

CHITOSE
CHIYODA
MIZUHO

Description: Displacement: 9,000 tons (standard).
Length: 577.5 feet.
Beam: 61 2/3 feet.
Draft: 19 feet (mean).
Speed: 20 knots (MIZUHO, 17 knots).

Guns: 4—5-inch (dual purpose).
(6—5-inch AA in MIZUHO.)

Aircraft: 14.

Catapults: 4.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

CHITOSE

CHIYODA

Chitose Class.
Seaplane Tenders
CHITOSE

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY
KAMOI

Description: Displacement: 17,000 tons (standard).
Length: 496 feet (water line).
Beam: 67 feet.
Draft: 27⅔ feet.
Speed: 15 knots.

Guns: 2—5.5-inch.
2—3-inch AA.

Aircraft: 10 to 16.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Seaplane Tender NOTOBO.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Seaplane Tender

NOTORO

Description: Displacement: 14,050 tons (standard).
Length: 470¾ feet (over-all).
Beam: 58 feet.
Draft: 26.5 feet.
Speed: 12 knots.

Guns: 2—4.7-inch.
2—3-inch AA.

Aircraft: 8 to 16.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Seaplane Tender

NOTORO

Air views.

103
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Destroyer ASAGUMO, Asashio Class.
### IDENTIFICATION OF JAPANESE NAVAL VESSELS

#### Destroyers

**Asashio Class**
(21 ships)

<table>
<thead>
<tr>
<th>ASASHIO</th>
<th>NATSUGUMO</th>
<th>HATSUKAZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARASHIO</td>
<td>KASUMI</td>
<td>NATSUSHIO</td>
</tr>
<tr>
<td>OSHIO</td>
<td>ARARE</td>
<td>YUKIKAZE</td>
</tr>
<tr>
<td>MICHISHIO</td>
<td>KAGERO</td>
<td>ISOKAZE</td>
</tr>
<tr>
<td>ASAGUMO</td>
<td>SHIRANUHI</td>
<td>HAYASHIO</td>
</tr>
<tr>
<td>YAMAGUMO</td>
<td>KUROSHIO</td>
<td>AMATSUKAZE</td>
</tr>
<tr>
<td>MINEGUMO</td>
<td>OYASHIO</td>
<td>TOKITSUKAZE</td>
</tr>
</tbody>
</table>

**Description:**
- **Displacement:** 1,500 tons.
- **Length:** 356 feet.
- **Beam:** 33 feet.
- **Draft:** 9 feet.
- **Speed:** 34 knots.

- **Guns:** 6—5-inch dual purpose (paired).
  - 2—AA machine guns.
- **Torpedo tubes:** 8—21-inch (quadrupled).
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Asashio Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Asashio Class

Air views.

107
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Destroyer SAMIDARE
Shigure Class
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Shigure Class
(10 ships)

SHIGURE
SHIRATSUYU
MURASAME
YUDACHI
HARUSAME
SAMIDARE
YAMAKAZE
SUZUKAZE
KAWAKAZE
UMIKAZE

Description: Displacement: 1,368 tons.
Length: 335.5 feet.
Beam: 31.75 feet.
Draft: 9.25 feet (mean).
Speed: 34 knots.

Guns: 5—5-inch dual purpose.
2—AA machine guns.

Torpedo tubes: 8—21-inch (quadrupled).
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Shigure Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Shigure Class

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Hatsuharu Class
(6 ships)

HATSUHARU
NENOHI
HATSUSHIMO
WAKABA
ARIAKE
YUGURE

Description: Displacement: 1,368 tons.
Length: 338 feet.
Beam: 33 feet.
Draft: 8¾ feet (mean).
Speed: 34 knots.

Guns: 5—5-inch dual purpose.
2—AA machine guns.

Torpedo tubes: 6—21-inch.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Hatsuharu Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Hatsuharu Class

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE
NAVY

Destroyer SHIRAKUMO.
Shinonome Class.

116
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Shinonome Class
(8 ships)

SHINONOME
FUBUKI
SHIRAYUKI
USUGUMO
SHIRAKUMO
ISONAMI
HATSUYUKI
MURAKUMO

Description: Displacement: 1,700 tons.
Length: 371.5 feet.
Beam: 33.75 feet.
Draft: 9.75 feet (mean)
Speed: 34 knots.

Guns: 6—5-inch.
2—AA machine guns.
Torpedo tubes: 9—21-inch.

APPEARANCE NOTE.—Similar in design to Amagiri and Hibiki Classes.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Shimonome Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Shinonome Class

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Destroyer URANAMI, Amagiri Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Amagiri Class
(11 ships)

AMAGIRI    SAGIRI
URANAMI    USHIO
SHIKINAMI  OBORO
AYANAMI    AKEBONO
ASAGIRI    SAZANAMI
YUGIRI

Description: Displacement: 1,700 tons.
Length: 371.5 feet.
Beam: 33.75 feet.
Draft: 9.75 feet (mean).
Speed: 34 knots.

Guns: 6—5-inch.
2—AA machine guns.
Torpedo tubes: 9—21-inch.

Appearance Note.—Similar in design to Shinonome and Hibiki Classes.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Amagiri Class

Air views.

123
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Hibiki Class
(4 ships)

HIBIKI
AKATSUKI
IKAZUCHI
INAZUMA

Description: Displacement: 1,700 tons.
Length: 371.5 feet.
Beam: 33.75 feet.
Draft: 9.75 feet (mean).
Speed: 34 knots.

Guns: 6—5-inch.
2—AA machine guns.
Torpedo tubes: 9—21-inch.

APPEARANCE NOTE.—Similar in design to Shinonome and Amagiri Classes.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE
NAVY

Hibiki Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Hibiki Class

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Destroyer UZUKI, Mutsuki Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Mutsuki Class
(12 ships)

MUTSUKI  MINATSUKI
KISARAGI  NAGATSUKI
SATSUKI   MIKATSUKI
YAYOI     MOCHITSUKI
FUMITSUKI YUZUKI
KIKUTSUKI UZUKI

Description: Displacement: 1,315 tons.
Length: 320 feet (between perpendicualrs).
Beam: 30 feet.
Draft: 9% feet (maximum).
Speed: 34 knots.

Guns: 4—4.7-inch.
2—AA machine guns.
Torpedo tubes: 6—21-inch (tripled).
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Mutsuki Class.
Identifyion of Japanese Naval Vessels

Destroyers
Mutsuki Class

Air views.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Destroyer ASAKAZE, Kamikaze Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Kamikaze Class
(9 ships)

KAMIKAZE
ASAKAZE
HARUKAZE
MATSUKAZE
ASANAGI
HATAKAZE
OITE
HAYATE
YUNAGI

Description: Displacement: 1,270 tons.
Length: 336 feet (over-all).
Beam: 30 feet.
Draft: 9 7/12 feet (maximum).
Speed.: 34 knots.

Guns: 4—4.7-inch.
2—AA machine guns.
Torpedo tubes: 6—21-inch.

133
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Kamikaze Class

Air views.

135
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Destroyer NUMAKAZE
Mikazuki Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Minekaze Class
(15 ships)

MINEKAZE  HOKAZE
OKIKAZE   SHIOKAZE
SHIMAKAZE TACHIKAZE
SAWAKAZE  NADAKAZE
AKIKAZE   NAMIKAZE
YUKAZE    NUMAKAZE
HAKAZE    NOKAZE
YAKAZE

Description: Displacement: 1,215 tons.
Length: 3361/2 feet (over-all).
Beam: 29.25 feet.
Draft: 9.5 feet (mean).
Speed: 34 knots.

Guns: 4—4.7-inch.
2—AA machine guns.

Torpedo tubes: 6—21-inch.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Minekaze Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Minekaze Class

Air views.
WAKATAKE
KURETAKE
SANAYE
ASAGAO
FUYO
KARUKAYA

Description: Displacement: 820 tons.
  Length: 275 feet.
  Beam: 26.5 feet.
  Draft: 8.5 feet.
  Speed: 31.5 knots.
Guns: 3—4.7-inch.
  2—AA machine guns.
Torpedo tubes: 4—21-inch (paired).
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Wakatake Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Wakatake Class

Air views.

143
JAPANESE NAVY
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Destroyers
Kuri Class
(3 ships)

KURI
HASU
TSUGA

16 others of this class scrapped during 1939–40.
Description: Displacement: 770 tons.
Length: 275 feet (between perpendiculurs).
Beam: 26 feet.
Draft: 8 feet.
Speed: 31.5 knots.

Guns: 3—4.7-inch.
2—AA machine guns.
Torpedo tubes: 4—21-inch (paired).
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Kuri Class.
DESTROYERS
Kuri Class

Air views.

147
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Submarines "I-16" Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Submarines
"I-16" Class
(5 ships)
(Recent construction)

I-16
I-17
I-18
I-19
I-20

Description: Displacement: 2,180 tons.
Length: 348 feet.
Beam: 30 feet.
Draft: 16 feet.
Speed: 20 knots, surface.

Guns: 1—5.5-inch.
2—AA machine guns.

Torpedo tubes: 8—21-inch.

These are said to be the biggest submarines ever built in Japan.
Submarine I-71.
SUBMARINES
I-71 Class
(5 ships)

I-71
I-72
I-73
I-74
I-75

Description: Displacement: 1,400 tons.
  Length: 331 feet.
  Beam: 27 feet.
  Draft: 13 feet.
  Speed: 20 knots, surface.
  9 knots, submerged.

Guns: 1—4.7-inch.
Torpedo tubes: 6—21-inch.
Submarines—I-68 Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Submarines
I-68 Class
(3 ships)

I-68
I-69
I-70

Description: Displacement: 1,400 tons.
Length: 331 feet.
Beam: 27 feet.
Draft: 13 feet.
Speed: 20 knots, surface.
9 knots, submerged.

Guns: 1—4-inch.
1—machine gun.

Torpedo tubes: 6—21-inch.
Identifying of Japanese Naval Vessels

Japanese Navy

Submarines—I-61 Class.
Submarines
I-61 Class
(5 ships)

I-61
I-62
I-64
I-65
I-66
(NEtE.—I-63 sunk by collision, Feb. 2, 1939.)

Description: Displacement: 1,635 tons.
Length: 322 feet.
Beam: 26 feet.
Speed: 19 knots, surface.
9 knots, submerged.

Guns: 1—4.7-inch.
1—AA machine gun.

Torpedo tubes: 6—21-inch.

Cruising radius reported to be 16,000 miles.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Submarines—I-53 Class.

156
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Submarines
I-53 Class
(8 ships)

I-53
I-54
I-55
I-56
I-57
I-58
I-59
I-60

Description: Displacement: 1,635 tons.
Length: 331 feet.
Beam: 26 feet.
Draft: 16 feet.
Speed: 19 knots, surface.
9 knots, submerged.

Guns: 1—4-inch.
1—AA machine gun.

Torpedo tubes: 8—21-inch.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Submarines—I-5 Class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Submarines
I-5 Class
(4 ships)

I-5—1,955 tons.
I-6—1,900 tons.
I-7—1,950 tons.
I-8—1,950 tons.

Description: Displacement: as above.
Length: 320 feet (last two, 357 feet).
Beam: 30 feet.
Draft: 15 feet.
Speed: 17 knots, surface.
9 knots, submerged.

Guns: 2—5-inch on I-5 and I-6.
2—5.5-inch on I-7 and I-8.
Each ship has 2 AA machine guns.

Torpedo tubes: 6—21-inch.
Submarines I-1 class.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Submarines
I-1 Class
(4 ships)

I-1
I-2
I-3
I-4

Description:
Displacement: 1,955 tons.
   Length: 320 feet.
   Beam: 30 feet.
   Draft: 15\(\frac{3}{4}\) feet.
   Speed: 17 knots, surface.
         9 knots, submerged.

Guns:
   2—5-inch.
   1—3-inch AA.
   1—AA machine gun.

Torpedo tubes: 6—21-inch.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE NAVY

Submarine Tenders Tsurugisaki and Takeda.
TSURUGISAKI
TAKASAKI

Description: Displacement: 12,000 tons.
Length: 660 feet.
Beam: 59 feet.
Draft: 21 feet.
Speed: 19 knots.

Guns: 4—5-inch AA.
12—machine guns.
Submarine Tender TAIGEI.
TAIGEI

Description: Displacement: 10,000 tons.
Length: 689 feet (over-all).
Beam: 59 feet.
Draft: 17 feet.
Speed: 20 knots.

Guns: 4—5-inch.
12—machine guns.

Aircraft: 3.

Catapults: 2.
Submarine Tenders Chogei Class.
Submarine Tenders
Chogei Class
(2 ships)

CHOGEI
JINGEI

Description: Displacement: 5,160 tons.
Length: 380 feet.
Beam: 53 feet.
Draft: 19½ feet (mean).
Speed: 16 knots.

Guns: 4—5.5-inch.
2—3-inch AA.
2—machine guns.

Seaplanes: 1.

Submarine tender CHOGEI.
Mine layer OKINOSHIMA.
OKINOSHIMA

Description: Displacement: 4,400 tons.
   Length: 387 feet.
   Beam: 51 feet.
   Draft: 16½ feet.
   Speed: 20 knots.

Guns: 4—5.5-inch.
   4—machine guns.
Mine layer YAEYAMA.
YAEYAMA

Description: Displacement: 1,135 tons.
Length: 280.5 feet.
Beam: 35 feet.
Draft: 8 feet.
Speed: 20 knots.

Guns: 2—4.7-inch.
2—AA machine guns.
Mine layer ITSUKUSHIMA.
ITSUKUSHIMA

Description: Displacement: 1,970 tons.
Length: 328 feet.
Beam: 42 feet.
Draft: 10 feet.
Speed: 16 knots.

Guns: 3—5.5-inch,
2—3-inch AA.

Mines: 250 large or 500 small.
Mine layer SHIRATAKA.
Identifcation of Japanese Naval Vessels

Mine layer

Shirataka

Description: Displacement: 1,345 tons.
              Length: 260 feet.
              Beam: 38 feet.
              Draft: 9 feet.
              Speed: 16 knots.

Guns: 3—4.7-inch.
      1—AA machine gun.
Mine layer TOKIWA.
IDENTIFICATION OF JAPANESE NAVAL VESSELS

Mine layer

TOKIWA

Description: Displacement: 9,240 tons.
Length: 442 feet (over-all).
Beam: 67 feet.
Draft: 24\textfrac{1}{4} feet.
Speed: 21 knots.

Guns: 2—8-inch.
8—6-inch.
2—3-inch.
1—3-inch AA.
Mine layer KATSURIKI.
KATSURIKI

Description: Displacement: 1,540 tons.
   Length: 240 feet.
   Beam: 39 feet.
   Draft: 14 feet.
   Speed: 13 knots.

Guns: 3—4.7-inch AA.
   1—3-inch.

Mine layer KATSURIKI.
### INDEX

<table>
<thead>
<tr>
<th>Ship</th>
<th>Page</th>
<th>Page Ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abukuma</td>
<td>81</td>
<td>I-1 to I-4</td>
</tr>
<tr>
<td>Akagi</td>
<td>43</td>
<td>I-5 to I-8</td>
</tr>
<tr>
<td>Akatsuki</td>
<td>125</td>
<td>I-16 to I-20</td>
</tr>
<tr>
<td>Akebono</td>
<td>121</td>
<td>I-53 to I-60</td>
</tr>
<tr>
<td>Akikaze</td>
<td>137</td>
<td>I-61 to I-66</td>
</tr>
<tr>
<td>Amagiri</td>
<td>121</td>
<td>I-68 to I-70</td>
</tr>
<tr>
<td>Amatsukaze</td>
<td>105</td>
<td>I-71 to I-75</td>
</tr>
<tr>
<td>Aoba</td>
<td>65</td>
<td>Ikazuchi</td>
</tr>
<tr>
<td>Arare</td>
<td>105</td>
<td>Inazuma</td>
</tr>
<tr>
<td>Arashio</td>
<td>105</td>
<td>Ise</td>
</tr>
<tr>
<td>Ariake</td>
<td>113</td>
<td>Isokaze</td>
</tr>
<tr>
<td>Asagao</td>
<td>141</td>
<td>Isonami</td>
</tr>
<tr>
<td>Asagiri</td>
<td>121</td>
<td>Isuzu</td>
</tr>
<tr>
<td>Asagumo</td>
<td>105</td>
<td>Itsukushima</td>
</tr>
<tr>
<td>Asakaze</td>
<td>133</td>
<td></td>
</tr>
<tr>
<td>Asanagi</td>
<td>133</td>
<td></td>
</tr>
<tr>
<td>Asashio</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>Ashigara</td>
<td>61</td>
<td></td>
</tr>
<tr>
<td>Atago</td>
<td>57</td>
<td>Kadekuru</td>
</tr>
<tr>
<td>Ayami</td>
<td>121</td>
<td>Kaga</td>
</tr>
<tr>
<td>Chikuma</td>
<td>51</td>
<td>Kagero</td>
</tr>
<tr>
<td>Chitose</td>
<td>93</td>
<td>Kako</td>
</tr>
<tr>
<td>Chiyoda</td>
<td>167</td>
<td>Kamikaze</td>
</tr>
<tr>
<td>Chogei</td>
<td>57</td>
<td>Kamol</td>
</tr>
<tr>
<td>Chokai</td>
<td>117</td>
<td>Karukaya</td>
</tr>
<tr>
<td>Choukin</td>
<td>129</td>
<td>Kashima</td>
</tr>
<tr>
<td>Choukaz</td>
<td>133</td>
<td>Kasino</td>
</tr>
<tr>
<td>Choukei</td>
<td>129</td>
<td>Kasumi</td>
</tr>
<tr>
<td>Chouji</td>
<td>25</td>
<td>Katori</td>
</tr>
<tr>
<td>Chouha</td>
<td>129</td>
<td>Katsuriki</td>
</tr>
<tr>
<td>Chouma</td>
<td>17</td>
<td>Kawakaze</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Kikutsuki</td>
</tr>
<tr>
<td>Chouyui</td>
<td>141</td>
<td>Kinu</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Kinugasa</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Kirishima</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Kisharagi</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Kiso</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Kitagami</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Kongo</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Koryu</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Kuma</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Kumano</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Kuretake</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Kuri</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Kuroshio</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Matsukaze</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Maya</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Michishio</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Mikatsuki</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Mikuma</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Minatsuki</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td>Minegumo</td>
</tr>
<tr>
<td>Chouyu</td>
<td>141</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>Minekaze</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Mizuho</td>
<td>93</td>
<td></td>
</tr>
<tr>
<td>Mochitsuki</td>
<td>129</td>
<td></td>
</tr>
<tr>
<td>Mogami</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>Murakumo</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>Murasame</td>
<td>109</td>
<td></td>
</tr>
<tr>
<td>Mutsu</td>
<td>109</td>
<td></td>
</tr>
<tr>
<td>Mutsuki</td>
<td>129</td>
<td></td>
</tr>
<tr>
<td>Myoko</td>
<td>61</td>
<td></td>
</tr>
<tr>
<td>Nachi</td>
<td>61</td>
<td></td>
</tr>
<tr>
<td>Nadakaze</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Nagara</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>Nagato</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Nagatsuki</td>
<td>129</td>
<td></td>
</tr>
<tr>
<td>Naka</td>
<td>73</td>
<td></td>
</tr>
<tr>
<td>Namikaze</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Natori</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>Natsugumo</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>Natsushio</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Nenchi</td>
<td>113</td>
<td></td>
</tr>
<tr>
<td>Nissin</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Nokaze</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Notoro</td>
<td>101</td>
<td></td>
</tr>
<tr>
<td>Numakaze</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Oboro</td>
<td>121</td>
<td></td>
</tr>
<tr>
<td>Ok</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td>Otte</td>
<td>133</td>
<td></td>
</tr>
<tr>
<td>Okikaze</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Okinoshima</td>
<td>169</td>
<td></td>
</tr>
<tr>
<td>Oshio</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>Oyashio</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>Ryujo</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>Sagiri</td>
<td>121</td>
<td></td>
</tr>
<tr>
<td>Samidare</td>
<td>109</td>
<td></td>
</tr>
<tr>
<td>Sanaye</td>
<td>141</td>
<td></td>
</tr>
<tr>
<td>Satsuki</td>
<td>129</td>
<td></td>
</tr>
<tr>
<td>Sawakaze</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Sanayone</td>
<td>121</td>
<td></td>
</tr>
<tr>
<td>Sendai</td>
<td>73</td>
<td></td>
</tr>
<tr>
<td>Shigure</td>
<td>109</td>
<td></td>
</tr>
<tr>
<td>Shikinami</td>
<td>121</td>
<td></td>
</tr>
<tr>
<td>Shimakaze</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Shinonome</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>Shikokaze</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Shirakumo</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>Shiranuhi</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>Shiratsuyu</td>
<td>109</td>
<td></td>
</tr>
<tr>
<td>Shirayuki</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>Shokaku</td>
<td>29</td>
<td></td>
</tr>
<tr>
<td>Soryu</td>
<td>31</td>
<td></td>
</tr>
<tr>
<td>Suzukaze</td>
<td>109</td>
<td></td>
</tr>
<tr>
<td>Suzuya</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>Tachikaze</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Taigel</td>
<td>165</td>
<td></td>
</tr>
<tr>
<td>Takamatu</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Takao</td>
<td>57</td>
<td></td>
</tr>
<tr>
<td>Takasago</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>Takasuki</td>
<td>163</td>
<td></td>
</tr>
<tr>
<td>Tama</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td>Tatsuta</td>
<td>89</td>
<td></td>
</tr>
<tr>
<td>Tenryu</td>
<td>89</td>
<td></td>
</tr>
<tr>
<td>Tokitsukaze</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>Tokiwa</td>
<td>177</td>
<td></td>
</tr>
<tr>
<td>Tone</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td>Tsuga</td>
<td>145</td>
<td></td>
</tr>
<tr>
<td>TsurugiSaki</td>
<td>163</td>
<td></td>
</tr>
<tr>
<td>Umikaze</td>
<td>109</td>
<td></td>
</tr>
<tr>
<td>Uranami</td>
<td>121</td>
<td></td>
</tr>
<tr>
<td>Ushio</td>
<td>121</td>
<td></td>
</tr>
<tr>
<td>Usugumo</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>Uzuki</td>
<td>129</td>
<td></td>
</tr>
<tr>
<td>Wakaba</td>
<td>113</td>
<td></td>
</tr>
<tr>
<td>Wakatake</td>
<td>141</td>
<td></td>
</tr>
<tr>
<td>Yaeyama</td>
<td>171</td>
<td></td>
</tr>
<tr>
<td>Yakaze</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Yamagumo</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>Yamakaze</td>
<td>109</td>
<td></td>
</tr>
<tr>
<td>Yamashiro</td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>Yayoi</td>
<td>129</td>
<td></td>
</tr>
<tr>
<td>Youbari</td>
<td>77</td>
<td></td>
</tr>
<tr>
<td>Yudachi</td>
<td>109</td>
<td></td>
</tr>
<tr>
<td>Yugiri</td>
<td>121</td>
<td></td>
</tr>
<tr>
<td>Yugure</td>
<td>113</td>
<td></td>
</tr>
<tr>
<td>Yukaze</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>Yuragi</td>
<td>133</td>
<td></td>
</tr>
<tr>
<td>Yura</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>Yuzuki</td>
<td>129</td>
<td></td>
</tr>
<tr>
<td>Zuikaku</td>
<td>27</td>
<td></td>
</tr>
</tbody>
</table>