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FM 30-58

WAR DEPARTMENT

BASIC FIELD MANUAL

MILITARY INTELLIGENCE

IDENTIFICATION OF
JAPANESE NAVAL VESSELS

December 29, 1941

FM 30-58

BASIC FIELD MANUAL

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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:

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The Adjutant General.*

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(For explanation of symbols see FM 21-6.)

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TABLE OF CONTENTS

	Page
Battleships	7
Pocket battleships	25
Aircraft carriers	27
Heavy cruisers	51
Light cruisers	69
Seaplane tenders	93
Destroyers	105
Submarines	149
Submarine tenders	163
Mine layers	169
Index	181

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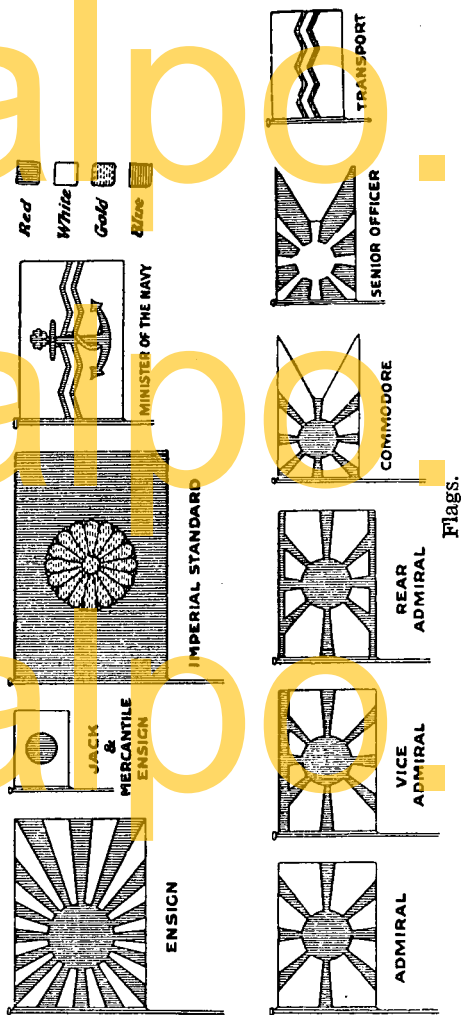
IDENTIFICATION OF JAPANESE NAVAL VESSELS

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



Insignia of rank

	Tai-sho. <i>Admiral.</i>
	Chu-sho. <i>Vice-Ad.</i>
	Sho-sho. <i>Rear-Ad.</i>
	Tai-sa. <i>Captain.</i>
	Chu-sa. <i>Commander.</i>
	Sho-sa. <i>Lieut. Com.</i>
	Tai-i. <i>Lieutenant.</i>
	Chu-i. <i>Sub-Lieut.</i>
	Sho-i. <i>Acting Sub-Lieut.</i>
	Sho-i Ko-hosei. <i>Midshipman.</i>

Insignia of rank—executive officers—sleeves.

IDENTIFICATION OF JAPANESE NAVAL VESSELS

JAPANESE
NAVY

Principal Naval Guns

Notation	Caliber	Length in calibers	Model	Weight of Gun	Weight of A. P. shot	Maximum penetration firing A. P. capped at K. C.	Danger space against average ship, at—			Service rate of fire. Rounds per minute
							10,000 yards	5,000 yards	3,000 yards	
	Inches		K. M. V	Tons	Lbs.	5,000 yards	3,000 yards	10,000 yards	5,000 yards	3,000 yards
						Inches	Inches	Yards	Yards	Yards
Heavy	16	45	K. M.	105	2,600	7	10	110	425	600
	14	45	V	82	1,400					
Medium	8	50	A	17½	250	2,740	7	10	110	425
	8	45	A	15½	250	2,580	5½	7½	100	400
	8	40	A	8½	100	3,000	4½	6½	75	250
	6	45	(104)	8½	100	3,000	4½	6½	75	250
	6	50	V	8	100	3,000	4½	6½	75	250
	6	40	A	6½	100	2,500	3	4½	65	210
	6	40	A	6	100	2,220	2½	4	35	150
	5.5	50		6¼	82	2,725				
	4.7	45								
	4.7	40	A	2	45	2,150				
4.7	32	A	1¾	36	1,988					
										2½
Light	3									
	3	40		2	12	2,200				
AA	3									
	3	40			13					

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

There are also mounted in recent ships: 6.1-inch (Mogami class) 8-inch, cal. .50 K. M.; 5-inch, cal. .50 A.A., 1927 K. M.; 4.7-inch, cal. .50 A.A.; and various marks of 4-inch and 3-inch.

Japanese Alphabet

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.

	A	E	I	O	U	YA	YO	YU	WA
	ア	エ	イ	オ	ウ	/	/	/	/
B	バ	ベ	ビ	ボ	ブ	ビャ	ビョ	ビュ	/
D	ダ	デ	ヂ	ド	ヅ	ヂャ	ヂョ	ヂュ	/
G	ガ	ゲ	ギ	ゴ	グ	ギャ	ギョ	ギュ	グフ
H	ハ	ヘ	ヒ	ホ	フ	ヒャ	ヒョ	ヒュ	/
K	カ	ケ	キ	コ	ク	キャ	キョ	キュ	クフ
M	マ	メ	ミ	モ	ム	ミャ	ミョ	ミュ	/
N	ナ	ネ	ニ	ノ	ヌ	ニャ	ニョ	ニュ	/
P	パ	ペ	ピ	ポ	プ	ピャ	ピョ	ピュ	/
R	ラ	レ	リ	ロ	ル	リャ	リョ	リュ	/
S	サ	セ	シ	ソ	ス	シャ	ショ	シユ	/
T	タ	テ	チ	ト	ツ	チャ	チョ	チュ	/
W	ワ	ヱ	ヰ	ヲ	/	/	/	/	/
Y	ヤ	/	/	ヨ	ユ	/	/	/	/
Z	ザ	ゼ	ジ	ゾ	ズ	ジャ	ジョ	ジュ	/

N = ノ

Table for interpretation of Japanese ideographs when found painted on ships.

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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.

JAPANESE
NAVY



Battleship MUTSU.
Mutsu Class.

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.

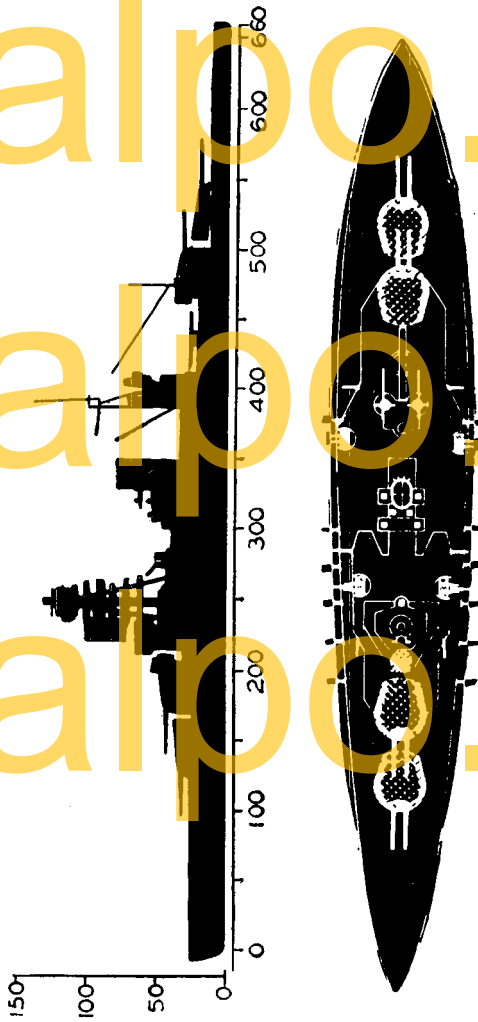
Guns: 8—16-inch.
18—5.5-inch.
8—5-inch AA.
7—machine guns.

Torpedo tubes: 4—21-inch (submerged).

Aircraft: 3.

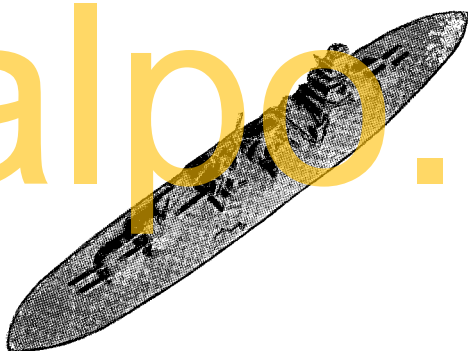
Catapults: 1.

JAPANESE
NAVY



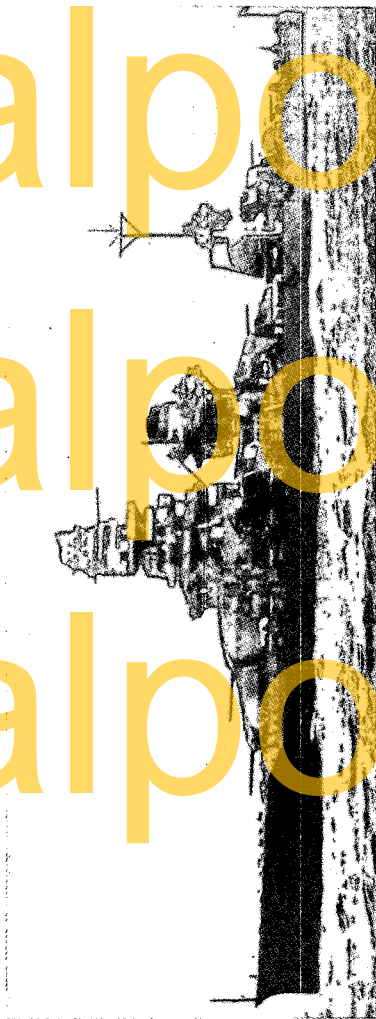
Mutsu Class.

Battleships
Mutsu Class



Air views.

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 $\frac{2}{3}$ feet (maximum).

Speed: 23 knots.

Guns: 12—14-inch.

18—5.5-inch.

8—5-inch AA.

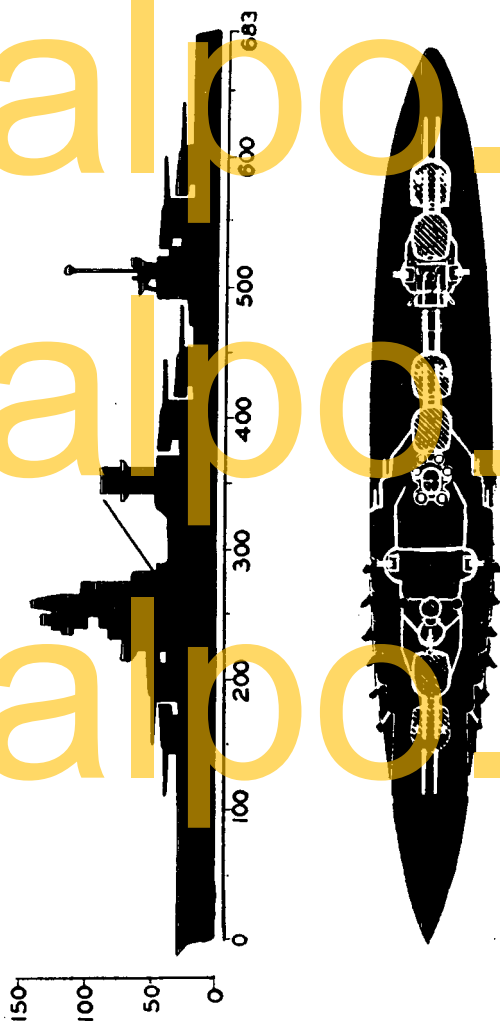
7—machine guns.

Torpedo tubes: 4—21-inch (submerged).

Aircraft: 3.

Catapults: 1.

JAPANESE
NAVY



Ise Class.

IDENTIFICATION OF JAPANESE NAVAL VESSELS

Battleships
Ise Class



Air views.

JAPANESE
NAVY



Battleship FUSO.
Yamashiro Class.

INDEX

	Page		Page
Abukuma	81	I-1 to I-4	161
Akagi	43	I-5 to I-8	159
Akatsuki	125	I-16 to I-20	149
Akebono	121	I-53 to I-60	157
Akikaze	137	I-61 to I-66	155
Amagiri	121	I-68 to I-70	153
Amatsukaze	105	I-71 to I-75	151
Aoba	65	Ikazuchi	125
Arare	105	Inazuma	125
Arashio	105	Ise	13
Ariake	113	Isokaze	105
Asagao	141	Isonami	117
Asagiri	121	Isuzu	81
Asagumo	105	Itsukushima	173
Asakaze	133	Jingei	167
Asanagi	133	Jintsu	73
Asashio	105	Kadekuru	25
Ashigara	61	Kaga	39
Atago	57	Kagero	105
Ayanami	121	Kako	65
Chikuma	51	Kamikaze	133
Chitose	93	Kamoi	97
Chiyoda	93	Karukaya	141
Chogei	167	Kashima	69
Chokai	57	Kasino	25
Fubuki	117	Kasumi	105
Fumitsuki	129	Katori	69
Furutaka	65	Katsuriki	179
Fuso	17	Kawakaze	109
Fuyo	141	Kikutsuki	129
Hachijo	25	Kinu	81
Haguro	61	Kinugasa	65
Hakaze	137	Kirishima	21
Harukaze	133	Kisaragi	129
Haruna	21	Kiso	85
Harusame	109	Kitagami	85
Hasu	145	Kongo	21
Hatakaze	133	Koryu	31
Hatsuharu	113	Kuma	85
Hatsukaze	105	Kumano	53
Hatsushimo	113	Kuretake	141
Hatsuyuki	117	Kuri	145
Hayashio	105	Kuroshio	105
Hayate	133	Matsukaze	133
Hibiki	125	Maya	57
Hiryu	31	Michishio	105
Hiyei	21	Mikatsuki	129
Hokaze	137	Mikuma	53
Hosho	47	Minatsuki	129
Hyuga	13	Minegumo	105

IDENTIFICATION OF JAPANESE NAVAL VESSELS

	Page		Page
Minekaze -----	137	Shirataka -----	175
Mizuho -----	93	Shiratsuyu -----	109
Mochitsuki -----	129	Shirayuki -----	117
Mogami -----	53	Shokaku -----	29
Murakumo -----	117	Soryu -----	31
Murasame -----	109	Suzukaze -----	109
Mutsu -----	9	Suzuya -----	53
Mutsuki -----	129	Tachikaze -----	137
Myoko -----	61	Taigei -----	165
Nachi -----	61	Takamatu -----	7
Nadakaze -----	137	Takao -----	57
Nagara -----	81	Takasago -----	27
Nagato -----	9	Takasaki -----	163
Nagatsuki -----	129	Tama -----	85
Naka -----	73	Tatsuta -----	89
Namikaze -----	137	Tenryu -----	89
Natori -----	81	Tokitsukaze -----	105
Natsugumo -----	105	Tokiwa -----	177
Natsushio -----	105	Tone -----	51
Nenohi -----	113	Tsuga -----	145
Nissin -----	7	Tsurugisaki -----	163
Nokaze -----	137	Umikaze -----	109
Notoro -----	101	Uranami -----	121
Numakaze -----	137	Ushio -----	121
Oboro -----	121	Usugumo -----	117
Oi -----	85	Uzuki -----	129
Oite -----	133	Wakaba -----	113
Okikaze -----	137	Wakatake -----	141
Okinoshima -----	169	Yaeyama -----	171
Oshio -----	105	Yakaze -----	137
Oyashio -----	105	Yamagumo -----	105
Ryujo -----	35	Yamakaze -----	109
Sagiri -----	121	Yamashiro -----	17
Samidare -----	109	Yayoi -----	129
Sanaye -----	141	Yubari -----	77
Satsuki -----	129	Yudachi -----	109
Sawakaze -----	137	Yugiri -----	121
Sazanami -----	121	Yugure -----	113
Sendai -----	73	Yukaze -----	137
Shigure -----	109	Yukikaze -----	105
Shikinami -----	121	Yunagi -----	133
Shimakaze -----	137	Yura -----	81
Shinonome -----	117	Yuzuki -----	129
Shiokaze -----	137	Zuikaku -----	27
Shirakumo -----	117		
Shiranuhi -----	105		

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