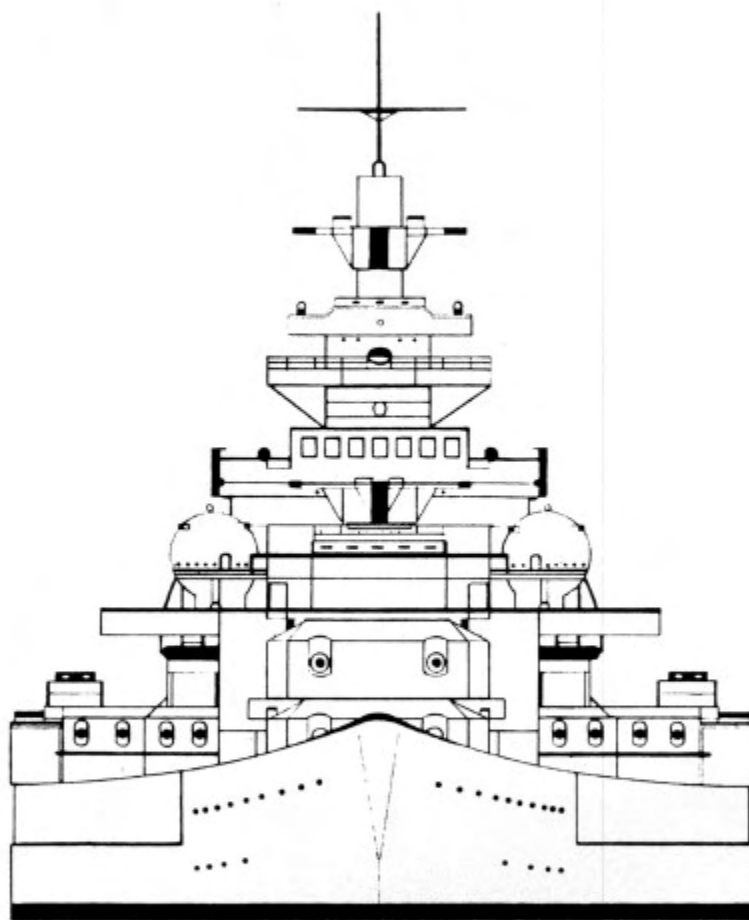


SEEKRIEG

FOURTH EDITION



SHIP DATA

VOLUME I

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SEEKRIEG 4

NAVAL WARGAME RULES

1890-1945



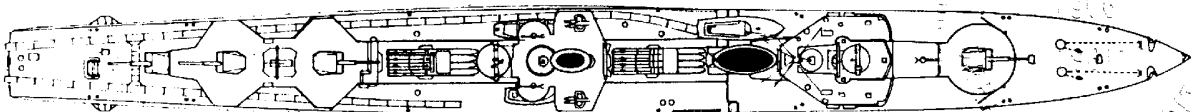
SHIP DATA SHEETS

Volume I

COMPILED and EDITED

by

Richard R. Sartore



The SHIP DATA SHEETS (Volume I) are a collection of data concerning each class of major warships completed by the countries of the world during the years 1890 through 1945. The information has been compiled and tabulated in a form that allows the maximum amount of data to be presented in as small a space as possible. The information provides the gamer with all the data needed to play SEEKRIEG 4 and has not been converted to game units so that the information may be used for other purposes as well. The data presented is that of the ship as it was completed and does not include any refits, modifications or additions. A separate set of SHIP DATA SHEETS (Volume II) will be available which will contain re-armament and refit information for all the Battleships, Battlecruisers, Heavy and Light Cruisers, Destroyers and Aircraft Carriers included in Volume I.

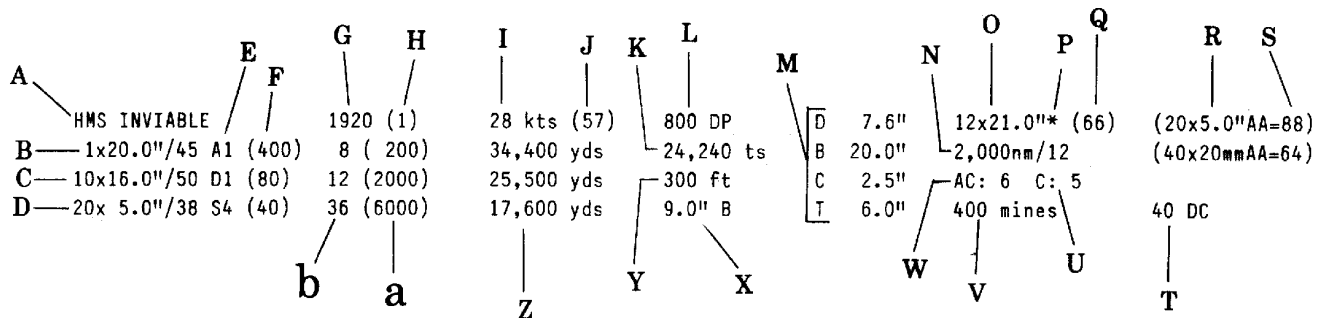
All entries are presented by country and grouped by the general ship type (i.e. Battleships and Battlecruisers, Heavy Cruisers, Light Cruisers, Destroyers, etc.). The classes are presented in chronological order (except for a few entries) and although only the class name is given for each listing, there is a ship class listing beginning on Page 55. When space permits, all the names of the ships in each class are given. However, those classes too large to fit all the ship names are denoted by three periods after the name of the last ship listed. In general, the most prominent ships (in terms of war service) are included and they are not presented in any specific order.

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In order to assist you in finding the information you need until you become familiar with the format of the SHIP DATA SHEETS, the drawing and key below have been included.

- A. Name of the class (usually the first one launched or completed).
- B. Number, size (in inches) and caliber of main armament guns.
- C. As above except for the secondary battery guns.
- D. As B. except for the tertiary battery guns.
- E. The penetration class of the gun (see CHART R)
- F. The Loss Factor or the number of Damage Points the ship can take before it will lose one of the guns in this battery (calculated by dividing the total DP of the ship by the total number of guns in the particular battery). In cases where there is only one gun, then it will be lost when the ship has received $\frac{1}{2}$ of its total DP.
- G. The year the first ship of the class was completed.
- H. The total number of ships in the class that were completed.
- I. The maximum average speed of the ships in the class (in knots rounded to the nearest even number for game purposes).
- J. The Loss Factor or the number of Damage Points the ship can take before it will lose two knots of speed.
- K. The Standard Displacement of the class (in tons)
- L. The total number of Damage Points the ship can sustain before being considered sunk (calculated by multiplying the Standard Displacement by .033).
- M. The maximum amount of armor (in inches) on the Deck (D), Sidebelt (B), Conning Tower (C), and main battery Turrets (T), or in the case of aircraft carriers, Hangar (H). The Deck armor is usually the total of all decks protecting the vital machinery and the Turret armor is the average amount of armor on the top and face of the turret.
- N. The cruising radius of the ship in nautical miles at a given cruising speed in knots.
- O. The number and size (in inches) of the torpedo tubes carried aboard.
- P. The use of an asterisk after the size of the tubes indicated that the tubes were fixed, submerged, or otherwise untrainable.
- Q. The Loss Factor for the Torpedo Tubes used similar to B. above.
- R. The number and size (in inches or millimeters) of all DP or AA guns on the ship as completed. Some ships (like HMS INVARIABLE) have DP guns which will be listed both in position R. and C. or D.
- S. The total AA Factor for the guns (calculated by multiplying the number of guns in the particular battery by the factors listed on CHART E).
- T. The number of Depth Charges carried aboard ship.
- U. The number of aircraft Catapults carried aboard ship.
- V. The number of mines carried aboard ship.
- W. The number of Aircraft carried aboard ship.
- X. The average amount of armor on the ship used only when using the Armor Average method of damage determination (calculated by taking the average of the amounts listed for D, B, C, and T). In cases where no amount of armor is listed, then use 1" as the amount. The letter following this average is the Armor Type (see CHART U).
- Y. The length of the ship at the waterline (used for torpedo calculation).
- Z. The range of the guns listed to the left at maximum elevation (range given in yards)
 - a. The number of rounds of ammunition available to that battery.
 - b. The maximum sustained rate of fire for the battery (given in shells per two minutes per gun).



ARGENTINA

BATTLESHIPS & BATTLECRUISERS

ALMIRANTE BROWN	1880 (1)	12 kts (23)	141 DP	D	1.5"	2x14.0"* (70)
10x 6.0"/50 P2 (14)	12 (800)	10,500 yds	4,267 ts	B	9.0"	
4x 3.7"/50 T2 (35)	28 (800)	6,000 yds	240 ft	C	7.0"	
			4.6" F	T	1.0"	
LIBERTAD	1890 (2)	14 kts (11)	77 DP	D	2.0"	2x18.0"* (38)
2x 9.4"/35 L3 (38)	2 (200)	9,500 yds	2,336 ts	B	8.0"	
4x 4.7"/40 S4 (19)	18 (600)	6,000 yds	230 ft	C	5.0"	
			4.0" F	T	4.0"	
GARIBALDI	1895 (4)	16 kts (28)	226 DP	D	2.0"	4x18.0"* (56)
2x10.0"/40 K2 (113)	2 (200)	14,000 yds	6,840 ts	B	6.0"	
10x 6.0"/40 P4 (22)	12 (800)	9,700 yds	328 ft	C	6.0"	
6x 4.7"/40 S4 (37)	18 (600)	6,000 yds	4.3" D	T	3.0"	
RIVIDAVIA	1911 (2)	20 kts (92)	922 DP	D	3.0"	2x21.0"* (461)
12x12.0"/50 H2 (77)	3 (960)	23,500 yds	27,940 ts	B	11.0"	7,600nm/10
12x 6.0"/50 P2 (77)	10 (1200)	16,500 yds	578 ft	C	12.0"	
16x 4.0"/50 T2 (57)	18 (1600)	13,700 yds	8.4" C	T	7.5"	

CRUISERS

25 DE MAIO	1892 (1)	20 kts (10)	106 DP	D	4.5"	3x14.0"* (35)
2x 8.2"/30 M6 (53)	3 (160)	8,200 yds	3,200 ts	B	1.2"	
8x 4.7"/40 S4 (13)	16 (800)	6,000 yds	330 ft	C	3.0"	
			2.7" F	T	2.0"	
ESPORA	1892 (1)	20 kts (2)	25 DP	B	1.2"	4x14.0" (6)
2x 3.0"/28 U3 (12)	20 (160)	5,500 yds	550 ts	1.0" F		
9 DE JULIO	1893 (1)	22 kts (10)	115 DP	D	4.5"	5x18.0"* (23)
4x 6.0"/40 P4 (28)	12 (400)	9,700 yds	3,500 ts	B	1.2"	
8x 4.7"/40 S4 (14)	16 (800)	6,000 yds	350 ft	C	2.0"	
			2.3" F	T	1.5"	
PATRIA	1894 (1)	20 kts (3)	35 DP	B	1.4"	5x14.0"* (7)
2x 4.7"/40 S4 (17)	16 (200)	6,000 yds	1,070 ts	1.1" F		
BUENOS AIRES	1897 (1)	24 kts (12)	149 DP	D	5.0"	5x18.0"* (29)
2x 8.0"/45 M4 (74)	3 (160)	16,000 yds	4,500 ts	B	1.8"	
4x 6.0"/40 P4 (37)	12 (400)	9,700 yds	408 ft	C	6.0"	
6x 4.7"/40 S4 (24)	16 (600)	6,000 yds	4.3" D	T	4.5"	
ALMIRANTE BROWN	1931 (2)	32 kts (14)	224 DP	B	2.8"	6x21.0"* (37) (6x40mmAA= 9)
6x 7.5"/45 N2 (37)	12 (1200)	21,500 yds	6,800 ts	C	2.4"	7,300nm/14 AC: 2 C: 1
12x 3.9"/47 T3 (18)	16 (3000)	16,800 yds	533 ft	T	1.6"	2.0" A
LA ARGENTINA	1939 (1)	32 kts (13)	215 DP	D	2.0"	6x21.0" (35) (8x40mmAA=12)
9x 6.0"/50 P2 (23)	16 (1800)	24,800 yds	6,500 ts	B	3.0"	AC: 2 C: 1 (4x4.0"AA=14)
4x 4.0"/45 T3 (53)	30 (1800)	21,000 yds	508 ft	C	3.0"	
			2.5" A	T	2.0"	

DESTROYERS

CORRIENTES	1898 (3)	26 kts (1)	25 DP		3x18.0" (8)	
1x 3.0"/28 U3 (13)	24 (100)	5,000 yds	250 ts			
MENDOZA	1910 (4)	32 kts (1)	31 DP	290 ft	4x21.0" (7)	
4x 4.0"/40 T4 (7)	20 (320)	12,000 yds	950 ts			
CATAMARCA	1911 (4)	34 kts (2)	36 DP	289 ft	4x21.0" (9)	
4x 4.0"/40 T4 (9)	20 (320)	12,000 yds	1100 ts			
SANTIAGO	1914 (4)	32 kts (2)	43 DP		4x21.0" (10)	
3x 4.0"/40 T4 (14)	20 (240)	12,000 yds	1300 ts			
CERVANTES	1925 (2)	36 kts (2)	50 DP	318 ft	6x21.0" (8)	
5x 4.7"/45 S3 (10)	20 (500)	16,500 yds	1522 ts		4,500nm/14	
LA RIOJA	1929 (3)	36 kts (2)	52 DP	331 ft	6x21.0" (8)	(2x40mmAA= 3)
5x 4.7"/45 S3 (10)	20 (500)	16,500 yds	1570 ts		4,500nm/14	
BUENOS AIRES	1938 (7)	36 kts (2)	45 DP	318 ft	8x21.0" (5)	
4x 4.7"/45 S3 (11)	20 (480)	16,500 yds	1375 ts		6,000nm/10	

AUSTRIA - HUNGARYBATTLESHIPS & BATTLECRUISERS

K. ERZHERZOG RUDOLF	1889 (1)	14 kts (33)	228 DP	D 2.7"	4x17.7"* (57)	
3x12.0"/35 H5 (76)	1 (240)	13,000 yds	6,900 ts	B 12.0"		
6x 4.7"/35 S4 (38)	15 (600)	6,000 yds	295 ft	C 12.0"		
2x 2.6"/45 X1 (114)	40 (600)	5,000 yds	9.4" E	T 11.0"		
MONARCH	1897 (3)	18 kts (20)	186 DP	D 2.4"	2x17.7"* (93)	
4x 9.4"/40 L2 (46)	2 (320)	17,000 yds	5,645 ts	B 10.6"	2,200nm/12	
6x 5.9"/40 P4 (31)	8 (900)	9,000 yds	315 ft	C 8.7"		
12x 1.9"/44 X1 (16)	40 (2400)	3,800 yds	7.9" C	T 9.8"		
HABSBURG	1902 (3)	20 kts (27)	275 DP	D 2.6"	2x17.7"* (137)	
3x 9.4"/40 L2 (91)	2 (240)	17,500 yds	8,340 ts	B 8.3"	4,500nm/10	
12x 5.9"/40 P4 (22)	8 (1800)	9,000 yds	354 ft	C 7.9"		
10x 2.6"/45 X1 (27)	40 (1500)	5,000 yds	5.2" C	T 2.0"		
ERZHERZOG KARL	1906 (3)	20 kts (35)	351 DP	D 3.0"	2x17.7"* (175)	
4x 9.4"/40 L2 (87)	2 (320)	17,500 yds	10,640 ts	B 8.3"	4,500nm/10	
12x 7.5"/42 N2 (29)	9 (1320)	13,000 yds	390 ft	C 8.7"		
12x 2.6"/45 X1 (29)	40 (4800)	5,000 yds	6.5" C	T 6.0"		
RADETZKY	1910 (3)	20 kts (47)	479 DP	D 1.9"	3x17.7"* (159)	
4x12.0"/45 H3 (119)	2 (300)	21,900 yds	14,500 ts	B 9.0"	5,000nm/10	
8x 9.4"/45 L1 (59)	5 (800)	18,000 yds	448 ft	C 9.8"		
20x 3.9"/50 T2 (23)	18 (3000)	14,000 yds	5.8" C	T 2.4"		
VIRIBUS UNITIS	1912 (4)	20 kts (67)	678 DP	D 1.9"	4x21.0"* (170)	
12x12.0"/45 H3 (56)	2 (912)	21,900 yds	20,548 ts	B 11.0"	4,200nm/10	
12x 5.9"/50 P2 (56)	10 (2160)	18,600 yds	495 ft	C 11.0"		
18x 2.6"/50 U1 (37)	20 (7200)	7,600 yds	7.5" C	T 5.9"		

CRUISERS

K. FRANZ JOSEF I	1890 (2)	20 kts (13)	134 DP	D 2.2"	4x17.7"* (33)
2x 9.4"/35 L3 (67)	2 (120)	9,500 yds	4,050 ts	C 3.5"	3,200nm/10
6x 5.9"/35 P4 (22)	8 (360)	8,000 yds	321 ft	T 2.2"	2.2" F
K. & K. M. THERESIA	1895 (1)	20 kts (17)	173 DP	D 2.2"	4x17.7"* (43)
2x 9.4"/40 L2 (86)	2 (150)	17,000 yds	5,247 ts	B 3.9"	3,500nm/10
8x 5.9"/35 P4 (21)	8 (640)	8,000 yds	351 ft	C 2.0"	
16x 1.9"/44 X1 (10)	40 (3200)	3,800 yds	3.0" F	T 3.9"	
KAISER KARL VI	1900 (1)	20 kts (20)	209 DP	D 2.4"	2x17.7"* (104)
2x 9.4"/40 L2 (104)	2 (180)	17,000 yds	6,325 ts	B 8.7"	3,500nm/10
8x 5.9"/40 P4 (26)	8 (640)	9,000 yds	390 ft	C 7.9"	
16x 1.9"/44 X1 (13)	40 (3200)	3,800 yds	5.9" D	T 4.5"	
ZENTA	1900 (3)	20 kts (7)	77 DP	D 2.0"	2x17.7"* (38)
8x 4.7"/40	18 (640)	13,100 yds	2,350 ts	B 2.0"	3,500nm/10
10x 1.9"/44 X1 (7)	40 (1000)	3,800 yds	313 ft	1.5" D	
SANKT GEORG	1905 (1)	22 kts (22)	245 DP	D 2.6"	2x17.7"* (122)
2x 9.4"/40 L2 (122)	2 (180)	17,500 yds	7,420 ts	B 8.3"	4,500nm/10
5x 7.5"/42 N2 (49)	9 (500)	13,000 yds	384 ft	C 7.9"	
4x 5.9"/40 P4 (61)	12 (400)	9,000 yds	6.4" C	T 6.8"	
9x 2.6"/45 X1	40 (900)	5,000 yds			
ADMIRAL SPAUN	1910 (1)	26 kts (8)	116 DP	B 2.4"	8x17.7" (14)
7x 3.9"/50 T2 (16)	18 (560)	14,000 yds	3,500 ts	1.4" C	1,600nm/24
			425 ft		
SAIDA	1914 (3)	26 kts (9)	118 DP	B 2.4"	6x17.7" (19)
9x 3.9"/50 T2 (13)	18 (720)	14,000 yds	3,580 ts	1.4" C	1,600nm/24
			428 ft		

DESTROYERS

HUSZÁR	1905 (13)	28 kts (1)	25 DP	224 ft	2x17.7" (12)
6x 2.6"/45 X1 (4)	30 (600)	5,000 yds	400 ts	12 mines	500nm/28
TATRA	1913 (10)	32 kts (1)	29 DP	276 ft	4x17.7" (7)
2x 3.9"/50 T2 (14)	16 (220)	12,000 yds	880 ts		1,600nm/12
6x 2.6"/45 X1 (4)	30 (480)	5,000 yds			

BRAZILBATTLESHIPS & BATTLECRUISERS

RIACHUELO	1886 (1)	14 kts (26)	188 DP	D 2.0"	5x14.0"*
4x 9.4"/35 L3 (47)	2 (240)	9,500 yds	5,700 ts	B 11.0"	
6x 4.7"/40 S4 (31)	16 (480)	6,000 yds	305 ft	C 10.0"	
			7.3" F	T 6.0"	
AQUIDABAN	1889 (1)	14 kts (23)	165 DP	D 2.0"	5x14.0"*
4x 8.0"/45 M4 (41)	3 (240)	16,000 yds	5,000 ts	B 11.0"	
4x 4.7"/40 S4 (41)	16 (240)	6,000 yds	280 ft	C 10.0"	
8x 2.2"/40 X1 (20)	40 (600)	5,000 yds	7.3" F	T 6.0"	

MARSHAL FLORIANO	1899 (2)	14 kts (14)	104 DP	D 1.5"	2x14.0"* (52)
2x 9.4"/45 L1 (52)	4 (180)	14,200 yds	3,162 ts	B 13.8"	2,500nm/10
4x 4.7"/40 S4 (26)	16 (400)	6,000 yds	267 ft	C 5.0"	
			7.0" D	T 7.0"	

MIÑAS GERAS	1910 (2)	20 kts (63)	636 DP	D 2.3"	
12x12.0"/50 H2 (53)	3 (960)	21,000 yds	19,281 ts	B 9.0"	9,200nm/10
22x 4.7"/50 S2	16 (2200)	10,000 yds	530 ft	C 12.0"	
			7.8" C	T 8.0"	

CRUISERS

BARROZO	1897 (1)	20 kts (11)	114 DP	D 3.5"	
6x 6.0"/50 P2 (19)	12 (600)	10,500 yds	3,450 ts	B 1.4"	
4x 4.7"/40 S4 (28)	18 (400)	6,000 yds	330 ft	1.7" F	

TUPY	1897 (3)	22 kts (3)	34 DP	T 4.5"	3x14.0"* (11)
2x 4.7"/40 S4 (16)	18 (200)	6,000 yds	1,030 ts	1.9" F	259 ft

TAMANDARE	1893 (1)	16 kts (18)	150 DP	D 1.8"	
10x 6.0"/40 P4 (15)	12 (500)	9,000 yds	4,537 ts	C 2.0"	
2x 4.7"/40 S4 (75)	18 (200)	6,000 yds	294 ft	T 3.0"	2.0" F

BAHIA	1910 (2)	26 kts (7)	102 DP	C 3.0"	2x18.0"* (51)
10x 4.7"/50 S2 (10)	16 (800)	10,000 yds	3,100 ts	1.5" C	380 ft

DESTROYERS

PARA	1909 (10)	28 kts (1)	25 DP	240 ft	2x18.0" (12)
2x 4.0"/40 T4 (12)	20 (200)	12,000 yds	550 ts		3,700nm/14

CHILEBATTLESHIPS & BATTLECRUISERS

CAPITAN PRAT	1893 (1)	16 kts (24)	197 DP	D 3.0"	4x18.0"* (49)
4x 9.4"/35 L3 (49)	2 (220)	10,000 yds	5,981 ts	B 12.0"	4,000nm/8
8x 4.7"/45 S3 (24)	18 (800)	6,450 yds	328 ft	C 10.5"	
6x 2.2"/40 X1 (32)	40 (600)	5,000 yds	6.9" F	T 2.0"	

ALMIRANTE LATORRE	1920 (1)	See data for CANADA(1915) under Great Britain			
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CRUISERS

BLANCO ENCALADA	1894 (1)	22 kts (13)	146 DP	D 4.0"	5x18.0"* (29)
2x 8.0"/40 M5 (73)	3 (160)	14,000 yds	4,420 ts	C 6.0"	
10x 6.0"/40 P4 (14)	12 (800)	9,000 yds	370 ft	T 6.0"	4.3" F

ESMERALDA	1896 (1)	24 kts (19)	231 DP	D 2.0"	3x18.0"* (77)
2x 8.0"/40 M5 (115)	3 (200)	14,000 yds	7,000 ts	B 6.0"	
16x 6.0"/40 P4 (14)	12 (1280)	9,000 yds	436 ft	C 8.0"	
8x 3.0"/28 U3 (28)	24 (800)	5,000 yds	5.1" D	T 4.5"	

O'HIGGINS	1898 (1)	20 kts (28)	281 DP	D 2.0"	5x18.0"* (56)
4x 8.0"/45 M4 (70)	3 (400)	14,800 yds	8,500 ts	B 7.0"	
10x 6.0"/40 P4 (28)	12 (1000)	9,000 yds	407 ft	C 9.0"	
4x 4.7"/45 S3 (70)	18 (400)	6,450 yds	6.4" D	T 7.5"	

MINISTRO ZENTENO	1898 (1)	20 kts (11)	119 DP	D 3.5"	3x18.0"* (39)
8x 6.0"/40 P4 (14)	12 (480)	9,000 yds	3,600 ts	C 4.0"	
10x 2.2"/40 X1 (11)	40 (800)	5,000 yds	330 ft	2.4" D	
CHACABUCO	1902 (1)	20 kts (14)	142 DP	D 4.5"	5x18.0"* (28)
2x 8.0"/40 M5 (71)	3 (200)	14,000 yds	4,300 ts	B 2.0"	
10x 4.7"/45 S3 (14)	18 (800)	6,450 yds	360 ft	C 4.0"	
12x 3.0"/28 U3 (11)	24 (1200)	5,000 yds	3.8" D	T 4.5"	

DESTROYERS

CAPITAN O'BRIEN	1900 (6)	30 kts (1)	25 DP		2x18.0" (12)
1x 3.0"/28 U3 (13)	24 (100)	5,000 yds	350 ts		
ALDEA	1928 (6)	30 kts (3)	57 DP	299 ft	6x21.0" (9)
3x 4.7"/45 S3 (19)	18 (300)	10,600 yds	1,730 ts		20 mines

CHINACRUISERS

HAI YUNG	1898 (3)	20 kts (9)	99 DP	D 2.8"	3x14.0"* (33)
3x 5.9"/40 P4 (33)	10 (300)	9,000 yds	3,000 ts	C 1.2"	
8x 4.1"/35 T4 (12)	14 (400)	6,500 yds	328 ft	T 2.0"	1.8" E
HAI CHI	1900 (2)	24 kts (11)	142 DP	D 5.0"	5x18.0"* (28)
2x 8.0"/40 M5 (71)	3 (160)	14,000 yds	4,300 ts	C 6.0"	
10x 4.7"/45 S3 (14)	18 (800)	6,450 yds	396 ft	T 4.5"	4.1" D
CHAO HO	1912 (2)	22 kts (8)	89 DP	D 3.0"	2x18.0" (44)
2x 6.0"/50 P2 (44)	10 (180)	16,500 yds	2,700 ts	C 3.0"	
4x 4.0"/50 T2 (22)	18 (240)	13,700 yds	330 ft	T 1.8"	2.2" C

DENMARKBATTLESHIPS

SKJOLD	1896 (1)	12 kts (11)	71 DP	D 2.0"	
1x 9.4"/40 L2 (36)	2 (80)	17,000 yds	2,160 ts	B 8.9"	
3x 4.7"/40 S4 (23)	18 (300)	6,000 yds	222 ft	C 7.9"	
			6.7" D	T 7.9"	
HERLUF TROLLE	1900 (3)	16 kts (14)	116 DP	D 2.2"	3x17.7"* (38)
2x 9.4"/43 L2 (58)	2 (160)	17,300 yds	3,500 ts	B 7.9"	
4x 5.9"/40 P4 (29)	8 (320)	9,000 yds	272 ft	C 7.0"	
			6.0" C	T 6.9"	
NIELS JUEL	1923 (1)	16 kts (15)	125 DP	D 2.2"	2x17.7"* (75)
10x 5.9"/45 P3 (12)	7 (900)	14,900 yds	3,800 ts	B 7.7"	
4x 2.2"/44 X1 (31)	30 (400)	8,200 yds	295 ft	C 6.7"	
			4.6" C	T 1.8"	

CRUISERS

VALKYRIEN	1890 (1)	18 kts (11)	100 DP	D 2.5"	5x14.0"* (20)
2x 8.2"/18 P5 (50)	1 (100)	4,800 yds	3,020 ts		
6x 5.9"/32 P5 (16)	6 (300)	4,000 yds	259 ft	1.4" F	
HEIMDAL	1893 (2)	16 kts (5)	43 DP	D 1.2"	4x17.7"* (10)
2x 4.7"/40 S4 (21)	18 (200)	6,000 yds	257 ft	C 4.5"	1.9" F

FRANCEBATTLESHIPS & BATTLECRUISERS

REQUIN	1886 (4)	14 kts (34)	238 DP	D 4.0"	
2x10.8"/45 (119) J3	2 (200)	13,000 yds	7,214 ts	B 19.5"	
6x 3.9"/45 (39) T3	14 (600)	6,500 yds	324 ft	C 12.0"	
			10.3" F	T 5.5"	
HOCHE	1889 (1)	16 kts (45)	363 DP	D 3.0"	5x17.7"* (72)
2x13.4"/26 (181) H5	1 (160)	7,600 yds	11,000 ts	B 17.8"	
2x10.8"/28 (181) K3	1 (160)	7,000 yds	337 ft	C 6.0"	
12x 5.5"/30 (30) S4	4 (960)	6,000 yds	8.8" F	T 8.5"	
MARCEAU	1890 (1)	16 kts (45)	360 DP	D 4.0"	5x17.7"* (72)
4x13.4"/30 (90) F2	1 (320)	7,700 yds	10,900 ts	B 17.8"	
15x 5.5"/30 (24) S4	4 (1200)	6,000 yds	330 ft	C 14.0"	
			9.3" F	T 1.5"	
MAGENTA	1893 (2)	16 kts (45)	360 DP	D 4.0"	5x17.7"* (72)
4x13.4"/30 (90) F2	1 (320)	7,700 yds	10,900 ts	B 17.8"	
17x 5.5"/30 (21) S4	4 (1360)	6,000 yds	336 ft	C 14.0"	
			9.3" E	T 1.5"	
JEMMAPPES	1894 (2)	16 kts (26)	214 DP	D 4.0"	2x17.7"* (107)
2x13.4"/40 (107) F2	1 (160)	10,800 yds	6,486 ts	B 18.0"	
4x 3.9"/45 (53) T3	14 (400)	6,500 yds	284 ft	C 12.0"	
			10.5" E	T 7.8"	
BOUVINES	1894 (2)	16 kts (27)	216 DP	D 4.0"	2x17.7"* (108)
2x12.0"/45 (108) H3	2 (160)	10,900 yds	6,535 ts	B 18.0"	
8x 3.9"/45 (27) T3	14 (800)	6,500 yds	292 ft	C 12.0"	
			10.5" E	T 7.8"	
BRENNUS	1895 (1)	18 kts (41)	376 DP	D 3.4"	6x17.7"* (62)
3x13.4"/40 (125) F2	1 (240)	11,000 yds	11,395 ts	B 18.0"	
10x 6.5"/45 (37) P3	5 (800)	9,800 yds	375 ft	C 4.8"	
			5.7" E	T 9.5"	
CARNOT	1896 (1)	18 kts (44)	401 DP	D 2.8"	4x17.7"* (100)
2x12.0"/45 (200) H3	2 (200)	10,000 yds	12,150 ts	B 17.8"	
2x10.8"/45 (200) J4	2 (160)	13,000 yds	381 ft	C 6.0"	
8x 5.5"/45 (50) Q1	9 (800)	9,000 yds	8.5" E	T 7.4"	
CHARLES MARTEL	1896 (1)	18 kts (43)	392 DP	D 2.8"	6x17.7"* (65)
2x12.0"/45 (196) H3	2 (200)	10,900 yds	11,882 ts	B 17.8"	
2x10.8"/45 (196) J4	2 (160)	13,000 yds	390 ft	C 9.2"	
8x 5.5"/45 (49) Q1	9 (800)	9,000 yds	9.4" E	T 7.9"	

JAUREGUIBERRY	1897 (1)	18 kts (43)	393 DP	D	2.8"	6x17.7"* (65)
2x12.0"/45 H3 (195)	2 (200)	10,900 yds	11,900 ts	B	17.8"	3,920nm/10
2x10.8"/45 J4 (195)	2 (200)	10,900 yds	365 ft	C	9.0"	
8x 5.5"/45 Q1 (49)	9 (800)	9,000 yds	9.4" E	T	7.8"	
4x 2.6"/50 U1 (98)	22 (600)	6,500 yds				
MASSENA	1898 (1)	18 kts (43)	393 DP	D	3.5"	4x17.7"* (98)
2x12.0"/40 H4 (196)	2 (200)	13,100 yds	11,924 ts	B	17.8"	
2x10.8"/45 J4 (196)	2 (200)	13,100 yds	380 ft	C	13.8"	
8x 5.5"/45 Q1 (49)	9 (800)	9,000 yds	10.9" D	T	8.5"	
BOUVET	1898 (1)	18 kts (44)	403 DP	D	3.5"	2x17.7"* (201)
2x12.0"/45 H3 (201)	2 (200)	13,100 yds	12,205 ts	B	15.7"	4,000nm/10
2x10.8"/45 J4 (201)	2 (200)	13,100 yds	387 ft	C	12.6"	
8x 5.5"/45 Q1 (50)	9 (800)	9,000 yds	9.9" D	T	7.8"	
8x 3.9"/45 T3 (50)	14(1200)	6,500 yds				
CHARLEMAGNE	1899 (3)	18 kts (41)	373 DP	D	3.5"	2x17.7"* (186)
4x12.0"/40 H4 (93)	2 (320)	13,100 yds	11,300 ts	B	15.7"	3,200nm/10
10x 5.5"/45 Q1 (37)	9 (800)	9,000 yds	385 ft	C	12.0"	
8x 3.9"/45 T3 (46)	18 (1200)	6,500 yds	9.2" D	T	5.8"	
IÉNA	1901 (1)	18 kts (44)	399 DP	D	3.2"	2x17.7"* (199)
4x12.0"/40 H4 (99)	2 (320)	13,100 yds	12,100 ts	B	12.8"	
8x 6.5"/45 P3 (49)	5 (800)	9,800 yds	401 ft	C	11.8"	
8x 3.9"/45 T3 (49)	18 (1200)	6,500 yds	8.6" D	T	6.4"	
HENRI IV	1902 (1)	18 kts (32)	291 DP	D	3.0"	2x17.7"* (145)
2x10.8"/40 J4 (145)	2 (160)	13,100 yds	8,807 ts	B	11.0"	5,000nm/10
7x 5.5"/45 Q1 (41)	9 (560)	9,000 yds	354 ft	C	8.0"	
			7.1" D	T	6.4"	
SUFFREN	1903 (1)	18 kts (46)	421 DP	D	2.8"	4x17.7"* (105)
4x12.0"/40 H4 (105)	2 (320)	13,100 yds	12,750 ts	B	11.8"	5,100nm/10
10x 6.5"/45 P3 (42)	5 (1000)	11,800 yds	410 ft	C	10.8"	
8x 3.9"/45 T3 (52)	14 (800)	6,500 yds	8.0" C	T	6.4"	
REPUBLIQUE	1906 (2)	18 kts (54)	490 DP	D	2.4"	5x17.7"* (98)
4x12.0"/45 H3 (122)	2 (400)	13,700 yds	14,865 ts	B	11.0"	8,100nm/10
18x 6.5"/45 P3 (27)	5 (1440)	11,800 yds	439 ft	C	11.0"	
13x 2.6"/45 U2 (37)	22 (1300)	6,500 yds	7.8" C	T	6.8"	
VÉRITÉ	1907 (4)	18 kts (54)	492 DP	D	2.4"	4x17.7"* (123)
4x12.0"/45 H3 (123)	2 (400)	13,700 yds	14,900 ts	B	11.0"	8,400nm/10
10x 7.6"/50 N1 (49)	4 (800)	13,100 yds	439 ft	C	11.0"	
13x 2.6"/45 U2 (37)	22 (1300)	6,500 yds	7.8" C	T	6.4"	
DANTON	1911 (6)	20 kts (60)	607 DP	D	3.0"	2x17.7"* (303)
4x12.0"/45 H3 (151)	2 (400)	14,000 yds	18,400 ts	B	10.0"	3,370nm/10
12x 9.4"/45 L1 (50)	4 (1200)	14,000 yds	481 ft	C	11.8"	
16x 3.0"/65 T3 (37)	24 (8000)	6,500 yds	7.9" C	T	6.8"	
COURBET	1913 (4)	20 kts (76)	765 DP	D	4.7"	4x17.7"* (191)
12x12.0"/45 H3 (63)	2 (1200)	15,800 yds	23,189 ts	B	10.6"	4,200nm/10
22x 5.5"/55 Q1 (34)	18 (6050)	12,600 yds	541 ft	C	11.8"	
			8.7" C	T	7.7"	

BRETAGNE	1915 (3)	20 kts (77)	770 DP	D 4.7"	4x17.7"* (192)
10x13.4"/45 F1 (77)	2 (1000)	26,600 yds	23,320 ts	B 10.6"	4,700nm/10
22x 5.5"/55 Q1 (35)	18 (6050)	15,800 yds	541 ft	C 12.4"	
			9.3" C	T 9.3"	
DUNKERQUE	1937 (2)	30 kts (58)	875 DP	D 6.9"	(16x5.1"AA=61)
8x13.0"/50 G1 (109)	2 (1080)	45,600 yds	26,500 ts	B 8.9"	(8x37mmAA=18)
16x 5.1"/45 S3 (54)	22 (4800)	22,800 yds	700 ft	C 14.0"	AC: 2 C: 1 (32x13mmAA=32)
			9.8" A	T 9.4"	
RICHELIEU	1940 (2)	32 kts (72)	1155 DP	D 7.5"	(9x6.0"AA=40)
8x15.0"/45 D2 (144)	2 (960)	41,100 yds	35,000 ts	B 12.6"	(12x3.9"AA=26)
9x 6.0"/54 P1 (128)	8 (2250)	23,600 yds	813 ft	C 13.4"	(16x37mmAA=35)
12x 3.9"/45 T3 (96)	20 (8000)	17,300 yds	11.5" A	T 12.3"	(28x13mmAA=28)
<u>HEAVY & ARMORED CRUISERS</u>					
AMIRAL CHARNER	1895 (4)	18 kts (17)	155 DP	D 2.6"	
2x 7.6"/40 N2 (77)	4 (200)	9,800 yds	4,700 ts	B 3.5"	
6x 5.5"/45 Q1 (25)	7 (480)	9,000 yds	361 ft	C 3.6"	
			3.0" E	T 2.5"	
DUPUY DE LÔME	1893 (1)	20 kts (21)	211 DP	D 2.5"	2x17.7"* (105)
2x 7.6"/40 N2 (105)	4 (200)	9,800 yds	6,400 ts	B 4.8"	
6x 6.5"/40 P4 (35)	4 (600)	8,800 yds	374 ft	C 4.8"	
			3.7" F	T 2.5"	
POTHUAU	1896 (1)	20 kts (17)	177 DP	D 3.3"	
2x 7.6"/45 N2 (88)	4 (200)	10,400 yds	5,365 ts	B 2.4"	4,500nm/10
10x 5.5"/45 Q1 (17)	9 (800)	9,000 yds	371 ft	C 9.4"	
			4.8" E	T 4.0"	
JEANNE d'ARC	1903 (1)	22 kts (33)	372 DP	D 2.2"	2x17.7"* (186)
2x 7.6"/45 N2 (186)	4 (200)	13,100 yds	11,270 ts	B 5.9"	13,500nm/10
14x 5.5"/45 Q1 (26)	9 (1120)	9,000 yds	476 ft	C 5.9"	
			4.6" D	T 4.5"	
KLEBER	1903 (3)	22 kts (23)	254 DP	D 2.6"	2x17.7"* (127)
8x 6.5"/45 P3 (31)	5 (640)	10,900 yds	7,700 ts	B 4.0"	6,400nm/10
4x 3.9"/45 T3 (63)	14 (400)	6,500 yds	426 ft	C 5.9"	
			3.8" C	T 2.5"	
GUEYDON	1902 (3)	22 kts (28)	314 DP	D 2.0"	2x17.7"* (157)
2x 7.6"/45 N2 (157)	4 (200)	13,100 yds	9,500 ts	B 5.9"	10,000nm/10
8x 6.5"/45 P3 (39)	5 (1600)	11,800 yds	453 ft	C 6.3"	10 mines
4x 3.9"/45 T3 (78)	14 (1000)	6,500 yds	4.7" D	T 4.5"	
AMIRAL AUBE	1903 (4)	22 kts (31)	343 DP	D 2.5"	5x17.7"* (68)
2x 7.6"/45 N2 (171)	4 (200)	13,100 yds	10,400 ts	B 6.7"	12,000nm/10
8x 6.5"/45 P3 (42)	5 (1600)	11,800 yds	453 ft	C 8.0"	
6x 3.9"/45 T3 (57)	14 (1500)	6,500 yds	5.4" C	T 4.5"	
FRIANT	1895 (4)	20 kts (13)	132 DP	D 3.1"	2x17.7"* (66)
6x 6.5"/40 P4 (22)	4 (480)	8,800 yds	4,000 ts	T 1.2"	6,000nm/10
4x 3.9"/45 T3 (33)	14 (400)	6,500 yds	320 ft	1.6" D	
DAVOUT	1890 (2)	20 kts (10)	100 DP	D 3.2"	4x17.7"* (25)
6x 6.5"/30 P5 (16)	3 (480)	7,800 yds	3,027 ts	C 1.5"	
			289 ft	1.7" F	

D'ENTRECASTEAUX	1898 (1)	20 kts (26)	268 DP	D 3.3"	2x17.7"* (134)	
2x 9.4"/40 L2 (134)	2 (200)	12,200 yds	8,114 ts	C 9.8"	5,000nm/10	
12x 5.5"/45 Q1 (22)	9 (1200)	9,000 yds	393 ft	T 5.0"	4.8" D	
CHÂTEAURENAULT	1900 (1)	22 kts (24)	271 DP	D 3.9"		
2x 6.5"/45 P3 (135)	5 (200)	10,900 yds	8,200 ts	T 1.7"	7,500nm/12	
6x 5.5"/45 Q1 (45)	9 (600)	8,200 yds	443 ft	1.9" D		
JURIEN de la GRAVIERE	1901 (1)	22 kts (17)	188 DP	D 2.6"	2x17.7"* (94)	
8x 6.5"/45 P3 (23)	5 (640)	10,900 yds	5,700 ts	C 6.3"	6,150nm/10	
			440 ft	T 2.1"	3.0" D	
GUICHEN	1902 (1)	22 kts (24)	274 DP	D 3.9"	2x17.7"* (137)	
2x 6.5"/45 P3 (137)	5 (200)	10,900 yds	8,300 ts	C 6.3"	7,500nm/12	
6x 5.5"/45 Q1 (45)	9 (600)	8,200 yds	436 ft	T 1.5"	3.2" D	
DESCARTES	1896 (4)	18 kts (14)	132 DP	D 2.0"	2x17.7"* (66)	
4x 6.5"/45 P3 (33)	5 (320)	9,800 yds	4,000 ts	T 2.1"	6,000nm/10	
10x 3.9"/45 T3 (13)	14 (1000)	6,500 yds	320 ft	1.5" F		
LEON GAMBETTA	1903 (3)	22 kts (37)	414 DP	D 2.6"	4x17.7"* (103)	
4x 7.6"/45 N2 (103)	4 (400)	13,100 yds	12,550 ts	B 6.7"	12,000nm/10	
16x 6.5"/45 P3 (25)	5 (1280)	10,900 yds	476 ft	C 7.9"		
			5.4" C	T 4.5"		
JULES MICHELET	1908 (1)	22 kts (37)	416 DP	D 3.9"	4x17.7"* (104)	
4x 7.6"/45 N2 (104)	4 (400)	13,100 yds	12,600 ts	B 6.7"	12,000nm/10	
12x 6.5"/45 P3 (34)	5 (960)	10,900 yds	485 ft	C 7.9"		
			5.8" C	T 4.5"		
ERNEST RENAN	1908 (1)	22 kts (40)	450 DP	D 3.9"	2x17.7"* (225)	
4x 7.6"/45 N2 (112)	4 (400)	13,100 yds	13,644 ts	B 6.7"	10,000nm/10	
12x 6.5"/45 P3 (37)	5 (960)	10,900 yds	515 ft	C 7.9"		
16x 2.6"/45 U2 (28)	22 (1600)	6,500 yds	5.4" C	T 3.0"		
WALDECK ROUSSEAU	1910 (2)	24 kts (38)	462 DP	D 3.9"	2x17.7"* (231)	
14x 7.6"/50 N1 (33)	4 (1120)	15,300 yds	14,000 ts	B 6.7"	10,000nm/10	
18x 2.6"/45 U2 (25)	22 (1800)	6,500 yds	516 ft	C 7.9"		
			5.5" C	T 3.5"		
DUQUESNE	1928 (2)	34 kts (19)	330 DP	C 3.3"	6x21.6" (55)	(8x3.0"AA=16)
8x 8.0"/50 M3 (41)	8 (1280)	33,900 yds	10,000 ts		5,000nm/15	(8x37mmAA=6)
8x 3.0"/50 U1 (41)	16 (2000)	15,300 yds	623 ft	1.6" B	AC: 1 C: 1	(12x13mmAA=12)
ALGERIE	1934 (1)	30 kts (22)	330 DP	D 3.0"	6x21.6" (55)	(12x3.9"AA=31)
8x 8.0"/50 M3 (41)	8 (1280)	33,900 yds	10,000 ts	B 4.3"	5,500nm/15	(8x37mmAA=14)
12x 3.9"/45 T3 (27)	20 (5400)	17,300 yds	607 ft	2.3" A	AC: 2 C: 2	(16x13mmAA=16)
SUFFREN	1930 (1)	32 kts (20)	330 DP	B 2.4"	6x21.6" (55)	(8x3.0"AA=16)
8x 8.0"/50 M3 (41)	8 (1280)	33,900 yds	10,000 ts		5,000nm/15	(8x37mmAA=6)
8x 3.0"/50 U1 (41)	16 (2000)	15,300 yds	637 ft	1.4" B	AC: 2 C: 1	(12x13mmAA=12)
COLBERT	1930 (3)	32 kts (20)	330 DP	B 2.4"	6x21.6" (55)	(8x3.5"AA=14)
8x 8.0"/50 M3 (41)	8 (1280)	33,900 yds	10,000 ts		5,000nm/15	(8x37mmAA=6)
8x 3.5"/50 U1 (41)	14 (3600)	17,100 yds	637 ft	1.4" B	AC: 2 C: 2	(12x13mmAA=12)

LIGHT CRUISERS

SURCOUF	1890 (3)	20 kts (6)	61 DP	D 1.6"	5x17.7"* (12)	
4x 5.5"/45 Q1 (15)	7 (320)	9,000 yds	1,850 ts		1,800nm/18	
9x 1.9"/50 X1 (6)	40 (900)	3,500 yds	311 ft	1.2" F		
D'ESTRÉES	1899 (1)	20 kts (8)	81 DP	D 1.6"		
2x 5.5"/45 Q1 (40)	9 (200)	9,000 yds	2,450 ts		5,700nm/10	
4x 3.9"/45 T3 (20)	18 (400)	6,500 yds	312 ft	1.2" E		
8x 1.9"/50 X1 (10)	40 (800)	3,500 yds				
LAVOISIER	1895 (3)	20 kts (7)	76 DP	D 1.6"	2x17.7" (38)	
4x 5.5"/45 Q1 (19)	9 (320)	9,000 yds	2,300 ts	C 4.0"	3,000nm/10	
2x 3.9"/45 T3 (38)	18 (200)	6,500 yds	321 ft	T 2.1"		
10x 1.9"/50 X1 (7)	40 (1000)	3,500 yds	2.2" D			
DUGUAY TROUIN	1926 (3)	32 kts (14)	239 DP		12x21.6" (19)	(4x3.0"AA= 8)
8x 6.1"/50 P2 (29)	8 (1600)	23,600 yds	7,249 ts		3,000nm/20	(4x13mmAA= 4)
4x 3.0"/50 U1 (59)	16 (1000)	15,300 yds	594 ft	1.0" B	AC: 1 C: 1	
PLUTON	1931 (1)	30 kts (10)	158 DP			(4x3.0"AA= 8)
4x 5.4"/40 S4 (39)	24 (1000)	18,200 yds	4,773 ts			(2x37mmAA= 2)
4x 3.0"/50 U1 (39)	16 (1000)	15,300 yds	499 ft	1.0" B	280 mines	(12x13mmAA=12)
JEANNE D'ARC	1931 (1)	26 kts (16)	214 DP	D 3.0"	2x21.6" (107)	(4x3.0"AA= 8)
8x 6.1"/50 P2 (26)	8 (1800)	23,600 yds	6,496 ts	C 2.6"	5,000nm/14	(4x37mmAA= 3)
4x 3.0"/50 U1 (53)	16 (1000)	15,300 yds	558 ft	1.9" B	AC: 1 C: 0	(12x13mmAA=12)
EMIL BERTIN	1934 (1)	36 kts (10)	194 DP	D 2.0"	6x21.6" (32)	(4x3.5"AA= 7)
9x 6.0"/54 P1 (21)	8 (1800)	23,500 yds	5,886 ts		6,000nm/15	(8x37mmAA=14)
4x 3.5"/50 U1 (48)	14 (1800)	17,100 yds	581 ft	1.3" A	AC: 2 C: 1	(8x13mmAA= 8)
LA GALISSONNIERE	1935 (6)	34 kts (14)	250 DP	D 2.0"	4x21.6" (62)	(8x3.5"AA=14)
9x 6.0"/54 P1 (27)	8 (1800)	23,500 yds	7,600 ts	B 4.7"	4,850nm/18	(8x13mmAA= 8)
8x 3.5"/50 U1 (31)	14 (3600)	17,100 yds	586 ft	C 2.8"	AC: 2 C: 1	
			3.3" A	T 3.5"		

DESTROYERS

DURANDAL	1899 (30)	24 kts (2)	25 DP	187 ft	2x15.0" (12)	
2x 2.6"/50 U2 (12)	20 (100)	5,400 yds	320 ts		2,300nm/10	
6x 1.9"/50 X1 (4)	40 (600)	3,500 yds				
CLAYMORE	1905 (23)	28 kts (2)	25 DP	190 ft	2x17.7" (12)	
2x 2.6"/50 U2 (12)	20 (100)	5,400 yds	360 ts		2,300nm/10	
6x 1.9"/50 X1 (4)	40 (600)	3,500 yds				
SPAHI	1910 (13)	28 kts (2)	25 DP	213 ft	3x17.7" (8)	
6x 2.6"/45 U2 (8)	22 (300)	6,500 yds	530 ts		1,200nm/10	
BOUCLIER	1911 (21)	30 kts (2)	29 DP	250 ft	4x17.7" (7)	
2x 3.9"/45 T3 (14)	18 (200)	6,500 yds	880 ts		1,400nm/10	
4x 2.6"/45 U2 (7)	22 (400)	6,500 yds				
ADVENTURIER	1914 (4)	32 kts (2)	33 DP	282 ft	6x18.0" (5)	
4x 4.0"/40 T4 (8)	18 (400)	8,000 yds	1,000 ts		1,850nm/10	
ARABE	1917 (12)	30 kts (2)	25 DP	259 ft	4x17.7" (8)	
1x 4.7"/45 S3 (13)	16 (200)	12,000 yds	685 ts		2,000nm/12	
4x 3.0"/45 U2 (8)	20 (600)	6,500 yds				

CHACAL	1926 (6)	36 kts (3)	70 DP	413 ft	6x21.6" (11)	(2x3.0"AA= 4)
5x 5.1"/40 S4 (14)	9 (750)	20,500 yds	2,125 ts	20 DC	1,000nm/28	
2x 3.0"/50 U1 (35)	16 (300)	15,300 yds				
BOURRASQUE	1926 (12)	32 kts (2)	43 DP	344 ft	6x21.6" (7)	(1x3.0"AA= 2)
4x 5.1"/40 S4 (10)	8 (400)	20,200 yds	1,319 ts	20 DC	1,500nm/15	
1x 3.0"/50 U1 (22)	16 (150)	15,300 yds				
L'ADROIT	1928 (14)	32 kts (3)	45 DP	350 ft	6x21.6" (7)	(1x3.0"AA= 2)
4x 5.1"/40 S4 (11)	9 (400)	20,500 yds	1,378 ts	20 DC	1,500nm/15	
1x 3.0"/50 U1 (23)	16 (150)	15,300 yds				
GUEPARD/AIGLE	1929 (12)	36 kts (4)	80 DP	426 ft	6x21.6" (13)	(4x37mmAA= 3)
5x 5.4"/40 S4 (16)	11 (750)	19,700 yds	2,436 ts	20 DC	2,800nm/14	(4x13mmAA= 4)
VAUQUELIN	1932 (6)	38 kts (4)	80 DP	432 ft	7x21.6" (11)	(4x37mmAA= 3)
5x 5.4"/40 S4 (16)	11 (750)	19,700 yds	2,440 ts	20 DC	2,500nm/14	(4x13mmAA= 4)
					50 mines	
LE FANTASQUE	1935 (6)	40 kts (4)	85 DP	433 ft	9x21.6" (9)	(4x37mmAA= 7)
5x 5.4"/50 S2 (17)	24 (1250)	21,900 yds	2,569 ts	20 DC	3,000nm/14	(4x13mmAA= 4)
MOGADOR	1938 (6)	42 kts (4)	95 DP	449 ft	10x21.6" (9)	(6x37mmAA=10)
8x 5.4"/50 S2 (11)	12 (2000)	21,900 yds	2,884 ts	20 DC	3,000nm/20	(4x13mmAA= 4)
LE HARDI	1940 (12)	36 kts (3)	58 DP	384 ft	7x21.6" (8)	(2x37mmAA= 3)
6x 5.1"/45 S3 (9)	29 (1350)	20,600 yds	1,772 ts	10 DC	2,710nm/20	(4x13mmAA= 4)

AIRCRAFT CARRIERS

BEARN	1927 (1)	22 kts (66)	731 DP	D 2.0"	4x21.6" (182)	(6x3.0"AA=12)
8x 6.1"/50 P2 (91)	8 (1800)	23,600 yds	22,146 ts	B 3.1"	4,500nm/18	(8x37mmAA= 6)
6x 3.0"/50 U1 (121)	16 (1200)	15,300 yds	597 ft	1.8" B	AC: 40	
COMMANDANT TESTE	1932 (1)	20 kts (33)	330 DP	D 1.2"		(12x3.9"AA=28)
12x 3.9"/45 T3 (27)	16 (5400)	18,400 yds	10,000 ts	1.0" A	6,000nm/10	(8x37mmAA= 6)
			548 ft		AC: 26 C: 4	(12x13mmAA=12)

GERMANYBATTLESHIPS & BATTLECRUISERS

SIEGFRIED	1890 (8)	14 kt (19)	134 DP	D 1.3"	4x17.7"* (34)	
3x 9.4"/35 L3 (45)	2 (240)	9,500 yds	4,058 ts	B 9.5"	3,980nm/10	
10x 3.4"/30 U3 (13)	18 (4400)	4,500 yds	240 ft	C 7.0"		
			5.8" E	T 5.5"		
WORTH	1893 (4)	16 kt (41)	332 DP	D 3.0"	3x17.7"* (110)	
6x11.0"/40 J4 (55)	1 (480)	14,000 yds	10,060 ts	B 15.8"	4,500nm/10	
8x 4.1"/35 T4 (41)	14 (1600)	6,500 yds	340 ft	C 11.8"		
8x 3.4"/30 U3 (41)	18 (3520)	4,500 yds	8.9" E	T 5.0"		
KAISER FRIEDRICH III	1898 (5)	18 kt (39)	356 DP	D 3.0"	6x17.7"* (59)	
4x 9.4"/40 L2 (89)	4 (320)	17,000 yds	10,790 ts	B 12.0"	4,500nm/10	
18x 5.9"/40 P4 (19)	12 (3240)	9,000 yds	384 ft	C 10.0"		
12x 3.4"/35 U3 (29)	18 (5280)	5,000 yds	7.5" C	T 5.0"		

WITTELSBACH	1902 (5)	18 kt (43)	389 DP	D	3.0"	5x17.7"* (77)
4x 9.4"/40 L2 (97)	4 (320)	17,000 yds	11,800 ts	B	9.0"	5,000nm/10
18x 5.9"/40 P4 (21)	12 (3240)	9,000 yds	400 ft	C	10.0"	
12x 3.4"/35 U3 (32)	18 (5280)	5,000 yds	6.8" C	T	5.0"	
BRAUNSCHWEIG	1904 (5)	18 kt (48)	436 DP	D	3.0"	6x17.7"* (72)
4x11.0"/40 J4 (109)	3 (480)	20,600 yds	13,200 ts	B	8.8"	5,500nm/10
14x 6.7"/40 P3 (31)	10 (2520)	11,000 yds	398 ft	C	12.0"	
14x 3.4"/35 U3 (31)	18 (6160)	5,000 yds	7.2" C	T	5.0"	
DEUTSCHLAND	1906 (5)	18 kts (48)	436 DP	D	3.0"	6x17.7"* (72)
4x11.0"/40 J4 (109)	3 (480)	20,600 yds	13,200 ts	B	9.0"	5,500nm/10
14x 6.7"/40 P3 (31)	10 (2520)	11,000 yds	398 ft	C	12.0"	
20x 3.4"/35 U3 (21)	18 (8800)	5,000 yds	7.6" C	T	6.5"	
NASSAU	1909 (4)	20 kts (62)	624 DP	D	4.0"	6x17.7"* (104)
12x11.0"/45 J3 (52)	3 (1440)	22,800 yds	18,900 ts	B	11.5"	9,400nm/10
12x 5.9"/45 P3 (52)	14 (2160)	14,700 yds	478 ft	C	12.0"	
16x 3.4"/35 U3 (39)	18 (7040)	5,000 yds	8.7" C	T	7.3"	
VON DER TANN	1910 (1)	24 kts (53)	640 DP	D	2.5"	4x17.7"* (160)
8x11.0"/45 J3 (80)	3 (696)	22,800 yds	19,400 ts	B	9.5"	6,500nm/10
10x 5.9"/45 P3 (64)	14 (1920)	14,700 yds	562 ft	C	9.5"	
16x 3.4"/35 U3 (40)	18 (7040)	5,000 yds	7.0" C	T	6.3"	
HELGOLAND	1911 (4)	20 kts (75)	752 DP	D	3.0"	6x20.0"* (125)
12x12.0"/50 H2 (62)	2 (1020)	21,000 yds	22,800 ts	B	11.8"	9,400nm/10
14x 5.9"/45 P3 (53)	14 (2100)	14,700 yds	546 ft	C	12.0"	
14x 3.4"/35 U3 (53)	18 (6160)	5,000 yds	8.6" C	T	7.5"	
MOLTKE	1911 (2)	26 kts (57)	746 DP	D	2.5"	4x20.0"* (186)
10x11.0"/50 J2 (74)	3 (870)	19,700 yds	22,616 ts	B	10.6"	6,500nm/10
12x 5.9"/45 P3 (62)	14 (1920)	14,700 yds	610 ft	C	10.0"	
12x 3.4"/35 U3 (62)	18 (5280)	5,000 yds	7.4" C	T	6.3"	
KAISER	1912 (5)	20 kts (80)	805 DP	D	3.0"	5x20.0"* (161)
10x12.0"/50 H2 (80)	2 (850)	21,000 yds	24,380 ts	B	13.6"	9,500nm/10
14x 5.9"/45 P3 (57)	14 (2100)	14,700 yds	564 ft	C	13.8"	
12x 3.4"/35 U3 (67)	18 (5280)	5,000 yds	9.6" C	T	8.0"	
SEYDLITZ	1913 (1)	26 kts (62)	812 DP	D	2.5"	4x20.0"* (203)
10x11.0"/50 J2 (81)	3 (870)	19,700 yds	24,610 ts	B	11.8"	6,500nm/10
12x 5.9"/45 P3 (67)	14 (1920)	14,700 yds	656 ft	C	10.0"	
14x 3.4"/35 U3 (58)	18 (6160)	5,000 yds	7.6" C	T	6.3"	
KÖNIG	1914 (4)	22 kts (76)	838 DP	D	4.5"	5x20.0"* (167)
10x12.0"/50 H2 (83)	2 (870)	21,000 yds	25,390 ts	B	13.8"	10,000nm/10
14x 5.9"/45 P3 (59)	14 (2100)	14,700 yds	580 ft	C	13.8"	
6x 3.4"/35 U3 (139)	18 (2640)	5,000 yds	10.0" C	T	8.1"	
DERFFLINGER	1914 (3)	26 kts (66)	868 DP	D	2.5"	4x20.0"* (217) (8x3.4"AA=17)
8x12.0"/50 H2 (108)	2 (696)	21,000 yds	26,318 ts	B	11.8"	9,000nm/10
14x 5.9"/45 P3 (62)	14 (2100)	14,700 yds	689 ft	C	11.0"	
8x 3.4"/45 U2 (108)	20 (5120)	12,500 yds	8.0" C	T	6.9"	
BAYERN	1916 (4)	22 kts (84)	924 DP	D	4.8"	5x23.6"* (184) (8x3.4"AA=17)
8x15.0"/45 D2 (115)	4 (696)	22,200 yds	28,000 ts	B	13.8"	9,000nm/10
16x 5.9"/45 P3 (57)	14 (2400)	14,700 yds	560 ft	C	13.8"	
8x 3.4"/45 U2 (115)	20 (5120)	12,500 yds	10.3" C	T	8.8"	

DEUTSCHLAND(LUTZOW)	1933 (1)	26 kts (29)	386 DP	D 3.0"	8x21.0" (48)	(6x4.1"AA=19)
6x11.0"/55 J1 (64)	5 (600)	40,500 yds	11,700 ts	B 3.2"	10,000nm/18	(8x37mmAA= 8)
8x 5.9"/55 P1 (48)	18 (1200)	24,000 yds	593 ft	C 5.9"	AC: 2 C: 1	(10x20mmAA=15)
6x 4.1"/65 T1 (64)	30 (3200)	16,500 yds	4.1" B	T 4.4"		
ADMIRAL GRAF SPEE	1934 (2)	26 kts (30)	399 DP	D 3.0"	8x21.0" (49)	(6x4.1"AA=19)
6x11.0"/55 J1 (66)	5 (630)	40,500 yds	12,100 ts	B 4.0"	9,000nm/18	(8x37mmAA= 8)
8x 5.9"/55 P1 (49)	18 (1200)	24,000 yds	597 ft	C 5.9"	AC: 2 C: 1	(10x20mmAA=15)
6x 4.1"/65 T1 (66)	30 (3200)	16,500 yds	4.3" B	T 4.4"		
SCHARNHORST	1938 (2)	32 kts (65)	1049 DP	D 2.8"	6x21.0" (174)	(14x4.1"AA=45)
9x11.0"/55 J1 (116)	5 (945)	45,800 yds	31,800 ts	B 9.8"	10,000nm/18	(16x37mmAA=16)
12x 5.9"/55 P1 (87)	18 (1800)	24,000 yds	741 ft	C 9.8"	AC: 2 C: 2	(8x20mmAA=12)
14x 4.1"/65 T1 (74)	30 (5600)	16,500 yds	7.6" A	T 7.8"		
BISMARCK	1940 (2)	30 kts (92)	1386 DP	D 6.7"	8x21.0" (173)	(16x4.1"AA=51)
8x15.0"/47 D1 (173)	6 (960)	39,600 yds	42,000 ts	B 12.6"	9,000nm/18	(16x37mmAA=16)
12x 5.9"/55 P1 (115)	18 (1800)	24,000 yds	794 ft	C 13.8"	AC: 6 C: 1	(36x20mmAA=54)
16x 4.1"/65 T1 (86)	30 (6720)	16,500 yds	11.0" A	T 10.7"		

HEAVY & ARMORED CRUISERS

KAISERIN AUGUSTA	1892 (1)	20 kts (20)	208 DP	D 3.5"	5x17.7"* (41)	
12x 5.9"/35 P5 (17)	12 (720)	8,000 yds	6,300 ts	B 1.2"	4,000nm/10	
8x 3.4"/30 U3 (26)	18 (1200)	4,500 yds	338 ft	1.7" E		
HERTHA	1898 (5)	18 kts (21)	194 DP	D 4.0"	3x17.7"* (64)	
2x 8.2"/40 M5 (97)	6 (200)	16,000 yds	5,880 ts	B 1.2"		
8x 5.9"/40 P4 (24)	12 (480)	9,000 yds	363 ft	C 8.0"		
10x 3.4"/35 U3 (19)	18 (2200)	4,000 yds	3.9" C	T 2.5"		
FURST BISMARCK	1900 (1)	18 kts (39)	353 DP	D 2.0"	6x17.7"* (58)	
4x 9.4"/40 L2 (88)	4 (320)	17,000 yds	10,700 ts	B 8.0"		
12x 5.9"/40 P4 (29)	12 (960)	9,000 yds	399 ft	C 8.0"		
10x 3.4"/35 U3 (35)	18 (2200)	4,000 yds	5.6" C	T 4.5"		
PRINZ HEINRICH	1902 (1)	20 kts (29)	295 DP	D 2.0"	4x17.7"* (73)	
2x 9.4"/40 L2 (147)	4 (320)	17,000 yds	8,930 ts	B 4.0"	1,875nm/20	
10x 5.9"/40 P4 (29)	12 (800)	9,000 yds	394 ft	C 6.0"		
12x 3.4"/35 U3 (35)	18 (2640)	4,000 yds	3.9" C	T 3.5"		
PRINZ ADALBERT	1903 (2)	20 kts (29)	299 DP	D 2.0"	4x17.7"* (74)	
4x 8.2"/40 M5 (74)	6 (480)	16,000 yds	9,050 ts	B 4.0"		
10x 5.9"/40 P4 (29)	12 (800)	9,000 yds	394 ft	C 6.0"		
10x 3.4"/35 U3 (29)	18 (2200)	4,000 yds	3.9" C	T 3.5"		
ROON	1905 (2)	22 kts (28)	308 DP	D 2.8"	4x17.7"* (77)	
4x 8.2"/40 M5 (77)	6 (480)	16,000 yds	9,350 ts	B 4.0"		
10x 5.9"/40 P4 (30)	12 (1700)	9,000 yds	403 ft	C 6.0"		
14x 3.4"/35 U3 (22)	18 (3080)	4,000 yds	4.1" C	T 3.5"		
SCHARNHORST	1907 (2)	22 kts (34)	383 DP	D 2.0"	4x17.7"* (95)	
8x 8.2"/40 M5 (47)	6 (784)	16,000 yds	11,600 ts	B 6.0"		
6x 5.9"/40 P4 (63)	12 (1020)	9,000 yds	474 ft	C 7.8"		
20x 3.4"/35 U3 (19)	18 (3000)	4,000 yds	4.9" C	T 3.9"		
BLUCHER	1909 (1)	26 kts (39)	512 DP	D 2.8"	3x17.7"* (170)	
12x 8.2"/45 M4 (42)	6 (1020)	19,500 yds	15,500 ts	B 6.0"		
8x 5.9"/45 P3 (64)	14 (1320)	14,700 yds	530 ft	C 7.8"		
16x 3.4"/45 U2 (32)	20 (3200)	12,500 yds	5.0" C	T 3.5"		

ADMIRAL HIPPER	1939 (2)	32 kts (25)	413 DP	D 3.2"	12x21.0" (34)	(12x4.1"AA=38)
8x 8.0"/60 M1 (51)	6 (960)	39,500 yds	12,500 ts	B 3.2"	6,800nm/18	(12x37mmAA=12)
12x 4.1"/65 T1 (34)	30 (4800)	16,500 yds	640 ft	C 5.9"	AC: 3 C: 1	(4x20mmAA= 6)
			3.9" A	T 3.4"		
PRINZ EUGEN	1940 (3)	32 kts (26)	421 DP	D 3.2"	12x21.0" (35)	(12x4.1"AA=38)
8x 8.0"/60 M1 (52)	6 (960)	39,500 yds	12,750 ts	B 3.2"	5,500nm/18	(12x37mmAA=12)
12x 4.1"/65 T1 (35)	30 (4800)	16,500 yds	654 ft	C 5.9"	AC: 3 C: 1	(8x20mmAA=12)
			3.9" A	T 3.4"		
<u>LIGHT CRUISERS</u>						
GEFION	1894 (1)	20 kts (12)	124 DP	D 1.2"	2x17.7"* (62)	
10x 4.1"/35 T4 (12)	14 (800)	6,500 yds	3,770 ts	B 1.2"		
			362 ft	1.1" E		
HELA	1896 (1)	20 kts (6)	67 DP	C 1.2"	3x17.7"* (22)	
4x 3.4"/30 U3 (16)	18 (600)	4,500 yds	2,040 ts	1.0" E		
			344 ft			
GAZELLE	1899 (7)	22 kts (7)	87 DP	D 2.0"	2x17.7"* (43)	
10x 4.1"/40 T4 (8)	15 (1200)	10,000 yds	2,645 ts	C 3.0"		
			328 ft	1.8" C		
FRAUENLOB	1902 (3)	22 kts (8)	90 DP	D 2.0"	2x17.7"* (45)	
10x 4.1"/40 T4 (9)	15 (1200)	10,000 yds	2,715 ts	C 4.0"		
			328 ft	2.0" C		
BREMEN/LEIPZIG	1904 (7+2)	24 kts (8)	107 DP	D 2.0"	2x17.7"* (53)	
10x 4.1"/40 T4	15 (1200)	10,000 yds	3,250 ts	B 1.5"		
			341 ft	C 4.0"	2.1" C	
KONIGSBERG	1907 (1)	24 kts (9)	112 DP	D 2.0"	2x17.7"* (56)	
10x 4.1"/40 T4 (11)	15 (1500)	11,500 yds	3,400 ts	B 2.0"		
			378 ft	C 4.0"	2.2" C	
STETTIN	1908 (3)	24 kts (9)	117 DP	D 2.0"	2x17.7"* (58)	
10x 4.1"/40 T4 (11)	15 (1500)	11,500 yds	3,550 ts	B 2.0"		
			385 ft	C 4.0"	2.2" C	
EMDEN	1908 (2)	24 kts (10)	120 DP	D 2.0"	2x17.7"* (60)	
10x 4.1"/45 T3 (12)	18 (1500)	13,500 yds	3,650 ts	B 2.6"		
			388 ft	C 4.0"	2.4" C	
KOLBERG	1909 (4)	26 kts (11)	144 DP	D 2.0"	2x17.7"* (72)	
12x 4.1"/45 T3 (12)	18 (1800)	13,500 yds	4,350 ts	B 2.6"		
			428 ft	C 4.0"	2.4" C	
BRESLAU	1912 (4)	28 kts (10)	150 DP	D 2.0"	4x20.0"* (37)	
12x 4.1"/45 T3 (12)	18 (1800)	13,500 yds	4,550 ts	B 3.5"		
			455 ft	C 4.0"	2.6" C	
KARLSRUHE	1913 (4)	28 kts (11)	163 DP	D 2.0"	4x20.0"* (40)	
12x 4.1"/45 T3 (13)	18 (1800)	13,500 yds	4,950 ts	B 4.0"		
			468 ft	C 4.0"	2.8" C	
FRANKFURT	1915 (2)	28 kts (12)	172 DP	D 1.5"	4x20.0"* (43)	(2x3.4"AA= 4)
8x 5.9"/45 P3 (21)	12 (1020)	18,000 yds	5,200 ts	B 6.0"		
2x 3.4"/45 U2 (86)	20 (800)	12,500 yds	476 ft	C 4.0"	3.1" C	

ELBING	1915 (2)	28 kts (10)	144 DP	D 3.0"	2x20.0"* (72)	(2x3.4"AA= 4)
8x 5.9"/45 P3 (18)	12 (1020)	18,000 yds	4,350 ts	B 4.0"		
2x 3.4"/45 U2 (72)	20 (800)	12,500 yds	444 ft	C 4.0"	3.0" C	
BREMSE	1916 (2)	34 kts (7)	132 DP	D 1.2"	4x20.0"* (33)	(2x3.4"AA= 4)
4x 5.9"/45 P3 (33)	12 (520)	18,000 yds	4,000 ts	B 1.5"	360 mines	
2x 3.4"/45 U2 (66)	20 (800)	12,500 yds	460 ft	C 3.0"	1.7" C	
KONIGSBERG 2	1916 (4)	28 kts (13)	182 DP	D 2.0"	4x20.0"* (45)	(2x3.4"AA= 4)
8x 5.9"/45 P3 (22)	12 (1020)	18,000 yds	5,500 ts	B 2.5"	120 mines	
2x 3.4"/45 U2 (91)	20 (800)	12,500 yds	497 ft	C 3.0"	2.1" C	
EMDEN	1926 (1)	28 kts (13)	185 DP	D 1.5"	4x21.0" (46)	(3x3.4"AA= 6)
8x 5.9"/45 P3 (23)	12 (960)	18,750 yds	5,600 ts	B 2.0"	5,300nm/18	(4x37mmAA= 4)
3x 3.4"/45 U2 (61)	20 (1200)	12,500 yds	493 ft	C 3.0"	120 mines	
			1.9" B			
KONIGSBERG	1929 (3)	32 kts (13)	219 DP	D 1.5"	12x21.0" (18)	(6x3.5"AA=14)
9x 5.9"/60 P1 (24)	12 (1080)	26,800 yds	6,650 ts	B 2.0"	5,200nm/18	(8x37mmAA= 8)
6x 3.5"/76 T3 (36)	30 (2400)	19,250 yds	554 ft	C 3.0"	AC: 2 C: 1	(4x20mmAA= 6)
			1.9" A	T 1.2"		
LEIPZIG	1930 (1)	32 kts (14)	221 DP	B 2.0"	12x21.0" (18)	(6x3.5"AA=14)
9x 5.9"/60 P1 (24)	12 (1080)	26,800 yds	6,710 ts	C 2.0"	5,700nm/18	(8x37mmAA= 8)
6x 3.5"/76 T3 (36)	30 (2400)	19,250 yds	563 ft	T 1.2"	AC: 2 C: 1	(10x20mmAA=15)
			1.6" A			
NURNBERG	1935 (1)	32 kts (14)	230 DP	B 2.0"	12x21.0" (19)	(8x3.5"AA=19)
9x 5.9"/60 P1 (25)	12 (1080)	26,800 yds	6,980 ts	C 3.0"	5,700nm/18	(8x37mmAA= 8)
8x 3.5"/76 T3 (28)	30 (3200)	19,250 yds	568 ft	T 1.2"	AC: 2 C: 1	(4x20mmAA= 6)
			1.8" A			

DESTROYERS

S90 Class	1900 (24)	28 kts (1)	25 DP	207 ft	3x17.7" (8)
3x 1.9"/40 X1 (8)	40 (300)	3,500 yds	380 ts		
G108 Class	1902 (12)	28 kts (1)	25 DP	216 ft	3x17.7" (8)
3x 1.9"/40 X1 (8)	40 (300)	3,500 yds	400 ts		
S126 Class	1905 (11)	28 kts (1)	25 DP	214 ft	3x17.7" (8)
4x 1.9"/40 X1 (6)	40 (400)	3,500 yds	460 ts		
S138 Class	1907 (12)	30 kts (1)	25 DP	232 ft	3x17.7" (8)
1x 3.4"/35 U3 (13)	18 (120)	5,000 yds	650 ts		
V150 Class	1908 (12)	30 kts (1)	25 DP	238 ft	3x17.7" (8)
2x 3.4"/35 U3 (13)	18 (160)	5,000 yds	650 ts		
V162 Class	1909 (3)	34 kts (1)	25 DP	242 ft	3x17.7" (8)
2x 3.4"/35 U3 (13)	18 (160)	5,000 yds	690 ts		
S165 Class	1911 (9)	32 kts (1)	25 DP	244 ft	4x17.7" (6)
2x 3.4"/35 U3 (13)	18 (160)	5,000 yds	750 ts		
S176 Class	1911 (22)	34 kts (1)		244 ft	4x20.0" (6)
2x 3.4"/35 U3 (13)	18 (160)	5,000 yds	760 ts		

V1 Class	1912 (24)	32 kts (1)	25 DP	235 ft	4x20.0" (6)	
2x 3.4"/45 U3 (13)	20 (160)	12,500 yds	680 ts		18 mines	
V25 Class	1914 (28)	36 kts (1)	30 DP	261 ft	6x20.0" (5)	
3x 3.4"/45 U3 (10)	20 (300)	12,500 yds	900 ts		24 mines	
S53 Class	1915 (32)	36 kts (2)	36 DP	273 ft	6x20.0" (6)	
3x 4.1"/45 T3 (12)	18 (300)	13,500 yds	1,100 ts		24 mines	
B97 Class	1915 (4)	36 kts (3)	56 DP	321 ft	6x20.0" (9)	
4x 4.1"/45 T3 (14)	18 (360)	13,500 yds	1,700 ts		24 mines	
G101 Class	1915 (8)	34 kts (3)	53 DP	312 ft	6x20.0" (8)	
4x 4.1"/45 T3 (13)	18 (360)	13,500 yds	1,600 ts		24 mines	
V125 Class	1917 (18)	36 kts (2)	36 DP	269 ft	6x20.0" (6)	
3x 4.1"/45 T3 (12)	18 (300)	13,500 yds	1,100 ts		40 mines	
Z1 to Z16 Class	1937 (16)	38 kts (3)	74 DP	374 ft	8x21.0" (9)	(4x37mmAA= 4)
5x 5.0"/45 S3 (14)	24 (600)	18,500 yds	2,232 ts		60 mines	4,400nm/18
Z17 to Z22 Class	1939 (6)	38 kts (4)	80 DP	394 ft	8x21.0" (10)	(4x37mmAA= 4)
5x 5.0"/45 S3 (16)	24 (600)	18,500 yds	2,411 ts		60 mines	4,850nm/18
Z23 to Z34 Class	1940 (12)	38 kts (4)	86 DP	400 ft	8x21.0" (10)	(6x37mmAA= 6)
4x 5.9"/48 P2 (21)	14 (480)	24,500 yds	2,603 ts		60 mines	(8x20mmAA=12)
		All except Z28 had 5x5.9" from late 1942 on.				5,000nm/18
Z35 to Z36 Class	1943 (2)	38 kts (4)	83 DP	400 ft	8x21.0" (10)	(6x37mmAA= 9)
5x 5.0"/45 S3 (16)	24 (600)	18,500 yds	2,527 ts		76 mines	(13x20mmAA=20)
						5,900nm/18

GREAT BRITAIN

BATTLESHIPS & BATTLECRUISERS

BARFLEUR	1893 (2)	16 kts (43)	347 DP	D 2.5"	3x18.0"* (115)
4x10.0"/32 K3 (86)	1 (320)	10,800 yds	10,500 ts	B 12.0"	6,500nm/10
10x 6.0"/40 P4 (34)	12 (1800)	9,700 yds	360 ft	C 12.0"	
8x 2.2"/40 X1 (43)	40 (2400)	5,000 yds	8.1" F	T 6.0"	
TRAFALGAR	1890 (2)	16 kts (49)	394 DP	D 3.0"	4x14.0"* (98)
4x13.5"/30 F2 (98)	1 (320)	13,500 yds	11,940 ts	B 20.0"	6,500nm/10
6x 6.0"/40 P4 (65)	12 (1080)	9,700 yds	345 ft	C 14.0"	
8x 2.2"/40 X1 (49)	40 (2400)	5,000 yds	11.5" F	T 9.0"	
HOOD	1893 (1)	16 kts (58)	469 DP	D 3.0"	3x18.0"* (156)
4x13.5"/30 F2 (117)	1 (320)	13,500 yds	14,200 ts	B 18.0"	
10x 6.0"/40 P4 (46)	12 (1800)	9,700 yds	380 ft	C 14.0"	
10x 2.2"/40 X1 (46)	40 (3000)	5,000 yds	11.0" F	T 9.0"	
ROYAL SOVEREIGN	1892 (7)	16 kts (58)	465 DP	D 3.0"	3x18.0"* (155)
4x13.5"/30 F2 (116)	1 (320)	13,500 yds	14,100 ts	B 18.0"	4,720nm/10
10x 6.0"/40 P4 (46)	12 (1800)	9,700 yds	380 ft	C 14.0"	
16x 2.2"/40 X1 (29)	40 (4480)	5,000 yds	9.0" F	T 1.0"	

MAJESTIC	1895 (9)	14 kts (67)	469 DP	D	4.0"	5x18.0"* (93)
4x12.0"/35 H5 (117)	2 (320)	14,900 yds	14,200 ts	B	9.0"	4,700nm/10
12x 6.0"/40 P4 (39)	12 (2160)	9,700 yds	390 ft	C	14.0"	
16x 3.0"/28 U3 (29)	24 (3520)	5,500 yds	8.1" D	T	5.5"	
CANOPUS	1899 (6)	14 kts (61)	427 DP	D	2.5"	4x18.0"* (107)
4x12.0"/35 H5 (106)	2 (320)	14,900 yds	12,950 ts	B	6.0"	4,500nm/10
12x 6.0"/40 P4 (35)	12 (2160)	9,700 yds	390 ft	C	12.0"	
10x 3.0"/28 U3 (42)	24 (1800)	5,500 yds	6.2" D	T	4.5"	
FORMIDABLE	1901 (8)	18 kts (51)	465 DP	D	3.0"	4x18.0"* (116)
4x12.0"/40 H4 (116)	2 (320)	15,600 yds	14,100 ts	B	9.0"	3,000nm/10
12x 6.0"/45 P3 (38)	12 (2160)	13,500 yds	411 ft	C	12.0"	
16x 3.0"/40 U3 (29)	26 (2880)	9,000 yds	7.4" C	T	5.5"	
DUNCAN	1901 (6)	18 kts (49)	446 DP	D	2.5"	4x18.0"* (111)
4x12.0"/40 H4 (111)	2 (320)	15,600 yds	13,500 ts	B	7.0"	3,000nm/10
12x 6.0"/45 P3 (37)	12 (2160)	13,500 yds	405 ft	C	12.0"	
12x 3.0"/40 U3 (37)	26 (2160)	9,000 yds	6.3" C	T	3.5"	
TRIUMPH	1904 (2)	18 kts (43)	389 DP	D	3.0"	2x18.0"* (194)
4x10.0"/45 K1 (97)	2 (320)	14,700 yds	11,800 ts	B	7.0"	6,250nm/10
14x 7.5"/50 N1 (27)	9 (1400)	13,500 yds	436 ft	C	10.0"	
14x 3.0"/40 U3 (27)	26 (2520)	9,000 yds	6.1" C	T	4.5"	
KING EDWARD VII	1903 (8)	18 kts (56)	502 DP	D	2.4"	4x18.0"* (125)
4x12.0"/40 H4 (125)	2 (320)	16,000 yds	15,200 ts	B	9.0"	7,000nm/10
4x 9.2"/45 L1 (125)	5 (320)	14,500 yds	425 ft	C	12.0"	
10x 6.0"/45 P3 (50)	12 (1800)	13,500 yds	7.0" C	T	4.5"	
14x 3.0"/40 U3 (35)	26 (2520)	9,000 yds				
DREADNOUGHT	1906 (1)	20 kts (59)	591 DP	D	3.0"	5x18.0"* (118)
10x12.0"/45 H3 (59)	3 (900)	16,500 yds	17,900 ts	B	11.0"	6,620nm/10
24x 3.0"/40 U3 (24)	26 (3600)	9,000 yds	502 ft	C	11.0"	
			7.8" C	T	6.0"	
LORD NELSON	1908 (2)	18 kts (60)	548 DP	D	2.0"	5x18.0"* (109)
4x12.0"/45 H3 (137)	3 (320)	16,500 yds	16,600 ts	B	12.0"	9,180nm/10
10x 9.2"/50 L1 (54)	5 (800)	16,300 yds	435 ft	C	12.0"	
24x 3.0"/40 U3 (22)	26 (3600)	9,000 yds	7.6" C	T	4.5"	
INVINCIBLE	1908 (3)	26 kts (43)	569 DP	D	3.2"	5x18.0"* (113)
8x12.0"/45 H3 (71)	3 (720)	16,500 yds	17,250 ts	B	6.0"	3,090nm/10
16x 4.0"/45 T3 (35)	20 (4000)	13,700 yds	530 ft	C	10.0"	
			5.7" C	T	4.0"	
BELLEROPHON	1909 (3)	22 kts (55)	614 DP	D	4.2"	3x18.0"* (204)
10x12.0"/45 H3 (61)	3 (900)	16,500 yds	18,600 ts	B	10.0"	5,720nm/10
16x 4.0"/45 T3 (38)	20 (4800)	13,700 yds	520 ft	C	11.0"	
			7.1" C	T	4.5"	
ST. VINCENT	1909 (3)	22 kts (58)	645 DP	D	4.2"	3x18.0"* (215)
10x12.0"/50 H2 (61)	3 (1000)	21,000 yds	19,560 ts	B	10.0"	6,900nm/10
18x 4.0"/45 T3 (35)	20 (6000)	13,700 yds	520 ft	C	10.0"	
			7.3" C	T	6.0"	
NEPTUNE	1911 (1)	22 kts (59)	649 DP	D	4.2"	3x18.0"* (216)
10x12.0"/50 H2 (64)	3 (1000)	21,000 yds	19,680 ts	B	10.0"	6,330nm/10
16x 4.0"/45 T3 (40)	20 (4800)	13,700 yds	540 ft	C	10.0"	
			7.8" C	T	7.0"	

COLOSSUS	1911 (2)	22 kts (60)	667 DP	D 3.3"	3x21.0"* (222)
10x12.0"/50 H2 (66)	3 (1000)	21,000 yds	20,225 ts	B 11.0"	6,680nm/10
16x 4.0"/45 T3 (41)	20 (4800)	13,700 yds	540 ft	C 11.0"	
			8.0" C	T 7.0"	
INDEFATIGABLE	1911 (3)	26 kts (47)	611 DP	D 3.0"	2x18.0"* (305)
8x12.0"/45 H3 (76)	3 (720)	18,600 yds	18,500 ts	B 6.0"	6,330nm/10
16x 4.0"/45 T3 (38)	20 (4800)	13,700 yds	555 ft	C 10.0"	
			5.8" C	T 4.0"	
ORION	1912 (4)	22 kts (66)	733 DP	D 5.5"	3x18.0"* (244)
10x13.5"/45 F1 (73)	2 (900)	23,500 yds	22,200 ts	B 12.0"	6,730nm/10
16x 4.0"/45 T3 (45)	20 (4800)	13,700 yds	545 ft	C 11.0"	
			8.9" C	T 7.0"	
LION	1912 (3)	28 kts (61)	867 DP	D 3.5"	2x21.0"* (433)
8x13.5"/45 F1 (108)	2 (720)	23,500 yds	26,270 ts	B 9.0"	5,610nm/10
16x 4.0"/45 T3 (54)	20 (4800)	13,700 yds	660 ft	C 10.0"	
			7.4" C	T 7.0"	
KING GEORGE V	1913 (4)	22 kts (69)	759 DP	D 5.0"	3x21.0"* (253)
10x13.5"/45 F1 (75)	2 (900)	23,800 yds	23,000 ts	B 12.0"	6,730nm/10
16x 4.0"/45 T3 (47)	20 (4800)	13,700 yds	555 ft	C 11.0"	
			8.9" C	T 7.5"	
IRON DUKE	1914 (4)	22 kts (77)	852 DP	D 2.5"	4x21.0"* (213) (2x3.0"AA= 4)
10x13.5"/45 F1 (85)	2 (900)	23,800 yds	25,820 ts	B 12.0"	7,780nm/10
12x 6.0"/45 P3 (71)	12 (2400)	13,500 yds	580 ft	C 11.0"	
2x 3.0"/45 U2 (426)	20 (720)	11,200 yds	8.3" C	T 7.5"	
ERIN	1914 (1)	22 kts (68)	752 DP	D 3.0"	4x21.0"* (188)
10x13.5"/45 F1 (75)	2 (900)	22,505 yds	22,780 ts	B 12.0"	5,300nm/10
16x 6.0"/45 P3 (47)	12 (2880)	13,500 yds	525 ft	C 12.0"	
			8.6" C	T 7.5"	
AGINCOURT	1914 (1)	22 kts (82)	908 DP	D 2.5"	3x21.0"* (302)
14x12.0"/45 H3 (64)	3 (1120)	18,600 yds	27,500 ts	B 9.0"	4,400nm/10
20x 6.0"/45 P3 (45)	12 (3200)	13,500 yds	671 ft	C 12.0"	
10x 3.0"/45 U2 (90)	20 (3000)	10,000 yds	7.0" C	T 4.6"	
TIGER	1914 (1)	28 kts (67)	938 DP	D 3.0"	4x21.0"* (234) (2x3.0"AA= 4)
8x13.5"/45 F1 (117)	2 (720)	23,800 yds	28,430 ts	B 9.0"	4,650nm/10
12x 6.0"/45 P3 (78)	12 (2400)	13,500 yds	660 ft	C 10.0"	
2x 3.0"/45 U2 (469)	40 (720)	11,200 yds	7.2" C	T 6.6"	
CANADA	1915 (1)	22 kts (85)	944 DP	D 3.6"	4x21.0"* (236) (2x3.0"AA= 4)
10x14.0"/45 E2 (94)	2 (900)	24,000 yds	28,600 ts	B 9.0"	4,400nm/10
18x 6.0"/45 P3 (52)	12 (3600)	13,500 yds	625 ft	C 11.0"	
2x 3.0"/45 U2 (472)	40 (720)	11,200 yds	7.9" C	T 8.0"	
QUEEN ELIZABETH	1915 (5)	24 kts (80)	962 DP	D 3.0"	4x21.0"* (240) (2x3.0"AA= 4)
8x15.0"/42 D3 (120)	4 (800)	28,700 yds	29,150 ts	B 13.0"	8,500nm/12
12x 6.0"/45 P3 (60)	12 (1560)	13,500 yds	600 ft	C 11.0"	
2x 3.0"/45 U2 (481)	40 (720)	11,200 yds	8.6" C	T 7.6"	
ROYAL SOVEREIGN	1916 (5)	22 kts (84)	924 DP	D 3.0"	4x21.0"* (231) (2x3.0"AA= 4)
8x15.0"/42 D3 (115)	4 (800)	28,700 yds	28,000 ts	B 13.0"	
14x 6.0"/45 P3 (66)	12 (1820)	13,500 yds	580 ft	C 11.0"	
2x 3.0"/45 U2 (462)	40 (720)	11,200 yds	8.6" C	T 7.6"	

RENOWN	1916 (2)	30 kts (61)	924 DP	D 3.0"	2x21.0"* (462)	(2x3.0"AA= 4)
6x15.0"/42 D3 (154)	4 (720)	23,500 yds	28,000 ts	B 6.0"	3,640nm/10	
15x 4.0"/45 T3 (71)	20 (1800)	13,500 yds	750 ft	C 10.0"		
2x 3.0"/45 U2 (462)	40 (300)	11,200 yds	6.4" C	T 6.6"		
COURAGEOUS	1917 (2)	30 kts (40)	614 DP	D 1.7"	2x21.0"* (307)	(2x3.0"AA= 4)
4x15.0"/42 D3 (76)	4 (800)	23,500 yds	18,600 ts	B 3.0"		
18x 4.0"/45 T3 (34)	20 (2160)	13,500 yds	735 ft	C 10.0"		
2x 3.0"/45 U2 (307)	40 (300)	11,200 yds	5.8" C	T 8.6"		
HOOD	1920 (1)	30 kts (93)	1408 DP	D 4.2"	6x21.0"* (234)	(4x4.0"AA=10)
8x15.0"/42 D3 (176)	4 (960)	29,000 yds	42,670 ts	B 12.0"	7,500nm/14	
12x 5.5"/50 Q1 (117)	24 (2400)	18,500 yds	850 ft	C 11.0"		
4x 4.0"/45 T3 (352)	28 (600)	13,700 yds	9.3" C	T 10.0"		
NELSON	1927 (2)	24 kts (92)	1106 DP	D 6.3"	2x24.5"* (553)	(6x4.7"AA=17)
9x16.0"/45 C2 (122)	3 (900)	42,000 yds	33,500 ts	B 14.0"	7,000nm/16	(8x40mmAA=15)
12x 6.0"/50 P2 (92)	16 (1800)	25,600 yds	660 ft	C 14.0"	AC: 2 C: 1	
6x 4.7"/43 S4 (184)	16 (1050)	16,000 yds	11.5" B	T 11.6"		
KING GEORGE V	1940 (5)	28 kts	1287 DP	D 5.0"		(16x5.2"AA=58)
10x14.0"/45 E2 (128)	4 (1000)	36,300 yds	39,000 ts	B 15.0"	5,310nm/18	
16x 5.25"/50 R1 (80)	15 (6400)	23,400 yds	700 ft	C 4.5"	AC: 4 C: 1	
			8.5" A	T 9.3"		

HEAVY & ARMORED CRUISERS

BLAKE	1890 (2)	20 kts (30)	302 DP	D 5.6"	4x14.0"* (75)	
2x 9.2"/32 L3 (151)	2 (200)	10,500 yds	9,150 ts	B 1.5"		
10x 6.0"/40 P4 (30)	10 (1000)	9,200 yds	375 ft	C 12.0"		
			5.7" F	T 3.6"		
CRESCENT	1892 (2)	20 kts (25)	254 DP	D 5.0"	2x18.0"* (127)	
1x 9.2"/32 L3 (127)	2 (100)	10,800 yds	7,700 ts	B 1.5"		
12x 6.0"/40 P4 (21)	14 (1200)	11,200 yds	390 ft	C 12.0"		
12x 2.2"/40 X1 (21)	40 (1800)	5,000 yds	5.5" F	T 3.6"		
EDGAR	1893 (7)	20 kts (25)	254 DP	D 5.0"	2x18.0"* (127)	
2x 9.2"/32 L3 (127)	2 (200)	10,800 yds	7,700 ts	B 1.5"		
10x 6.0"/40 P4 (25)	14 (1000)	11,200 yds	390 ft	C 12.0"		
12x 2.2"/40 X1 (21)	40 (1800)	5,000 yds	5.5" F	T 3.6"		
ECLIPSE	1896 (9)	20 kts (18)	185 DP	D 2.5"	3x18.0"* (61)	
11x 6.0"/40 P4 (16)	14 (1100)	11,200 yds	5,600 ts	C 6.0"		
9x 3.0"/28 U3 (20)	24 (900)	5,500 yds	364 ft	T 1.5"	2.8" D	
ARROGANT	1898 (4)	20 kts (19)	190 DP	D 3.0"	3x18.0"* (63)	
10x 6.0"/40 P4 (19)	12 (1000)	11,000 yds	5,750 ts	C 8.8"		
9x 3.0"/28 U3 (21)	24 (900)	5,500 yds	342 ft	T 2.0"	3.7" D	
DIADEM	1898 (8)	20 kts (36)	363 DP	D 4.0"	2x18.0"* (181)	
16x 6.0"/40 P4 (22)	12 (1600)	11,000 yds	11,000 ts	C 12.0"		
14x 3.0"/28 U3 (25)	24 (1400)	5,500 yds	450 ft	T 3.5"	5.1" D	
POWERFUL	1898 (2)	22 kts (42)	469 DP	D 6.0"	4x18.0"* (117)	
2x 9.2"/40 L2 (234)	5 (200)	13,400 yds	14,200 ts	B 1.4"		
16x 6.0"/40 P4 (29)	12 (1600)	11,000 yds	520 ft	C 12.0"		
18x 3.0"/28 U3 (26)	24 (1800)	5,500 yds	5.7" D	T 3.5"		

HIGHFLYER	1900 (3)	20 kts (18)	185 DP	D	3.0"	2x18.0"* (92)	
11x 6.0"/40 P4 (16)	12 (1100)	11,000 yds	5,600 ts	C	6.0"		
9x 3.0"/28 U3 (20)	24 (900)	5,500 yds	370 ft	T	1.6"	2.9" D	
CRESSY	1901 (6)	22 kts (36)	396 DP	D	3.0"	2x18.0"* (198)	
2x 9.2"/47 L1 (198)	5 (200)	14,500 yds	12,000 ts	B	6.0"		
12x 6.0"/45 P3 (33)	12 (1200)	13,500 yds	454 ft	C	12.0"		
14x 3.0"/40 U3 (28)	26 (1400)	9,000 yds	6.1" C	T	3.5"		
DRAKE	1902 (4)	24 kts (38)	465 DP	D	3.0"	2x18.0"* (232)	
2x 9.2"/47 L1 (232)	5 (200)	14,500 yds	14,100 ts	B	6.0"		
16x 6.0"/45 P3 (29)	12 (1600)	13,500 yds	515 ft	C	12.0"		
14x 3.0"/40 U3 (33)	26 (1400)	9,000 yds	6.0" C	T	3.0"		
MONMOUTH	1903 (10)	24 kts (27)	323 DP	D	2.0"	2x18.0"* (161)	
14x 6.0"/45 P3 (23)	12 (1400)	13,500 yds	9,800 ts	B	4.0"		
10x 3.0"/40 U3 (32)	26 (1500)	9,000 yds	440 ft	C	10.0"		
			4.8" C	T	3.0"		
DEVONSHIRE	1904 (6)	24 kts (30)	358 DP	D	2.0"	2x18.0"* (179)	
4x 7.5"/45 N2 (89)	5 (400)	13,900 yds	10,850 ts	B	6.0"		
6x 6.0"/45 P3 (59)	12 (900)	13,500 yds	450 ft	C	12.0"		
2x 3.0"/40 U3 (179)	26 (400)	9,000 yds	5.8" C	T	3.0"		
CHALLENGER	1905 (2)	22 kts (17)	195 DP	D	3.0"	2x18.0"* (97)	
11x 6.0"/45 P3 (17)	12 (1100)	13,600 yds	5,915 ts	C	6.0"		
9x 3.0"/40 U3 (21)	26 (900)	9,000 yds	360 ft	T	1.8"	2.2" C	
BLACK PRINCE	1905 (2)	22 kts (40)	447 DP	D	1.5"	3x18.0"* (149)	
6x 9.2"/47 L1 (74)	5 (600)	14,500 yds	13,550 ts	B	6.0"		
10x 6.0"/50 P2 (44)	12 (1000)	13,000 yds	480 ft	C	7.0"		
			4.8" C	T	4.5"		
WARRIOR	1907 (4)	22 kts (40)	447 DP	D	1.5"	3x18.0"* (149)	
6x 9.2"/47 L1 (74)	5 (600)	14,500 yds	13,550 ts	B	6.0"		
4x 7.5"/50 N1 (111)	5 (400)	14,000 yds	480 ft	C	7.0"		
			4.8" C	T	4.5"		
MINOTAUR	1908 (3)	24 kts (40)	482 DP	D	1.5"	5x18.0"* (96)	
4x 9.2"/50 L1 (120)	5 (400)	16,400 yds	14,600 ts	B	6.0"		
10x 7.5"/50 N1 (48)	5 (1000)	14,000 yds	519 ft	C	8.0"		
14x 3.0"/40 U3 (34)	30 (1680)	9,000 yds	5.0" C	T	4.5"		
HAWKINS	1919 (2)	30 kts (21)	314 DP	D	1.5"	4x21.0" (78)	(4x3.0"AA= 9)
7x 7.5"/45 N2 (44)	7 (1050)	21,400 yds	9,520 ts	B	3.0"		(2x40mmAA= 4)
10x 3.0"/45 U2 (31)	40 (3000)	11,200 yds	565 ft	C	3.0"	AC: 1 C: 1	2.1" C
VINDICTIVE	1918 (1)	30 kts (21)	314 DP	D	1.5"	4x21.0" (78)	(4x3.0"AA= 9)
5x 7.5"/45 N2 (62)	7 (750)	21,400 yds	9,520 ts	B	3.0"		(2x40mmAA= 4)
8x 3.0"/45 U2 (39)	40 (2400)	11,200 yds	565 ft	C	3.0"		2.1" C
FROBISHER	1924 (2)	30 kts (21)	314 DP	D	1.5"	4x21.0" (78)	(3x4.0"AA= 8)
7x 7.5"/45 N2 (44)	7 (1050)	21,400 yds	9,520 ts	B	3.0"		(2x40mmAA= 4)
3x 4.0"/45 T3 (104)	22 (450)	16,000 yds	565 ft	C	3.0"	AC: 1 C: 1	2.1" C
KENT	1928 (7)	32 kts (20)	323 DP	D	1.5"	8x21.0" (40)	(4x4.0"AA=10)
8x 8.0"/50 M3 (40)	12 (1200)	29,200 yds	9,800 ts	B	4.4"	13,300nm/12	(4x40mmAA= 8)
4x 4.0"/45 T3 (80)	22 (800)	16,000 yds	590 ft	C	3.0"	AC: 1 C: 1	2.5" B

LONDON	1929 (4)	32 kts (20)	325 DP	D 1.5"	8x21.0" (40)	(4x4.0"AA=10)
8x 8.0"/50 M3 (40)	12 (1200)	29,200 yds	9,850 ts	B 4.4"	12,500nm/12	(4x40mmAA= 8)
4x 4.0"/45 T3 (81)	22 (800)	16,000 yds	595 ft	C 3.0"	AC: 1 C: 1	2.5" B
DORSETSHIRE	1930 (2)	32 kts (20)	328 DP	D 1.5"	8x21.0" (41)	(4x4.0"AA=10)
8x 8.0"/50 M3 (41)	12 (1200)	29,200 yds	9,950 ts	B 4.4"	12,500nm/12	(4x40mmAA= 8)
4x 4.0"/45 T3 (82)	22 (800)	16,000 yds	595 ft	C 3.0"	AC: 1 C: 1	2.5" B
YORK	1930 (2)	32 kts (17)	274 DP	D 1.5"	6x21.0" (45)	(4x4.0"AA=10)
6x 8.0"/50 M3 (45)	12 (1032)	29,200 yds	8,300 ts	B 4.4"		(2x40mmAA= 4)
4x 4.0"/45 T3 (68)	22 (600)	16,000 yds	540 ft	C 3.0"	AC: 1 C: 1	2.5" B

LIGHT CRUISERS

APOLLO	1892 (20)	20 kts (11)	116 DP	D 2.0"	4x14.0"* (29)	
2x 6.0"/40 P4 (58)	12 (200)	11,200 yds	3,500 ts	C 3.0"		
6x 4.7"/40 S4 (19)	18 (480)	6,000 yds	314 ft	T 2.8"		
8x 2.2"/40 X1 (14)	40 (800)	5,000 yds	2.2" E			
ASTRAE	1894 (8)	20 kts (14)	144 DP	D 2.0"	4x18.0"* (36)	
2x 6.0"/40 P4 (72)	12 (160)	11,200 yds	4,360 ts	C 3.0"		
8x 4.7"/40 S4 (18)	18 (640)	6,000 yds	342 ft	T 2.8"		
8x 2.2"/40 X1 (18)	40 (800)	5,000 yds	2.2" E			
PELORUS	1897 (10)	20 kts (7)	73 DP	D 2.0"	2x14.0"* (36)	
8x 4.0"/40 T4 (9)	18 (640)	5,500 yds	2,200 ts	C 1.5"		
			314 ft	1.4" E		
TOPAZE (GEM)	1904 (4)	22 kts (9)	99 DP	D 2.0"	2x18.0"* (49)	
12x 4.0"/40 T4 (8)	18 (960)	5,500 yds	3,000 ts	C 1.5"		
			374 ft	1.4" C		
SENTINEL/FORWARD	1905 (6)	24 kts (8)	97 DP	D 1.6"	2x14.0"* (48)	
10x 3.0"/40 U3 (9)	26 (800)	9,000 yds	2,950 ts	B 2.0"		
			365 ft	1.4" C		
ADVENTURE	1905 (2)	26 kts (6)	88 DP	D 2.0"	2x14.0" (44)	
10x 3.0"/40 U3 (9)	26 (800)	9,000 yds	2,670 ts	1.3" C	374 ft	
BOADICEA	1909 (2)	28 kts (8)	111 DP		2x18.0" (55)	
6x 4.0"/45 T3 (18)	20 (480)	13,000 yds	3,350 ts	1.0" C	406 ft	
BLANCHE	1910 (5)	26 kts (8)	111 DP		2x18.0" (55)	
10x 4.0"/45 T3 (11)	20 (800)	13,000 yds	3,350 ts	1.0" C	406 ft	
BRISTOL	1910 (5)	26 kts (12)	158 DP	D 2.0"	2x18.0"* (79)	
2x 6.0"/45 P3 (79)	12 (200)	13,500 yds	4,800 ts			
10x 4.0"/45 T3 (16)	20 (800)	13,000 yds	453 ft	1.3" C		
CHATHAM/WEYMOUTH	1912 (10)	26 kts (13)	178 DP	D 2.0"	2x21.0"* (89)	
8x 6.0"/45 P3 (22)	12 (800)	13,500 yds	5,400 ts	1.3" C	458 ft	
BIRMINGHAM	1914 (3)	26 kts (13)	180 DP	D 2.0"	2x21.0"* (90)	
9x 6.0"/45 P3 (20)	12 (900)	13,500 yds	5,440 ts	B 3.0"		
			450 ft	1.8" C		
BIRKENHEAD	1915 (2)	26 kts (13)	172 DP	D 1.8"	2x21.0"* (86)	
10x 5.5"/50 Q1 (17)	10 (1000)	18,000 yds	5,200 ts	B 3.0"		
			450 ft	1.7" C		

ARETHUSA	1914 (8)	28 kts (8)	118 DP	B 3.0"	4x21.0" (29)	
2x 6.0"/45 P3 (59)	14 (300)	15,000 yds	3,585 ts	C 6.0"	5,180nm/16	
6x 4.0"/45 T3 (19)	22 (1200)	16,000 yds	410 ft	2.8" C		
CAROLINE	1914 (6)	28 kts (8)	124 DP	B 3.0"	4x21.0" (31)	
2x 6.0"/45 P3 (62)	14 (300)	15,000 yds	3,750 ts	C 6.0"	3,680nm/18	
8x 4.0"/45 T3 (15)	22 (1600)	16,000 yds	420 ft	2.8" C		
CALLIOPE	1915 (2)	28 kts (8)	120 DP	B 3.0"	2x21.0"* (60)	
2x 6.0"/45 P3 (60)	14 (300)	15,000 yds	3,650 ts	C 6.0"	4,170nm/18	
8x 4.0"/45 T3 (15)	22 (1600)	16,000 yds	420 ft	2.8" C		
CAMBRIAN	1915 (4)	28 kts (8)	122 DP	B 3.0"	4x21.0" (30)	
2x 6.0"/45 P3 (61)	14 (300)	15,000 yds	3,700 ts	C 4.0"	3,380nm/18	
8x 4.0"/45 T3 (15)	22 (1600)	16,000 yds	420 ft	2.3" B		
CENTAUR	1916 (2)	28 kts (9)	137 DP	B 3.0"	2x21.0"* (68)	(2x3.0"AA= 4)
5x 6.0"/45 P3 (27)	14 (750)	15,000 yds	4,165 ts	C 3.0"	3,380nm/18	
2x 3.0"/45 U2 (68)	40 (400)	11,200 yds	420 ft	2.0" B		
CALEDON/CERES	1917 (14)	28 kts (10)	140 DP	B 3.0"	8x21.0" (17)	(2x3.0"AA= 4)
6x 6.0"/45 P3 (23)	9 (1200)	19,000 yds	4,240 ts	C 3.0"	3,560nm/20	
2x 3.0"/45 U2 (70)	40 (300)	11,200 yds	425 ft	2.0" B		
DANAE/DELHI	1918 (6)	30 kts (9)	144 DP	B 3.0"	12x21.0" (12)	(2x3.0"AA= 4)
6x 6.0"/45 P3 (24)	11 (1200)	19,000 yds	4,370 ts	1.5" B	1,480nm/29	(2x40mmAA= 4)
2x 3.0"/45 U2 (72)	40 (600)	11,200 yds	445 ft			
DIOMEDE/DESPATCH	1922 (2)	30 kts (10)	149 DP	B 3.0"	12x21.0" (12)	(2x4.0"AA= 5)
6x 6.0"/45 P3 (24)	11 (1200)	19,000 yds	4,520 ts	1.5" B	1,480nm/29	(2x40mmAA= 4)
2x 4.0"/45 T3 (74)	22 (260)	16,000 yds	445 ft			
EMERALD/ENTERPRISE	1926 (2)	32 kts (15)	250 DP	D 2.0"	12x21.0" (20)	(3x4.0"AA= 8)
7x 6.0"/45 P3 (35)	16 (1555)	20,600 yds	7,565 ts	B 3.0"	3,850nm/20	(2x40mmAA= 4)
3x 4.0"/45 T3 (83)	22 (300)	16,000 yds	535 ft	1.8" B	AC: 1 C: 1	
LEANDER	1933 (5)	32 kts (15)	240 DP	D 2.0"	8x21.0" (30)	(4x4.0"AA=10)
8x 6.0"/50 P2 (30)	16 (1600)	24,800 yds	7,270 ts	B 3.5"		(3x0.5"AA= 3)
4x 4.0"/45 T3 (60)	22 (1000)	16,000 yds	522 ft	1.8" A	AC: 2 C: 1	
PERTH/HOBART/SYDNEY	1935 (3)	32 kts (14)	226 DP	D 2.0"	8x21.0" (28)	(4x4.0"AA=10)
8x 6.0"/50 P2 (28)	16 (1600)	24,800 yds	6,850 ts	B 3.5"		(3x0.5"AA= 3)
4x 4.0"/45 T3 (56)	22 (800)	16,000 yds	530 ft	1.8" A	AC: 1 C: 1	
ARETHUSA/GALATEA	1935 (2)	32 kts (10)	172 DP	D 2.0"	6x21.0" (28)	(4x4.0"AA=10)
6x 6.0"/50 P2 (28)	16 (1200)	24,800 yds	5,220 ts	B 3.0"		(8x0.5"AA= 8)
4x 4.0"/45 T3 (43)	22 (600)	16,000 yds	480 ft	1.8" A	AC: 2 C: 1	
PENELOPE/AURORA	1936 (2)	32 kts (10)	174 DP	D 2.0"	6x21.0" (29)	(8x4.0"AA=27)
6x 6.0"/50 P2 (29)	16 (1200)	24,800 yds	5,270 ts	B 3.0"		(8x0.5"AA= 8)
8x 4.0"/45 T3 (21)	32 (1200)	21,300 yds	480 ft	1.8" A	AC: 1 C: 1	
NEWCASTLE	1937 (8)	32 kts (19)	310 DP	D 2.0"	6x21.0" (51)	(8x4.0"AA=27)
12x 6.0"/50 P2 (25)	16 (2400)	24,800 yds	9,400 ts	B 4.5"		(8x40mmAA=15)
8x 4.0"/45 T3 (38)	32 (1600)	21,300 yds	558 ft	C 4.0"	AC: 3 C: 1	(8x0.5"AA= 8)
			3.1" A	T 2.0"		
BELFAST/EDINBURGH	1938 (2)	32 kts (21)	340 DP	D 3.0"	6x21.0" (56)	(12x4.0"AA=41)
12x 6.0"/50 P2 (28)	16 (2400)	24,800 yds	10,300 ts	B 4.5"		(16x40mmAA=30)
12x 4.0"/45 T3 (28)	32 (2400)	21,300 yds	579 ft	C 4.0"	AC: 3 C: 1	(8x0.5"AA= 8)
			3.4" A	T 2.0"		

DIDO	1940 (3)	32 kts (11)	182 DP	D 2.0"	6x21.0" (30)	(8x5.2"AA=29)
8x5.25"/50 R1 (22)	16 (2720)	23,400 yds	5,500 ts	B 3.0"	5,500nm/16	(8x40mmAA=15)
1x 4.0"/45 T3 (91)	22 (200)	16,000 yds	485 ft	1.8" A		(2x0.5"AA= 2)
NAIAD	1940 (6)	32 kts (11)	182 DP	D 2.0"	6x21.0" (30)	(10x5.2"AA=36)
10x5.25"/50 R1 (18)	16 (3400)	23,400 yds	5,500 ts	B 3.0"	5,500nm/16	(8x40mmAA=15)
			485 ft	1.8" A		(2x0.5"AA= 2)
CHARYBDIS/SCYLLA	1941 (2)	32 kts (11)	182 DP	D 2.0"		(8x4.5"AA=29)
8x 4.5"/45 T2 (22)	24 (2720)	19,900 yds	5,500 ts	B 3.0"	5,500nm/16	(8x40mmAA=15)
			485 ft	1.8" A		
SPARTAN	1943 (5)	32 kts (12)	191 DP	D 2.0"	6x21.0" (31)	(8x5.2"AA=29)
8x5.25"/50 R1 (23)	16 (2720)	23,400 yds	5,800 ts	B 3.4"		(12x40mmAA=23)
			485 ft	1.9" A		(12x20mmAA=19)
FIJI	1940 (8)	32 kts (17)	284 DP	D 3.2"	6x21.0" (47)	(8x4.0"AA=27)
12x 6.0"/50 P2 (23)	16 (2400)	24,800 yds	8,600 ts	B 3.5"		(8x40mmAA=15)
8x 4.0"/45 T3 (35)	32 (1600)	21,300 yds	538 ft	C 4.0"	AC: 3 C: 1	(8x0.5"AA= 8)
			3.2" A	T 2.0"		
UGANDA	1943 (3)	32 kts (18)	287 DP	D 2.0"	6x21.0" (47)	(8x4.0"AA=27)
9x 6.0"/50 P2 (31)	16 (1800)	24,800 yds	8,700 ts	B 3.5"		(12x40mmAA=23)
8x 4.0"/45 T3 (35)	32 (1600)	21,300 yds	538 ft	C 4.0"		(20x20mmAA=32)
			2.9" A	T 2.0"		
SWIFTSURE	1944 (3)	32 kts (18)	300 DP	D 2.0"		(10x4.0"AA=34)
9x 6.0"/50 P2 (33)	16 (1800)	24,800 yds	9,100 ts	B 3.5"		(16x40mmAA=30)
10x 4.0"/45 T3 (30)	32 (2000)	21,300 yds	538 ft	C 4.0"		(22x20mmAA=35)
			2.9" A	T 2.0"		

DESTROYERS

A Class	1893 (42)	28 kts (2)	25 DP	200 ft	2x18.0" (12)
1x 3.0"/40 U3 (13)	24 (100)	5,500 yds	260 ts		
3x 2.2"/40 X1 (8)	40 (300)	5,000 yds			
B/C/D Classes	1896 (67)	30 kts (2)	25 DP	215 ft	2x18.0" (12)
1x 3.0"/40 U3 (13)	24 (100)	5,500 yds	350 ts		
5x 2.2"/40 X1 (5)	40 (400)	5,000 yds			
ALBACORE	1908 (5)	32 kts (2)	25 DP	228 ft	2x18.0" (12)
3x 3.0"/40 U3 (8)	18 (300)	9,000 yds	440 ts		
RIVER CLASS	1903 (36)	26 kts (2)	25 DP	220 ft	2x18.0" (12)
4x 3.0"/40 U3 (6)	18 (320)	9,000 yds	550 ts		
TRIBAL 1 Class	1907 (5)	34 kts (2)	29 DP	260 ft	2x18.0" (14)
5x 3.0"/40 U3 (5)	18 (400)	9,000 yds	865 ts		
TRIBAL 2 Class	1908 (7)	34 kts (2)	32 DP	280 ft	2x18.0" (16)
2x 4.0"/40 T4 (16)	18 (200)	9,500 yds	970 ts		
SWIFT	1907 (1)	38 kts (3)	60 DP	353 ft	2x18.0" (19)
4x 4.0"/40 T4 (15)	18 (400)	9,500 yds	1,825 ts		
G Class	1909 (16)	28 kts (2)	29 DP	266 ft	2x18.0" (14)
1x 4.0"/40 T4 (15)	18 (100)	9,500 yds	885 ts		
3x 3.0"/40 U3 (9)	18 (300)	9,000 yds			

H Class	1910 (20)	28 kts (2)	26 DP	240 ft	2x21.0" (13)	
2x 4.0"/40 T4 (13)	18 (240)	9,500 yds	780 ts			
I Class	1911 (23)	28 kts (2)	26 DP	240 ft	2x21.0" (13)	
2x 4.0"/40 T4 (13)	18 (240)	9,500 yds	780 ts			
2x 3.0"/40 U3 (13)	18 (200)	9,000 yds				
FIRE Drake	1912 (3)	34 kts (2)	26 DP	255 ft	2x21.0" (13)	
2x 4.0"/40 T4 (13)	18 (240)	9,500 yds	790 ts			
2x 3.0"/40 U3 (13)	18 (200)	9,000 yds				
K Class	1912 (18)	30 kts (2)	31 DP	260 ft	2x21.0" (15)	
3x 4.0"/40 T4 (10)	18 (360)	9,500 yds	935 ts			
L Class	1913 (22)	30 kts (2)	32 DP	269 ft	4x21.0" (8)	
3x 4.0"/40 T4 (10)	18 (360)	9,500 yds	965 ts			
M Class	1915 (114)	34 kts (2)	33 DP	272 ft	4x21.0" (8)	
3x 4.0"/45 T3 (11)	20 (360)	13,000 yds	1,000 ts			
BOTHA	1914 (4)	32 kts (3)	56 DP	331 ft	4x21.0" (14)	
4x 4.0"/45 T3 (14)	20 (480)	13,000 yds	1,700 ts			
TALISMAN	1916 (4)	32 kts (2)	36 DP	309 ft	4x21.0" (9)	
5x 4.0"/45 T3 (7)	20 (500)	13,000 yds	1,098 ts			
MARKSMAN	1915 (12)	34 kts (3)	53 DP	325 ft	4x21.0" (13)	
4x 4.0"/45 T3 (13)	20 (400)	13,000 yds	1,610 ts			
1x 3.0"/45 U2 (27)	40 (150)	11,200 yds				
ABDIEL	1916 (1)	34 kts (3)	53 DP	325 ft	72 mines	
3x 4.0"/45 T3 (17)	20 (300)	13,000 yds	1,610 ts			
R Class	1916 (55)	36 kts (2)	35 DP	275 ft	4x21.0" (8)	
3x 4.0"/45 T3 (11)	16 (300)	16,000 yds	1,056 ts			
S Class	1918 (67)	36 kts (2)	35 DP	282 ft	4x21.0" (8)	
3x 4.0"/45 T3 (11)	16 (360)	16,000 yds	1,075 ts		2x14.0" (17)	
V Class	1917 (31)	34 kts (2)	43 DP	312 ft	4x21.0" (10)	
4x 4.0"/45 T3 (10)	16 (480)	16,000 yds	1,292 ts			
W Class	1918 (20)	34 kts (2)	43 DP	312 ft	6x21.0" (7)	
3x 4.0"/45 T3 (14)	16 (360)	16,000 yds	1,296 ts			
SHAKESPEARE	1917 (4)	36 kts (2)	51 DP	329 ft	6x21.0" (8)	
5x 4.7"/45 T2 (10)	16 (600)	16,200 yds	1,550 ts			
BRUCE	1918 (8)	36 kts (3)	60 DP	332 ft	6x21.0" (10)	
5x 4.7"/45 T2 (12)	16 (600)	16,200 yds	1,820 ts			
AMAZON/AMBUSCADE	1926 (2)	36 kts (2)	43 DP	312 ft	6x21.0" (7)	(2x40mmAA= 4)
4x 4.7"/45 T2 (10)	16 (760)	16,200 yds	1,300 ts			
A/B/C/D Leaders	1929 (4)	36 kts (2)	46 DP	332 ft	8x21.0" (5)	(2x40mmAA= 4)
5x 4.7"/45 T2 (9)	16 (1000)	16,200 yds	1,410 ts			
A Class	1929 (10)	36 kts (2)	45 DP	312 ft	8x21.0" (5)	(2x40mmAA= 4)
4x 4.7"/45 T2 (11)	16 (760)	16,200 yds	1,350 ts			

B Class 4x 4.7"/45 T2 (11)	1930 (8) 18 (760)	36 kts (2) 16,200 yds	45 DP 1,360 ts	312 ft	8x21.0" (5) 40 DC	(2x40mmAA= 4)
C Class 4x 4.7"/45 T2 (11) 1x 3.0"/45 U2 (23)	1931 (5) 18 (760) 40 (300)	36 kts (2) 16,200 yds 11,200 yds	45 DP 1,375 ts	318 ft	8x21.0" (5) 30 DC	(1x3.0"AA= 2) (2x40mmAA= 4)
D Class 4x 4.7"/45 T2 (11)	1932 (8) 18 (760)	36 kts (2) 16,200 yds	45 DP 1,375 ts	318 ft	8x21.0" (5) 40 DC	(8x0.5"AA= 8)
E and F Classes 4x 4.7"/45 T2 (11)	1934 (16) 18 (760)	36 kts (2) 18,000 yds	45 DP 1,375 ts	318 ft	8x21.0" (5) 40 DC	(8x0.5"AA= 8)
EXMOUTH/FAULKNER 5x 4.7"/45 T2 (9)	1934 (2) 18 (1000)	36 kts (2) 18,000 yds	49 DP 1,475 ts	332 ft	8x21.0" (6)	(8x0.5"AA= 8)
G and H Classes 4x 4.7"/45 T2 (11)	1935 (16) 18 (760)	36 kts (2) 18,000 yds	44 DP 1,340 ts	312 ft	8x21.0" (5) 40 DC	(8x0.5"AA= 8)
GRENVILLE/HARDY 5x 4.7"/45 T2 (10)	1935 (2) 18 (1000)	36 kts (2) 18,000 yds	50 DP 1,505 ts	330 ft	8x21.0" (6)	(8x0.5"AA= 8)
I Class 4x 4.7"/45 T2 (11)	1936 (8) 18 (760)	36 kts (2) 18,000 yds	45 DP 1,370 ts	312 ft	10x21.0" (4) 40 DC	(8x0.5"AA= 8)
TRIBAL Class 8x 4.7"/45 T2 (7)	1937 (16) 22 (2000)	36 kts (3) 18,000 yds	62 DP 1,870 ts	356 ft	4x21.0" (15) 24 DC	(4x40mmAA= 8) (8x0.5"AA= 8)
J and K Classes 6x 4.7"/45 T2 (9)	1938 (17) 22 (1500)	36 kts (3) 18,000 yds	56 DP 1,690 ts	340 ft	10x21.0" (5) 24 DC	(4x40mmAA= 8) (8x0.5"AA= 8)
L and M Classes 6x 4.7"/50 S3 (10)	1940 (12) 18 (1500)	36 kts (3) 18,900 yds	63 DP 1,920 ts	346 ft	8x21.0" (7) 30 DC (2x20mmAA= 3)	(6x4.7"AA=20) (4x40mmAA= 8) (8x0.5"AA= 8)
LANCE/GURKHA 8x 4.0"/45 T3 (7)	1940 (4) 32 (1560)	36 kts (3) 17,300 yds	63 DP 1,920 ts	346 ft	8x21.0" (7) 60 DC (2x20mmAA= 3)	(8x4.0"AA=27) (4x40mmAA= 8) (8x0.5"AA= 8)
N Class 6x 4.7"/45 T2 (9) 1x 4.0"/45 T3 (28)	1940 (8) 22 (1500) 32 (240)	36 kts (3) 18,000 yds 17,300 yds	56 DP 1,690 ts	340 ft	10x21.0" (5) 24 DC	(1x4.0"AA= 3) (2x20mmAA= 3) (4x0.5"AA= 4)
ONSLOW/ORIBI 4x 4.7"/45 T2 (12) 1x 4.0"/45 T3 (26)	1941 (4) 22 (1000) 32 (240)	36 kts (3) 18,000 yds 17,300 yds	51 DP 1,540 ts	339 ft	4x21.0" (12) 24 DC	(1x4.0"AA= 3) (4x40mmAA= 8) (4x20mmAA= 6)
OB DURATE 4x 4.0"/45 T3 (12)	1942 (4) 32 (1000)	36 kts (3) 17,300 yds	51 DP	339 ft 60 mines	8x21.0" (6) 24 DC	(4x4.0"AA=14) (4x40mmAA= 8) (6x20mmAA=10)
P Class 4x 4.0"/45 T3 (12)	1941 (8) 32 (1000)	36 kts (3) 17,300 yds	51 DP	339 ft	8x21.0" (6) 36 DC	(4x4.0"AA=14) (4x40mmAA= 8) (4x20mmAA= 6)
Q and R Classes 4x 4.7"/45 T2 (14)	1942 (16) 22 (900)	36 kts (3) 18,000 yds	56 DP	329 ft	8x21.0" (7) 60 DC	(4x40mmAA= 8) (8x20mmAA=10)
S/T/U/V/W Classes 4x 4.7"/50 S3 (14)	1942 (40) 18 (1000)	36 kts (3) 18,900 yds	56 DP	340 ft	8x21.0" (7) 60 DC	(4x4.7"AA=13) (4x40mmAA= 8) (8x20mmAA=10)

Z and C Classes	1943 (40)	36 kts (3)	56 DP	340 ft	8x21.0" (7)	(4x4.5"AA=14)
4x 4.5"/45 S3 (14)	24 (1000)	19,900 yds	1,710 ts		60 DC	(4x40mmAA= 9)
						(6x20mmAA=10)
BATTLE Class	1945 (24)	36 kts (4)	76 DP	355 ft	8x21.0" (9)	(4x4.5"AA=14)
4x 4.5"/45 S3 (19)	24 (1000)	19,900 yds	2,315		80 DC	(1x4.0"AA= 3)
1x 4.0"/45 T3 (48)	32 (300)	17,300 yds				(12x40mmAA=26)

AIRCRAFT CARRIERS

COURAGEOUS/GLORIOUS	1928 (2)	30 kts (49)	743 DP	D 2.0"		(16x4.7"AA=53)
16x 4.7"/50 S3 (46)	18 (6400)	18,900 yds	22,500 ts	B 3.0"	5,860nm/16	(16x40mmAA=30)
			735 ft	1.8" B	AC: 48	
FURIOUS	1918 (1)	32 kts (45)	726 DP	D 3.0"		(2x3.0"AA= 4)
1x18.0"/40 B2 (363)	1 (200)	28,900 yds	22,000 ts	B 3.0"		
11x 5.5"/50 Q1 (66)	20 (1100)	18,500 yds	735 ft	2.0" C	AC: 20	
2x 3.0"/45 U2 (363)	40 (400)	11,200 yds				
CAMPANIA	1915 (1)	22 kts (54)	594 DP			(1x3.0"AA= 2)
6x 4.7"/45 T2 (99)	16 (720)	16,200 yds	18,000 ts		AC: 11	
1x 3.0"/45 U2 (248)	40 (200)	11,200 yds	622 ft	1.0" F		
ARGUS	1918 (1)	20 kts (52)	520 DP			(6x4.0"AA=16)
6x 4.0"/45 T3 (86)	22 (720)	13,700 yds	15,768 ts	1.0" E	AC: 20	
			565 ft			
EAGLE	1923 (1)	24 kts (62)	746 DP	D 3.6"		(4x4.0"AA=10)
9x 6.0"/45 P3 (82)	14 (1080)	20,600 yds	22,600 ts	B 6.8"		(8x40mmAA=15)
4x 4.0"/45 T3 (186)	22 (480)	13,700 yds	625 ft	3.1" B	AC: 21	
ARK ROYAL	1914 (1)	10 kts (23)	232 DP			
4x 3.0"/45 U2 (58)	40 (400)	11,200 yds	366 ft	1.0" F	AC: 9	
HERMES	1921 (1)	26 kts (27)	358 DP	B 3.0"		(3x4.0"AA= 8)
6x 5.5"/50 Q1 (59)	20 (720)	18,500 yds	10,850 ts			
3x 4.0"/45 U2 (119)	22 (600)	13,700 yds	548 ft	1.5" B	AC: 15	
ARK ROYAL	1938 (1)	30 kts (48)	726 DP	D 3.5"		(16x4.5"AA=58)
16x 4.5"/45 S3 (45)	24 (7200)	19,900 yds	22,000 ts	B 4.5"	4,300nm/12	(48x40mmAA=91)
			685 ft	2.5" A	AC: 60 C: 2	(32x0.5"AA=32)
ILLUSTRIOUS	1940 (3)	30 kts (51)	766 DP	D 3.0"	3.3" A	(16x4.5"AA=58)
16x 4.5"/45 S3 (47)	24 (7200)	19,900 yds	23,207 ts	B 4.5"	14,000nm/10	(48x40mmAA=91)
			673 ft	H 4.5"	AC: 30 C: 2	(50x20mmAA=80)
INDOMITABLE	1941 (1)	30 kts (50)	762 DP	D 3.0"	2.5" A	(16x4.5"AA=58)
16x 4.5"/45 S3 (47)	24 (7200)	19,900 yds	23,080 ts	B 4.5"	13,000nm/10	(48x40mmAA=91)
			673 ft	H 1.5"	AC: 55 C: 2	
IMPLACABLE	1944 (2)	32 kts (48)	774 DP	D 3.0"	2.5" A	(16x4.5"AA=58)
16x 4.5"/45 S3 (48)	24 (7200)	19,900 yds	23,460 ts	B 4.5"	11,300nm/14	(52x40mmAA=99)
			690 ft	H 1.5"	AC: 80 C: 2	(38x20mmAA=61)
UNICORN	1943 (1)	24 kts (41)	493 DP	D 2.0"		(8x4.0"AA=27)
8x 4.0"/45 T3 (61)	32 (3200)	21,300 yds	14,950 ts	B 3.0"	7,000nm/14	(16x40mmAA=30)
			545 ft	1.8" A	AC: 27 C: 1	(12x20mmAA=19)

GREECE

BATTLESHIPS

PSARA	1890 (3)	14 kts (23)	165 DP	D 2.2"	3x14.0"* (55)
3x10.6"/36 K2 (55)	1 (180)	9,600 yds	5,000 ts	B 12.0"	
5x 5.9"/36 P4 (33)	6 (400)	6,800 yds	331 ft	C 12.0"	
			7.4" E	T 3.5"	
AVEROFF	1911 (1)	22 kts (28)	312 DP	D 2.0"	3x18.0"* (104)
4x 9.2"/47 L1 (78)	5 (400)	14,500 yds	9,450 ts	B 8.0"	7,125nm/10
8x 7.5"/50 N1 (39)	5 (640)	14,000 yds	461 ft	C 7.0"	
16x 3.0"/40 U3 (19)	30 (1600)	9,000 yds	5.2" D	T 3.8"	

CRUISERS

HELLE	1913 (1)	20 kts (7)	70 DP	D 2.0"	2x18.0" (35)
2x 6.0"/45 P3 (35)	12 (200)	13,500 yds	2,115 ts		7,200nm/10
4x 4.0"/45 T3 (17)	20 (400)	13,000 yds	330 ft		
2x 3.0"/40 U3 (35)	30 (200)	9,000 yds	1.3" C		

DESTROYERS

THYELLA/DOXA	1907 (8)	30 kts (2)	25 DP		2x18.0" (12)
2x 3.0"/40 U3 (12)	18 (200)	9,000 yds	388 ts		2,000nm/14
4x 2.2"/40 X1 (6)	40 (400)	5,000 yds			
KERVANOS	1912 (2)	32 kts (2)	25 DP		2x18.0" (12)
4x 4.0"/40 T4 (6)	18 (240)	9,500 yds	760 ts		
AETOS	1912 (4)	32 kts (2)	32 DP		4x21.0" (8)
4x 4.0"/40 T4 (8)	18 (320)	9,500 yds	980 ts	293 ft	3,000nm/15

ITALY

BATTLESHIPS & BATTLECRUISERS

ITALIA/LEPANTO	1887 (2)	18 kts (58)	525 DP	D 3.0"	4x14.0"* (131)
4x17.0"/27 C2 (131)	½ (200)	7,800 yds	15,900 ts	T 18.0"	5,000nm/10
18x 6.0"/26 P5 (29)	4 (900)	5,400 yds	400 ft	5.8" F	
ANDREA DORIA	1891 (3)	16 kts (46)	370 DP	D 2.9"	3x14.0"* (123)
4x17.0"/27 C2 (92)	½ (200)	7,800 yds	11,204 ts	B 17.8"	4,500nm/10
2x 6.0"/32 P5 (185)	6 (200)	5,400 yds	328 ft	C 17.8"	
4x 4.7"/32 S4 (92)	16 (400)	5,000 yds	9.9" F		
RE UMBERTO	1893 (3)	20 kts (45)	457 DP	D 4.3"	5x17.7"* (91)
4x13.5"/30 F2 (114)	½ (240)	13,500 yds	13,860 ts	B 4.0"	6,000nm/10
8x 5.9"/40 P4 (57)	10 (800)	9,000 yds	400ft	C 11.8"	
16x 4.7"/32 S4 (28)	16 (1280)	5,000 yds	5.3" E		

AMMIRAGLIO DI St.BON	1900 (2)	18 kts (35)	323 DP	D	3.0"	4x17.7"* (80)	
4x10.0"/40 K2 (80)	4 (320)	16,000 yds	9,800 ts	B	9.8"	4,000nm/10	
8x 6.0"/40 P4 (40)	12 (800)	9,700 yds	344 ft	C	6.0"		
8x 4.7"/40 S4 (40)	18 (800)	6,000 yds	5.6" D	T	3.5"		
REGINA MARGHERITA	1904 (2)	20 kts (44)	443 DP	D	3.0"	4x17.7"* (110)	
4x12.0"/40 H4 (110)	2 (400)	16,400 yds	13,427 ts	B	6.0"	5,000nm/10	
12x 6.0"/40 P4 (37)	12 (1200)	9,700 yds	426 ft	C	12.0"		
20x 3.0"/40 U4 (22)	26 (2000)	9,000 yds	6.4" D	T	4.5"		
REGINA ELENA	1907 (4)	22 kts (42)	466 DP	D	2.2"	2x17.7"* (233)	
2x12.0"/40 H4 (233)	2 (200)	16,400 yds	14,112 ts	B	10.0"		
12x 8.0"/45 M4 (38)	4 (960)	15,600 yds	435 ft	C	10.0"		
16x 3.0"/40 U4 (29)	26 (1600)	9,000 yds	6.7" D	T	4.5"		
DANTE ALIGHIERI	1913 (1)	22 kts (32)	711 DP	D	1.5"	3x17.7"* (237)	
12x12.0"/46 H3 (59)	3 (960)	26,200 yds	21,556 ts	B	9.5"	4,800nm/10	
20x 4.7"/50 S3 (35)	10 (3000)	15,400 yds	519 ft	C	12.0"		
13x 3.0"/45 U2 (54)	28 (2600)	11,200 yds	7.7" C	T	7.9"		
CONTE DI CAVOUR	1914 (3)	22 kts (75)	830 DP	D	1.5"	3x17.7"* (276)	
13x12.0"/46 H3 (63)	3 (910)	26,200 yds	25,137 ts	B	9.8"	4,800nm/10	
18x 4.7"/50 S3 (46)	10 (3600)	15,400 yds	554 ft	C	11.0"		
13x 3.0"/45 U2 (63)	28 (3900)	11,200 yds	7.4" C	T	7.2"		
ANDREA DORIA	1916 (2)	22 kts (76)	836 DP	D	1.5"	3x17.7"* (278)	
13x12.0"/46 H3 (64)	3 (1040)	26,200 yds	25,335 ts	B	9.8"	4,800nm/10	
16x 6.0"/45 P3 (52)	8 (2400)	15,900 yds	554 ft	C	12.6"		
13x 3.0"/45 U2 (64)	28 (3900)	11,200 yds	7.8" C	T	7.2"		
VITTORIO VENETO	1940 (2)	30 kts (91)	1363 DP	D	8.2"		(12x3.5"AA=28)
9x15.0"/50 D1 (151)	3 (675)	46,200 yds	41,300 ts	B	13.8"	4,580nm/16	(20x37mmAA=42)
12x 6.0"/55 P1 (113)	9 (2520)	27,200 yds	781 ft	C	10.2"		(28x20mmAA=25)
12x 3.5"/50 T3 (113)	24 (5740)	14,200 yds	10.0" A	T	7.7"	AC: 3 C: 1	

HEAVY & ARMORED CRUISERS

ETNA	1888 (4)	16 kts (15)	120 DP	D	2.0"	4x14.0"* (30)	
2x10.0"/30 K3 (60)	1 (100)	10,400 yds	3,640 ts			3,500nm/10	
6x 6.0"/32 P5 (20)	6 (360)	7,900 yds	284 ft				
5x 2.2"/40 X1 (24)	40 (1000)	5,000 yds	1.3" F				
PIEMONTE	1890 (1)	20 kts (8)	87 DP	D	3.0"	3x14.0"* (29)	
6x 6.0"/40 P4 (14)	10 (300)	7,900 yds	2,650 ts	C	3.0"		
6x 4.7"/40 S4 (14)	18 (300)	6,000 yds	305 ft				
10x 2.2"/40 X1 (8)	40 (500)	5,000 yds	2.0" F				
MARCO POLO	1895 (1)	18 kts (16)	151 DP	B	4.0"	4x17.7"* (37)	
6x 6.0"/40 P4 (25)	10 (480)	7,900 yds	4,583 ts	C	2.2"		
10x 4.7"/40 S4 (15)	18 (800)	6,000 yds	327 ft				
9x 2.2"/40 X1 (16)	40 (900)	5,000 yds	2.1" E				
CARLO ALBERTO	1898 (2)	18 kts (23)	215 DP	D	1.5"	4x17.7"* (53)	
12x 6.0"/40 P4 (18)	12 (960)	9,700 yds	6,500 ts	B	6.0"		
6x 4.7"/40 S4 (35)	18 (600)	6,000 yds	332 ft	C	6.0"		
14x 2.2"/40 X1 (15)	40 (1400)	5,000 yds	4.1" D	T	2.8"		

GUISEPPI GARIBALDI	1902 (3)	20 kts (24)	244 DP	D	1.5"	4x17.7"* (61)	
1x10.0"/45 K1 (122)	4 (100)	18,200 yds	7,400 ts	B	6.0"		
2x 8.0"/45 M4 (122)	4 (200)	16,000 yds	344 ft	C	6.0"		
14x 6.0"/40 P4 (17)	12 (1400)	9,700 yds	4.3" D	T	3.5"		
PISA/AMALFI	1909 (2)	22 kts (33)	368 DP	D	2.0"	3x17.7"* (122)	
4x10.0"/45 K1 (92)	4 (400)	18,200 yds	11,155 ts	B	8.0"		
8x 7.5"/45 N2 (46)	5 (800)	15,000 yds	453 ft	C	7.0"		
16x 3.0"/40 U3 (23)	30 (2400)	9,000 yds	5.4" D	T	4.5"		
SAN GIORGIO	1910 (2)	22 kts (33)	368 DP	D	1.8"	3x17.7"* (122)	
4x10.0"/45 K1 (92)	4 (400)	18,200 yds	11,148 ts	B	8.0"	6,270nm/10	
8x 7.5"/45 N2 (46)	5 (800)	15,000 yds	453 ft	C	9.8"		
10x 3.0"/40 U3 (36)	30 (2000)	9,000 yds	5.7" D	T	3.1"		
TRENTO/TRIESTE	1928 (2)	34 kts (20)	347 DP	D	2.0"	8x21.0" (43)	(16x3.9"AA=38)
8x 8.0"/50 M3 (43)	7 (1300)	30,600 yds	10,500 ts	B	3.0"		
16x 3.9"/47 T2 (21)	16 (6000)	16,700 yds	636 ft	C	3.9"		
			2.9" B	T	2.5"	AC: 3 C: 1	
ZARA	1931 (4)	32 kts (24)	390 DP	D	2.8"		(16x3.9"AA=38)
8x 8.0"/53 M2 (48)	7 (1300)	34,500 yds	11,820 ts	B	5.9"		
16x 3.9"/47 T2 (24)	16 (6000)	16,700 yds	590 ft	C	5.9"		
			4.5" A	T	3.5"	AC: 2 C: 1	
BOLZANO	1933 (1)	34 kts (21)	365 DP	D	2.0"	8x21.0" (45)	(16x3.9"AA=38)
8x 8.0"/53 M2 (45)	7 (1440)	34,500 yds	11,065 ts	B	3.0"		
16x 3.9"/47 T2 (22)	16 (6000)	16,700 yds	636 ft	C	3.9"		
			2.9" A	T	2.5"	AC: 3 C: 1	
<u>LIGHT CRUISERS</u>							
CALABRIA	1895 (1)	14 kts (11)	82 DP	D	2.0"	2x17.7"* (41)	
4x 6.0"/40 P4 (20)	12 (400)	9,700 yds	2,492 ts				
6x 4.7"/40 S4 (13)	18 (600)	6,000 yds	249 ft		1.3" F		
LOMBARDIA	1891 (4)	16 kts (9)	75 DP			2x14.0"* (37)	
2x 6.0"/40 P4 (37)	10 (160)	7,900 yds	2,280 ts				
8x 4.7"/40 S4 (9)	18 (640)	6,000 yds	262 ft		1.0" F		
PUGLIA/ELBA	1895 (2)	18 kts (9)	89 DP			3x14.0"* (29)	
2x 6.0"/40 P4 (44)	12 (200)	9,700 yds	2,685 ts				
8x 4.7"/40 S4 (11)	18 (640)	6,000 yds	273 ft		1.0" F		
LIBIA	1912 (1)	22 kts (11)	125 DP	D	4.0"	2x18.0" (62)	
2x 6.0"/45 P3 (62)	8 (200)	15,900 yds	3,800 ts	C	2.0"		
8x 4.7"/50 S3 (15)	16 (800)	15,400 yds	340 ft		2.0" D		
QUARTO	1912 (1)	28 kts (7)	109 DP	D	1.6"	2x17.7" (54)	
6x 4.7"/50 P3 (18)	16 (600)	15,400 yds	3,300 ts				
6x 3.0"/45 U2 (18)	28 (600)	11,200 yds	413 ft		1.2" D		
MARSALA/NINO BIXIO	1913 (2)	28 kts (8)	116 DP	D	1.6"	2x17.7" (58)	
6x 4.7"/50 P3 (19)	16 (600)	15,400 yds	3,510 ts				
6x 3.0"/45 U2 (19)	28 (600)	11,200 yds	430 ft		1.2" D		
DA BARBIANO	1931 (4)	36 kts (9)	172 DP	C	1.6"	4x21.0" (43)	(6x3.9"AA=14)
8x 6.0"/53 P1 (21)	10 (1800)	24,700 yds	5,200 ts			60 mines	
6x 3.9"/47 T2 (28)	16 (2160)	16,700 yds	525 ft		1.2" B	AC: 2 C: 1	

CADORNA/DIAZ	1933 (2)	36 kts (10)	178 DP	B 1.7"	4x21.0" (44)	(6x3.9"AA=14)
8x 6.0"/53 P1 (22)	10 (1800)	24,700 yds	5,400 ts	C 2.0"	80 mines	(12x20mmAA=11)
6x 3.9"/47 T2 (29)	16 (2160)	16,700 yds	525 ft	1.4" A	AC: 2 C: 1	
MONTECUCCOLI	1935 (2)	36 kts (13)	249 DP	D 1.2"	4x21.0" (62)	(6x3.9"AA=14)
8x 6.0"/53 P1 (31)	10 (1680)	24,700 yds	7,550 ts	B 3.3"	96 mines	(8x37mmAA=17)
6x 3.9"/47 T2 (41)	16 (2160)	16,700 yds	577 ft	C 3.9"	AC: 2 C: 1	(12x20mmAA=11)
			2.6" A	T 1.9"		
DUCA D'AOSTA	1935 (2)	36 kts (16)	290 DP	D 1.4"	6x21.0" (48)	(6x3.9"AA=14)
8x 6.0"/53 P1 (36)	10 (1680)	24,700 yds	8,800 ts	B 4.1"	120 mines	(8x37mmAA=17)
6x 3.9"/47 T2 (48)	16 (2160)	16,700 yds	586 ft	C 3.9"	AC: 2 C: 1	(12x20mmAA=11)
			3.0" A	T 2.5"		
GARIBALDI	1937 (2)	34 kts (18)	315 DP	D 2.4"	6x21.0" (52)	(8x3.9"AA=19)
10x 6.0"/55 P1 (31)	9 (2250)	27,200 yds	9,550 ts	B 5.1"	100 mines	(8x37mmAA=17)
8x 3.9"/47 T2 (39)	16 (4000)	16,700 yds	586 ft	C 5.5"	AC: 2 C: 2	(10x20mmAA= 9)
			4.1" A	T 3.2"		
CAPITANI ROMANI	1942 (3)	42 kt (6)	124 DP		8x21.0" (15)	(8x37mmAA=17)
8x 5.3"/45 S3 (15)	12 (1440)	21,400 yds	3,747 ts	455 ft	70 mines	(8x20mmAA= 7)
				1.0" A		

DESTROYERS

LAMPO	1900 (5)	30 kts (2)	25 DP		2x18.0" (12)	
1x 3.0"/40 U4 (13)	26 (100)	6,800 yds	320 ts			
5x 2.2"/40 X1 (5)	40 (500)	5,000 yds				
NEMBO	1903 (6)	30 kts (2)	25 DP	208 ft	4x17.7" (6)	
4x 3.0"/40 U4 (6)	26 (400)	9,000 yds	380 ts		1,000nm/15	
CARABINIERI	1907 (11)	28 kts (2)	25 DP	211 ft	3x17.7" (8)	
4x 3.0"/40 U4 (6)	26 (400)	9,000 yds	390 ts		1,000nm/15	
ARDENTE	1912 (2)	34 kts (2)	25 DP	238 ft	2x17.7" (12)	
5x 4.0"/45 T3 (5)	20 (400)	13,000 yds	686 ts		1,520nm/15	
INDOMITO	1912 (6)	36 kts (2)	25 DP	238 ft	2x17.7" (12)	
5x 4.0"/45 T3 (5)	20 (400)	13,000 yds	690 ts		1,520nm/15	
ANIMOSO	1913 (2)	36 kts (2)	25 DP	245 ft	4x17.7" (6)	
5x 4.0"/45 T3 (5)	20 (400)	13,000 yds	700 ts		1,650nm/15	
ABBA	1914 (8)	32 kts (2)	25 DP	236 ft	4x17.7" (6)	
5x 4.0"/45 T3 (5)	20 (400)	13,000 yds	770 ts		1,700nm/15	
AUDACE	1917 (1)	34 kts (2)	32 DP	274 ft	4x17.7" (8)	
7x 4.0"/45 T3 (4)	16 (700)	16,000 yds	955 ts	10 mines	2,180nm/15	
SIRTORI	1917 (4)	32 kts (2)	25 DP	240 ft	4x17.7" (6)	
6x 4.0"/45 T3 (4)	16 (600)	16,000 yds	775 ts	10 mines	1,700nm/15	
LA MASA	1918 (8)	30 kts (2)	25 DP	240 ft	4x17.7" (6)	(2x3.0"AA= 3)
4x 4.0"/45 T3 (6)	16 (400)	16,000 yds	775 ts			
2x 3.0"/40 U3 (12)	20 (200)	11,000 yds				

PALESTRO	1921 (4)	32 kts (2)	28 DP	269 ft	4x17.7" (7)	(2x3.0"AA= 3)
4x 4.0"/45 T3 (7)	16 (400)	16,000 yds	862 ts	12 mines		
2x 3.0"/40 U3 (14)	20 (200)	11,000 yds				
GENERALI	1921 (6)	32 kts (2)	25 DP	241 ft	4x17.7" (6)	(2x3.0"AA= 3)
3x 4.0"/45 T3 (8)	16 (300)	16,000 yds	635 ts	16 mines		
2x 3.0"/40 U3 (12)	20 (200)	11,000 yds				
CURTATONE	1923 (4)	32 kts (2)	29 DP	279 ft	6x17.7" (4)	(2x3.0"AA= 3)
4x 4.0"/45 T3 (7)	16 (400)	16,000 yds	876 ts	16 mines		
2x 3.0"/40 U3 (14)	20 (400)	11,000 yds				
MIRABELLO	1916 (2)	30 kts (4)	60 DP	341 ft	4x17.7" (15)	
8x 4.0"/45 T3 (7)	16 (800)	16,000 yds	1,811 ts	100 mines		
LEONE	1924 (3)	32 kts (3)	58 DP	371 ft	4x21.0" (14)	(2x40mmAA= 4)
8x 4.7"/45 S4 (7)	10 (880)	18,000 yds	1,743 ts	60 mines		
SELLA	1929 (4)	34 kts (2)	32 DP	279 ft	4x21.0" (8)	(2x40mmAA= 4)
3x 4.7"/45 S4 (10)	10 (330)	18,000 yds	970 ts	32 mines		(2x13mmAA= 2)
SAURO	1927 (4)	34 kts (2)	35 DP	294 ft	6x21.0" (5)	(2x40mmAA= 4)
4x 4.7"/45 S4 (8)	10 (760)	18,000 yds	1,058 ts	52 mines		(2x13mmAA= 2)
TURBINE	1927 (8)	36 kts (2)	38 DP	305 ft	6x21.0" (6)	(2x40mmAA= 4)
4x 4.7"/45 S4 (9)	10 (760)	18,000 yds	1,152 ts	52 mines		(2x13mmAA= 2)
NAVIGATORI	1929 (12)	38 kts (3)	63 DP	351 ft	6x21.0" (11)	(2x40mmAA= 4)
4x 4.7"/50 S3 (15)	12 (900)	24,000 yds	1,909 ts	54 mines	14 DC	(4x13mmAA= 4)
DARDO	1931 (4)	38 kts (2)	40 DP	315 ft	6x21.0" (6)	(2x40mmAA= 4)
4x 4.7"/50 S3 (10)	12 (600)	24,000 yds	1,220 ts	54 mines	14 DC	(2x13mmAA= 2)
FOLGORE	1932 (4)	38 kts (2)	41 DP	315 ft	6x21.0" (6)	(2x37mmAA= 4)
4x 4.7"/50 S3 (10)	12 (600)	24,000 yds	1,238 ts	52 mines	14 DC	
MAESTRALE	1934 (4)	38 kts (2)	54 DP	351 ft	6x21.0" (9)	(3x37mmAA= 6)
4x 4.7"/50 S3 (13)	12 (600)	24,000 yds	1,641 ts	56 mines	28 DC	(6x20mmAA= 5)
ORIANI	1937 (4)	38 kts (3)	56 DP	350 ft	6x21.0" (9)	(2x37mmAA= 4)
4x 4.7"/50 S3 (14)	12 (600)	24,000 yds	1,686 ts	56 mines	28 DC	(8x20mmAA= 7)
SOLDATI 1 (ALPINO)	1938 (8)	38 kts (3)	56 DP	350 ft	6x21.0" (9)	(1x37mmAA= 2)
4x 4.7"/50 S3 (14)	12 (600)	23,700 yds	1,700 ts	48 mines	28 DC	(12x20mmAA=11)
CAMICIA NERA	1938 (4)	38 kts (3)	56 DP	350 ft	6x21.0" (9)	(1x37mmAA= 2)
5x 4.7"/50 S3 (11)	12 (875)	23,700 yds	1,700 ts	48 mines	14 DC	(8x20mmAA= 7)
SOLDATI 2	1942 (7)	38 kts (3)	60 DP	352 ft	6x21.0" (10)	(1x37mmAA= 2)
5x 4.7"/50 S3 (12)	12 (875)	23,700 yds	1,830 ts	48 mines	14 DC	(12x20mmAA=11)

AIRCRAFT CARRIERS

AQUILA	1943 (1)	30 kts (51)	770 DP	D 3.0"		(12x2.6"AA=17)
8x 5.3"/45 S3 (96)	12 (1920)	21,400 yds	23,344 ts	B 6.0"	AC: 36 C: 2	(82x20mmAA=74)
			679 ft	2.8" D		

JAPAN

BATTLESHIPS & BATTLECRUISERS

FUJI/YASHIMA	1897 (2)	18 kts (45)	412 DP	D 2.5"	5x18.0"* (82)
4x12.0"/40 H4 (103)	2 (320)	15,600 yds	12,490 ts	B 18.0"	4,000nm/10
10x 6.0"/40 P4 (41)	12 (1800)	9,700 yds	400 ft	C 14.0"	
			9.5" D	T 3.5"	
SHIKISHIMA	1901 (2)	18 kts (54)	490 DP	D 1.6"	4x18.0"* (122)
4x12.0"/40 H4 (122)	2 (320)	15,600 yds	14,850 ts	B 9.0"	5,000nm/10
14x 6.0"/45 P3 (35)	12 (2520)	13,500 yds	415 ft	C 14.0"	
20x 3.0"/40 U3 (24)	26 (4000)	9,000 yds	7.0" D	T 3.5"	
ASAHI/MIKASA	1900 (2)	18 kts (55)	502 DP	D 2.5"	4x18.0"* (125)
4x12.0"/40 H4 (125)	2 (320)	15,600 yds	15,200 ts	B 9.0"	9,000nm/10
14x 6.0"/45 P3 (35)	12 (2520)	13,500 yds	415 ft	C 14.0"	
20x 3.0"/40 U3 (25)	26 (4000)	9,000 yds	7.8" D	T 5.5"	
KASHIMA/KATORI	1906 (2)	18 kts (60)	541 DP	D 3.0"	5x18.0"* (108)
4x12.0"/45 H3 (135)	2 (400)	23,100 yds	16,400 ts	B 9.0"	12,000nm/11
4x10.0"/45 K1 (135)	2 (400)	17,700 yds	455 ft	C 9.0"	
12x 6.0"/45 P3 (45)	12 (1800)	13,500 yds	6.5" C	T 5.0"	
12x 3.0"/40 U3 (45)	26 (2400)	9,000 yds			
SATSUMA	1909 (1)	18 kts (70)	637 DP	D 3.0"	5x18.0"* (127)
4x12.0"/45 H3 (159)	2 (400)	23,100 yds	19,372 ts	B 9.0"	
12x10.0"/45 K1 (53)	2 (1200)	17,700 yds	479 ft	C 9.8"	
12x 4.7"/50 S2 (53)	16 (2400)	11,400 yds	6.8" C	T 5.3"	
AKI	1911 (1)	20 kts (65)	652 DP	D 3.0"	5x18.0"* (130)
4x12.0"/45 H3 (163)	2 (400)	23,100 yds	19,780 ts	B 9.0"	
12x10.0"/45 K1 (54)	2 (1200)	17,700 yds	483 ft	C 10.0"	
8x 6.0"/45 P3 (81)	12 (1600)	13,500 yds	6.8" C	T 5.3"	
12x 3.0"/45 U2 (54)	30 (2400)	9,200 yds			
KAWACHI/SETTSU	1912 (2)	20 kts (68)	687 DP	D 2.0"	
4x12.0"/50 H2 (171)	3 (400)	25,400 yds	10,823 ts	B 12.0"	2,700nm/18
8x12.0"/45 H3 (86)	3 (800)	23,100 yds	500 ft	C 10.0"	
10x 6.0"/50 P2 (68)	12 (2000)	14,300 yds	7.5" C	T 6.0"	
8x 4.7"/50 S2 (86)	16 (1600)	11,400 yds			
16x 3.0"/45 U2 (43)	30 (3600)	9,200 yds			
FUSO/YAMASHIRO	1915 (2)	22 kts (88)	968 DP	D 2.0"	6x21.0"* (161)
12x14.0"/45 E2 (80)	2 (1080)	29,700 yds	29,326 ts	B 12.0"	8,000nm/14
16x 6.0"/50 P2 (60)	12 (3200)	14,300 yds	665 ft	C 13.8"	
16x 3.0"/40 U3 (60)	30 (3200)	11,800 yds	9.0" C	T 8.3"	
ISE/HYUGA	1917 (2)	24 kts (82)	989 DP	D 2.2"	6x21.0"* (164)
12x14.0"/45 E2 (82)	2 (1080)	29,700 yds	29,980 ts	B 12.0"	9,680nm/14
20x 5.5"/50 Q1 (49)	12 (4800)	19,100 yds	675 ft	C 12.0"	
16x 3.0"/40 U3 (61)	30 (3200)	11,800 yds	8.6" C	T 8.3"	
KONGO	1913 (4)	28 kts (61)	866 DP	D 2.0"	8x21.0"* (108)
8x14.0"/45 E2 (108)	2 (720)	29,700 yds	26,230 ts	B 8.0"	8,000nm/14
16x 6.0"/50 P2 (54)	12 (3200)	14,300 yds	659 ft	C 10.0"	
12x 3.0"/40 U3 (72)	30 (2400)	11,800 yds	6.3" C	T 5.0"	

NAGATO/MUTSU	1920 (2)	26 kts (83)	1080 DP	D 2.5"	8x21.0"* (135)	(4x3.0"AA= 8)
8x16.0"/45 C2 (135)	2 (720)	32,200 yds	32,720 ts	B 11.8"	5,500nm/16	
20x 5.5"/50 Q1 (54)	12 (4800)	19,100 yds	699 ft	C 14.5"		
4x 3.0"/40 U3 (270)	30 (1440)	11,800 yds	9.1" C	T 7.5"		
YAMATO/MUSASHI	1941 (2)	28 kts (151)	2118 DP	D 9.0"		(12x5.0"AA=38)
9x18.1"/45 B1 (235)	3 (900)	46,000 yds	64,170 ts	B 16.1"	7,200nm/16	(24x25mmAA=34)
12x 6.1"/60 N1 (176)	10 (3600)	30,000 yds	839 ft	C 20.0"	AC: 7 C: 2	(4x13mmAA= 4)
12x 5.0"/40 S4 (176)	20 (4320)	16,200 yds	15.8" A	T 18.1"		
<u>HEAVY & ARMORED CRUISERS</u>						
ASAMA/TOKIWA	1899 (2)	22 kts (29)	320 DP	D 2.5"	5x18.0"* (64)	
4x 8.0"/40 M5 (80)	4 (400)	14,800 yds	9,700 ts	B 7.0"	10,200nm/10	
14x 6.0"/40 P4 (22)	12 (1400)	9,700 yds	416 ft	C 14.0"		
12x 3.0"/40 U3 (26)	26 (1200)	9,000 yds	6.8" D	T 3.5"		
AZUMA	1900 (1)	22 kts (27)	306 DP	D 2.5"	5x18.0"* (61)	
4x 8.0"/40 M5 (76)	4 (400)	14,800 yds	9,278 ts	B 7.0"	7,000nm/10	
12x 6.0"/40 P4 (25)	12 (1200)	9,700 yds	436 ft	C 14.0"		
12x 3.0"/40 U3 (25)	26 (1200)	9,000 yds	6.8" C	T 3.7"		
YAKUMO	1900 (1)	20 kts (32)	321 DP	D 2.5"	5x18.0"* (64)	
4x 8.0"/40 M5 (80)	4 (400)	14,800 yds	9,735 ts	B 7.0"	7,000nm/10	
12x 6.0"/40 P4 (26)	12 (1200)	11,200 yds	418 ft	C 14.0"		
12x 3.0"/40 U3 (26)	26 (1200)	9,000 yds	6.8" C	T 3.7"		
IZUMO/IWATE	1901 (2)	20 kts (32)	322 DP	D 2.5"	5x18.0"* (64)	
4x 8.0"/40 M5 (80)	4 (400)	14,800 yds	9,750 ts	B 7.0"	7,000nm/10	
14x 6.0"/40 P4 (23)	12 (1400)	11,200 yds	420 ft	C 14.0"		
12x 3.0"/40 U3 (26)	26 (1200)	9,000 yds	6.8" C	T 3.5"		
KASUGA	1904 (1)	20 kts (24)	244 DP	D 1.5"	4x18.0"* (61)	
1x10.0"/45 K1 (122)	4 (100)	18,200 yds	7,400 ts	B 6.0"	5,500nm/10	
2x 8.0"/45 M4 (122)	4 (200)	16,000 yds	344 ft	C 14.0"		
14x 6.0"/40 P4 (17)	12 (1400)	9,700 yds	4.3" D	T 3.5"		
NISSHIN	1904 (1)	20 kts (24)	244 DP	D 1.5"	4x18.0"* (61)	
4x 8.0"/45 M4 (61)	4 (400)	16,000 yds	7,400 ts	B 6.0"	5,500nm/10	
14x 6.0"/40 P4 (17)	12 (1400)	11,200 yds	344 ft	C 14.0"		
10x 3.0"/40 U3 (24)	26 (2000)	9,000 yds	4.3" D	T 3.5"		
TSUKUBA/IKOMA	1907 (2)	20 kts (45)	453 DP	D 2.0"	3x18.0"* (151)	
4x12.0"/45 H3 (113)	3 (400)	23,100 yds	13,728 ts	B 7.0"		
12x 6.0"/45 P3 (37)	10 (1200)	13,500 yds	445 ft	C 8.0"		
12x 4.7"/50 S2 (37)	16 (2400)	11,400 yds	5.3" C	T 4.0"		
6x 3.0"/45 U2 (75)	30 (1200)	9,200 yds				
KURAMA/IBUKI	1909 (2)	22 kts (44)	483 DP	D 2.0"	3x18.0"* (161)	
4x12.0"/45 H3 (120)	4 (400)	23,100 yds	14,636	B 7.0"		
8x 8.0"/45 M4 (60)	4 (960)	16,000 yds	451 ft	C 8.0"		
14x 4.7"/50 S2 (34)	16 (2800)	11,400 yds	5.3" C	T 4.0"		
8x 3.0"/40 U3 (60)	30 (1600)	11,800 yds				
FURUTAKA/KAKO	1926 (2)	34 kts (15)	264 DP	D 3.3"	12x24.0" (22)	(4x3.0"AA= 8)
6x 7.9"/50 M3 (44)	2 (720)	21,900 yds	8,000 ts	B 3.0"	5,400nm/14	
4x 3.0"/40 U3 (66)	30 (1440)	11,800 yds	602 ft	2.1" B	AC: 1	

AOBA/KINUGASA	1927 (2)	34 kts (15)	264 DP	D 3.3"	12x24.0" (22)	(4x4.7"AA=12)
6x 7.9"/50 M3 (44)	4 (720)	29,200 yds	8,000 ts	B 3.0"	6,400nm/14	
4x 4.7"/45 S4 (66)	20 (1200)	17,100 yds	602 ft	2.1" B	AC: 1 C: 1	
MYOKO	1928 (4)	34 kts (21)	362 DP	D 4.3"	12x24.0" (30)	(6x4.7"AA=18)
10x 7.9"/50 M3 (36)	4 (1200)	29,200 yds	10,980 ts	B 4.0"	5,300nm/14	
6x 4.7"/45 S4 (60)	20 (1800)	17,100 yds	662 ft	2.6" B	AC: 1 C: 1	
TAKAO	1932 (4)	34 kts (22)	376 DP	D 4.8"	8x24.0" (47)	(4x4.7"AA=12)
10x 8.0"/50 M3 (37)	5 (1200)	32,200 yds	11,400 ts	B 4.0"	7,000nm/14	(2x40mmAA= 5)
4x 4.7"/45 S4 (94)	20 (1200)	17,100 yds	662 ft	2.7" A	AC: 3 C: 2	
MOGAMI/MIKUMA	1935 (2)	36 kts (19)	354 DP	D 1.6"	12x24.0" (29)	(15x6.1"AA=52)
15x 6.1"/60 N1 (23)	10 (3000)	30,000 yds	10,738 ts	B 5.2"	8,000nm/14	(8x5.0"AA=26)
8x 5.0"/40 S4 (44)	20 (2880)	16,200 yds	646 ft	2.2" A	AC: 3 C: 2	(4x40mmAA= 9)
SUZUYA/KUMANO	1937 (2)	36 kts (20)	370 DP	D 1.6"	12x24.0" (30)	(15x6.1"AA=52)
15x 6.1"/60 N1 (24)	10 (3000)	30,000 yds	11,200 ts	B 5.2"	7,600nm/14	(8x5.0"AA=26)
8x 5.0"/40 S4 (46)	20 (2880)	16,200 yds	649 ft	2.2" A	AC: 3 C: 2	(8x25mmAA=11)
						(4x13mmAA= 4)
TONE/CHIKUMA	1938 (2)	36 kts (20)	370 DP	D 2.2"	12x24.0" (30)	(8x5.0"AA=26)
8x 8.0"/50 M3 (46)	5 (960)	32,200 yds	11,215 ts	B 5.7"	8,650nm/18	(12x25mmAA=17)
8x 5.0"/40 S4 (46)	20 (2880)	16,200 yds	649 ft	2.5" A	AC: 5 C: 2	(4x13mmAA= 4)

LIGHT CRUISERS

AKITSUSHIMA	1893 (1)	18 kts (11)	102 DP	D 3.0"	4x15.0"* (25)	
1x12.6"/38 H5 (51)	1 (50)	9,800 yds	3,100 ts			
12x 4.7"/42 S4 (8)	16 (600)	6,000 yds	301 ft	1.3" E		
YOSHINO	1893 (1)	22 kts (12)	137 DP	D 4.5"	5x14.0"* (27)	
4x 6.0"/40 P4 (34)	12 (400)	9,700 yds	4,150 ts	C 4.0"	9,000nm/10	
8x 4.7"/40 S4 (17)	18 (800)	6,000 yds	342 ft	T 1.2"	2.7" D	
SUMA/AKASHI	1896 (2)	20 kts (9)	89 DP	D 2.0"	2x15.0"* (44)	
2x 6.0"/40 P4 (44)	12 (160)	9,700 yds	2,710 ts		12,000nm/10	
6x 4.7"/40 S4 (14)	18 (600)	6,000 yds	306 ft	1.3" D		
TAKASAGO	1898 (1)	24 kts (11)	137 DP	D 4.5"	5x18.0"* (27)	
2x 8.0"/40 M5 (68)	4 (160)	14,800 yds	4,160 ts	C 4.5"	5,500nm/10	
10x 4.7"/40 S4 (13)	18 (800)	9,000 yds	363 ft	T 2.8"		
12x 3.0"/40 U3 (11)	26 (1200)	9,000 yds	3.2" D			
KASAGI/CHITOSE	1898 (2)	22 kts (14)	158 DP	D 4.5"	5x18.0"* (31)	
2x 8.0"/45 M4 (79)	4 (200)	16,000 yds	4,808 ts	C 4.0"	4,200nm/11	
10x 4.7"/40 S4 (15)	18 (800)	9,000 yds	382 ft	T 2.8"		
12x 3.0"/40 U3 (13)	26 (1200)	9,000 yds	3.1" D			
NIITAKA/TSUSHIMA	1904 (2)	20 kts (10)	103 DP	D 2.5"		
6x 6.0"/40 P4 (17)	12 (600)	11,200 yds	3,120 ts	C 4.0"	4,000nm/10	
10x 3.0"/40 U3 (10)	26 (1000)	9,000 yds	339 ft	2.1" C		
OTOWA	1904 (1)	20 kts (9)	92 DP	D 3.0"	2x18.0" (46)	
2x 6.0"/50 P2 (46)	12 (220)	14,300 yds	2,804 ts	C 4.0"	7,000nm/10	
6x 4.7"/40 S4 (15)	18 (600)	9,000 yds	328 ft	T 1.3"		
4x 3.0"/40 U3 (23)	26 (800)	9,000 yds	2.3" D			

TONE	1910 (1)	24 kts (10)	124 DP	D 3.0"	3x18.0" (41)	
2x 6.0"/50 P2 (62)	12 (220)	14,300 yds	3,760 ts	C 4.0"	7,340nm/10	
10x 4.7"/50 S2 (12)	16 (1000)	11,400 yds	373 ft	2.3" C		
YODO/MOGAMI	1908 (2)	22 kts (3)	41 DP	D 2.5"	2x18.0" (20)	
2x 4.7"/50 S2 (20)	16 (260)	11,400 yds	1,250 ts	C 2.0"	3,600nm/10	
4x 3.0"/45 U2 (13)	30 (400)	9,800 yds	285 ft	1.6" C		
CHIKUMA	1912 (3)	26 kts (11)	145 DP	D 2.0"	3x18.0" (48)	
8x 6.0"/50 P2 (18)	12 (800)	11,400 yds	4,400 ts	B 3.0"	9,850nm/10	
4x 3.0"/40 U3 (36)	30 (400)	11,800 yds	460 ft	C 4.0"	2.5" C	
TENRYU/TATSUTA	1919 (2)	32 kts (6)	107 DP	D 1.5"	6x21.0" (17)	(1x3.0"AA= 2)
4x 5.5"/50 P2 (26)	14 (960)	19,100 yds	3,230 ts	B 2.0"	6,200nm/10	
1x 3.0"/40 U3 (54)	30 (230)	11,800 yds	457 ft	1.4" C		
KUMA	1920 (5)	36 kts (10)	186 DP	D 1.2"	8x21.0" (23)	(2x3.0"AA= 4)
7x 5.5"/50 P2 (26)	14 (1680)	19,100 yds	5,622 ts	B 2.4"	4,800nm/17	
2x 3.0"/40 U3 (93)	30 (460)	11,800 yds	520 ft	C 2.0"	1.7" C	
NAGARA	1922 (6)	36 kts (10)	188 DP	D 1.2"	8x21.0" (23)	(2x3.0"AA= 4)
7x 5.5"/50 P2 (26)	14 (1680)	19,100 yds	5,700 ts	B 2.4"	9,000nm/10	
2x 3.0"/40 U3 (94)	30 (460)	11,800 yds	520 ft	C 2.0"	1.7" C	
SENDAI	1924 (3)	36 kts (10)	186 DP	D 2.0"	8x21.0" (23)	(2x3.0"AA= 4)
7x 5.5"/50 P2 (26)	14 (1680)	20,900 yds	5,650 ts	B 2.5"	7,850nm/10	
2x 3.0"/40 U3 (94)	30 (460)	11,800 yds	520 ft	C 2.0"	1.9" C	
YUBARI	1923 (1)	36 kts (5)	95 DP	B 2.0"	4x21.0" (23)	(1x3.0"AA= 2)
6x 5.5"/50 P2 (15)	14 (1440)	20,900 yds	2,890 ts		5,500nm/10	
1x 3.0"/40 U3 (47)	30 (230)	11,800 yds	450 ft	1.3" C		
KATORI	1940 (3)	18 kts (21)	194 DP	D 2.0"	4x21.0" (48)	(2x5.0"AA= 6)
4x 5.5"/50 P2 (48)	14 (960)	20,900 yds	5,890 ts			(4x25mmAA= 6)
2x 5.0"/40 S4 (97)	20 (720)	16,200 yds	425 ft	1.3" A	AC: 1 C: 1	
AGANO	1942 (4)	34 kts (13)	220 DP	B 2.4"	8x24.0" (27)	(6x6.1"AA=21)
6x 6.1"/60 P2 (36)	10 (1200)	30,000 yds	6,652 ts		6,300nm/18	(4x3.0"AA= 9)
4x 3.0"/60 U1 (55)	40 (2400)	14,800 yds	563 ft	1.4" A	AC: 2 C: 1	(32x25mmAA=45)
					16 DC	
OYODO	1943 (1)	36 kts (15)	269 DP	D 1.8"		(6x6.1"AA=21)
6x 6.1"/60 P2 (44)	10 (1200)	30,000 yds	8,164 ts	B 2.0"	10,600nm/10	(8x3.9"AA=20)
8x 3.9"/65 T1 (33)	22 (4800)	20,900 yds	618 ft	T 1.9"	AC: 2 C: 1	(12x25mmAA=17)
			1.7" A			

DESTROYERS

IKAZUCHI	1899 (6)	30 kts (2)	25 DP	222 ft	2x18.0" (12)	
2x 3.0"/40 U3 (12)	26 (220)	9,000 yds	305 ts			
4x 2.2"/40 X1 (6)	40 (600)	5,000 yds				
MURAKUMO/HARUSAME	1899 (17)	30 kts (2)	25 DP	210 ft	2x18.0" (12)	
2x 3.0"/40 U3 (12)	26 (220)	9,000 yds	298 ts		1,200nm/10	
4x 2.2"/40 X1 (6)	40 (600)	5,000 yds				
ASAKAZE	1906 (32)	30 kts (2)	25 DP	229 ft	2x18.0" (12)	
6x 3.0"/40 U3 (4)	26 (660)	9,000 yds	381 ts		1,200nm/15	

KABA/SAKURA	1912 (12)	30 kts (2)	25 DP	270 ft	4x18.0" (6)	
1x 4.7"/40 S4 (13)	18 (120)	9,000 yds	665 ts		1,650 nm/10	
4x 3.0"/45 U2 (6)	30 (440)	9,200 yds				
MOMO/ENOKI	1917 (10)	32 kts (2)	28 DP	281 ft	6x18.0" (4)	
3x 4.7"/40 S4 (9)	18 (300)	9,000 yds	850 ts		2,400nm/15	
2x 3.0"/45 U2 (14)	30 (440)	9,200 yds				
MOMI	1919 (21)	36 kts (2)	28 DP	280 ft	4x21.0" (7)	
3x 4.7"/45 S4 (9)	16 (480)	16,200 yds	850 ts		3,000nm/15	
2x 3.0"/45 U2 (14)	30 (440)	9,200 yds				
WAKATAKE	1922 (12)	36 kts (2)	29 DP	280 ft	4x21.0" (7)	
3x 4.7"/45 S4 (9)	16 (480)	16,200 yds	886 ts		3,000nm/15	
2x 3.0"/45 U2 (14)	30 (440)	9,200 yds				
UMIKAZE/YAMAKAZE	1911 (2)	34 kts (2)	34 DP	321 ft	4x18.0" (8)	
2x 4.7"/40 T2 (17)	18 (320)	9,000 yds	1,030 ts		2,700nm/15	
5x 3.0"/45 U2 (6)	30 (800)	9,200 yds				
URAKAZE/KAWAKAZE	1914 (2)	28 kts (2)	27 DP	284 ft	4x18.0" (6)	
1x 4.7"/45 S4 (14)	16 (160)	16,200 yds	810 ts		1,800nm/15	
4x 3.0"/45 U2 (6)	30 (880)	9,200 yds				
AMATSUKAZE	1916 (4)	34 kts (2)	36 DP	317 ft	6x18.0" (6)	
4x 4.7"/40 T2 (9)	18 (640)	9,000 yds	1,105 ts		4,000nm/15	
2x 3.0"/45 U2 (18)	30 (440)	9,200 yds				
TANIKAZE/KAWAKAZE	1918 (2)	38 kts (2)	39 DP	326 ft	6x21.0" (6)	
3x 4.7"/45 S4 (13)	16 (480)	16,200 yds	1,180 ts		4,000nm/15	
2x 3.0"/45 U2 (19)	30 (440)	9,200 yds				
MINEKAZE	1919 (15)	38 kts (2)	40 DP	326 ft	6x21.0" (6)	
4x 4.7"/45 S4 (10)	16 (640)	16,200 yds	1,215 ts	20 mines	3,600nm/14	
KAMIKAZE	1922 (9)	38 kts (2)	42 DP	327 ft	6x21.0" (7)	
4x 4.7"/45 S4 (10)	16 (640)	16,200 yds	1,270 ts		3,600nm/14	
2x 3.0"/45 U2 (21)	30 (440)	9,200 yds				
MUTSUKI	1925 (12)	38 kts (2)	43 DP	338 ft	6x24.0" (7)	
4x 4.7"/45 S4 (10)	16 (640)	16,200 yds	1,315 ts	16 mines	4,000nm/15	
2x 3.0"/45 U2 (21)	30 (440)	9,200 yds		18 DC		
FUBUKI	1928 (10)	38 kts (3)	58 DP	378 ft	9x24.0" (6)	(2x13mmAA= 2)
6x 5.0"/50 S2 (9)	18 (1200)	17,400 yds	1,750 ts	18 mines	4,700nm/15	
				18 DC		
AKEBONO	1931 (10)	38 kts (3)	58 DP	378 ft	9x24.0" (6)	(6x5.0"AA=19)
6x 5.0"/40 S4 (9)	20 (1200)	16,200 yds	1,750 ts	18 mines	4,700nm/15	(2x13mmAA= 2)
				18 DC		
AKATSUKI	1932 (4)	38 kts (3)	55 DP	371 ft	9x24.0" (6)	(6x5.0"AA=19)
6x 5.0"/40 S4 (9)	20 (1500)	16,200 yds	1,680 ts	14 DC	4,600nm/15	(2x13mmAA= 2)
HATSUHARU	1933 (6)	36 kts (2)	49 DP	346 ft	9x24.0" (5)	(5x5.0"AA=16)
5x 5.0"/40 S4 (10)	20 (1250)	16,200 yds	1,490 ts	36 DC	6,000nm/15	(2x13mmAA= 2)
SHIRATSUYU	1936 (10)	34 kts (2)	56 DP	352 ft	8x24.0" (7)	(5x5.0"AA=16)
5x 5.0"/40 S4 (11)	20 (1250)	16,200 yds	1,685 ts	36 DC	6,000nm/15	(4x25mmAA= 6)
						(2x13mmAA= 2)

ASASHIO 6x 5.0"/50 S2 (10)	1937 (10) 20 (1500)	34 kts (3) 19,000 yds	65 DP 1,961 ts	377 ft 16 DC	8x24.0" (8) 6,000nm/15	(6x5.0"AA=16) (4x25mmAA= 6)
KAGERO 6x 5.0"/50 S2 (11)	1939 (18) 20 (1500)	36 kts (3) 19,000 yds	67 DP 2,033 ts	381 ft 16 DC	8x24.0" (8) 5,000nm/18	(6x5.0"AA=16) (4x25mmAA= 6)
YUGUMO 6x 5.0"/50 S2 (11)	1941 (20) 20 (1500)	36 kts (3) 19,000 yds	69 DP 2,077 ts	383 ft 36 DC	8x24.0" (8)	(6x5.0"AA=16) (4x25mmAA= 6)
SHIMAKAZE 6x 5.0"/50 S2 (14)	1943 (1) 20 (1800)	40 kts (4) 19,000 yds	85 DP 2,567 ts	413 ft 18 DC	15x24.0"(5) 1,400nm/30	(6x5.0"AA=16) (6x25mmAA= 8)
AKITSUKI 8x 3.9"/65 T1 (11)	1942 (13) 22 (3200)	34 kts (5) 20,900 yds	89 DP 2,701 ts	433 ft 72 DC	4x24.0" (22) 8,300nm/18	(8x3.9"AA=18) (4x25mmAA= 6)
MATSU 3x 5.0"/40 S4 (13)	1944 (18) 20 (900)	28 kts (3) 16,200 yds	41 DP 1,262 ts	321 ft 36 DC	4x24.0" (10) 4,680nm/16	(3x5.0"AA=10) (24x25mmAA=34)

AIRCRAFT CARRIERS

HOSHO 4x 5.5"/40 P4 (61)	1922 (1) 14 (880)	24 kts (20) 16,500 yds	247 DP 7,470 ts 541 ft		1.0" C	8,000nm/15 AC: 18
AKAGI 4x 7.9"/50 M3 (222) 6x 7.9"/50 M3 (148) 12x 4.7"/45 S4 (74)	1927 (1) 4 (640) 4 (960) 20 (4320)	32 kts (55) 30,600 yds 21,900 yds 17,100 yds	888 DP 26,900 ts 816 ft 3.3" C		B 10.0"	(12x4.7"AA=36) 8,000nm/14 AC: 60
KAGA 4x 7.9"/50 M3 (214) 6x 7.9"/50 M3 (143) 12x 4.7"/45 S4 (71)	1926 (1) 4 (640) 4 (960) 20 (4320)	28 kts (61) 30,600 yds 21,900 yds 17,100 yds	858 DP 26,000 ts 771 ft 3.5" C		B 11.0"	(12x4.7"AA=36) 8,000nm/14 AC: 60
RYUJO 12x 5.0"/40 S4 (22)	1931 (1) 20 (4320)	30 kts (17) 16,200 yds	264 DP 8,000 ts 575 ft		1.0" B	(12x5.0"AA=38) 10,000nm/14 AC: 48
SORYU 12x 5.0"/40 S4 (43)	1937 (1) 20 (4320)	34 kts (30) 16,200 yds	525 DP 15,900 ts 729 ft		1.0" A	(12x5.0"AA=38) 7,750nm/18 AC: 71
HIRYU 12x 5.0"/40 S4 (47)	1939 (1) 20 (4320)	34 kts (33) 16,200 yds	571 DP 17,300 ts 731 ft		1.0" A	(12x5.0"AA=38) 10,330nm/18 AC: 73
ZUIHO/SHOHO 8x 5.0"/40 S4 (46)	1940 (2) 20 (2880)	28 kts (26) 16,200 yds	372 DP 11,262 ts 660 ft		1.0" B	(8x5.0"AA=26) (8x25mmAA=11) AC: 30
SHOKAKU/ZUIKAKU 16x 5.0"/40 S4 (53)	1941 (2) 20 (5760)	34 kts (49) 16,200 yds	847 DP 25,675 ts 820 ft	D 6.2" B 6.5" 3.7" A		(16x5.0"AA=51) (42x25mmAA=59) AC: 84
HIYO/JUNYO 12x 5.0"/40 S4 (199)	1942 (2) 20 (4320)	26 kts (61) 16,200 yds	797 DP 24,140 ts 706 ft		1.0" A	(12x5.0"AA=38) (24x25mmAA=34) AC: 53

TAIHO 12x 3.9"/65 T1 (80)	1944 (1) 22 (7200)	32 kts (60) 20,900 yds	967 DP 29,300 ts 830 ft	D 3.9" B 6.5" 3.1" A	8,000nm/18 AC: 52	(12x3.9"AA=28) (71x25mmAA=99)
SHINANO 16x 5.0"/40 S4 (133)	1944 (1) 20 (7200)	28 kts (152) 16,200 yds	2138 DP 64,800 ts 839 ft	D 3.1" B 8.1" H 4.0"	4.1" A 10,000nm/18 AC: 47	(16x5.0"AA=51) (145x25mmAA=203)
UNRYU 12x 5.0"/40 S4 (47)	1944 (3) 20 (5400)	34 kts (33) 16,200 yds	570 DP 17,260 ts 731 ft	D 2.2" B 5.9" 2.5" A	8,000nm/18 AC: 65	(12x 5.0"AA=38) (51x25mmAA=71)
TAIYO 8x 4.7"/45 S4 (73)	1941 (3) 20 (3600)	22 kts (53) 16,200 yds	588 DP 17,830 ts 569 ft	1.0" A	6,500nm/18 AC: 27	(8x4.7"AA=24) (8x25mmAA=11)
KAIYO 8x 5.0"/40 S4 (56)	1943 (1) 20 (2880)	24 kts (37) 16,200 yds	449 DP 13,600 ts 523 ft	1.0" A	AC: 24	(8x5.0"AA=26) (24x25mmAA=34)
SHINYO 8x 5.0"/40 S4 (72)	1943 (1) 20 (2880)	22 kts (52) 16,200 yds	578 DP 17,500 ts 621 ft	1.0" A	AC: 33	(8x5.0"AA=26) (30x25mmAA=42)
CHITOSE/CHIYODA 4x 5.0"/40 S4 (91)	1938 (2) 20 (1440)	28 kts (26) 16,200 yds	364 DP 11,023 ts 603 ft	1.0" A	8,000nm/18 AC: 24 C: 4	(4x5.0"AA=13) (12x25mmAA=17)

NETHERLANDS

BATTLESHIPS

K.W. DER NEDERLANDEN 1x11.0"/35 K2 (76) 1x 8.2"/35 M6 (76) 2x 6.8"/22 P5 (76) 4x 3.0"/40 U3 (38)	1894 (1) 2 (100) 3 (100) 9 (200) 24 (600)	14 kts (21) 13,000 yds 12,200 yds 7,900 yds 5,500 yds	152 DP 4,607 ts 328 ft 5.3" D	D 3.0" C 11.0" T 6.0"	4x14.0"* (38)
EVERSTEN 3x 8.2"/35 M6 (38) 2x 6.0"/32 P5 (58) 6x 3.0"/40 U3 (19)	1896 (3) 3 (300) 10 (220) 24 (900)	16 kts (14) 13,200 yds 8,800 yds 5,500 yds	116 DP 3,520 ts 284 ft 5.3" D	D 2.2" B 6.0" C 9.5" T 3.5"	2x18.0"* (58)
DE RUYTER 2x 9.4"/40 L2 (81) 4x 5.9"/40 P4 (40) 8x 3.0"/40 U3 (20)	1901 (3) 4 (220) 12 (440) 30 (1200)	16 kts (20) 17,000 yds 12,000 yds 5,500 yds	163 DP 4,948 ts 312 ft 5.1" C	D 2.0" B 6.0" C 10.0" T 2.5"	3x18.0"* (54)
TROMP 2x 9.4"/40 L2 (87) 4x 5.9"/40 P4 (43) 10x 3.0"/40 U3 (17)	1907 (1) 4 (220) 12 (600) 30 (1200)	16 kts (21) 17,000 yds 12,000 yds 5,500 yds	175 DP 5,301 ts 331 ft 5.1" C	D 2.0" B 6.0" C 10.0" T 2.5"	3x18.0"* (58)

HEEMSKERCK	1908 (1)	16 kts (21)	171 DP	D 2.0"	3x18.0"* (57)
2x 9.4"/45 L1 (85)	4 (220)	17,800 yds	5,182 ts	B 8.0"	
6x 5.9"/40 P4 (28)	12 (900)	12,000 yds	318 ft	C 6.0"	
6x 3.0"/40 U3 (28)	30 (900)	5,500 yds	4.7" C	T 2.8"	
ZEVEN PROVINCIE	1911 (1)	16 kts (26)	215 DP	D 2.0"	2x18.0"* (107)
2x11.0"/40 J4 (107)	3 (220)	20,600 yds	6,522 ts	B 6.0"	
4x 5.9"/40 P4 (53)	12 (880)	12,000 yds	339 ft	C 9.8"	
10x 3.4"/45 U2 (21)	20 (1500)	12,200 yds	5.7" C	T 5.0"	

CRUISERS

GELDERLAND	1898 (6)	20 kts (13)	130 DP	D 2.0"	2x18.0"* (65)
2x 5.9"/40 P4 (65)	12 (220)	12,000 yds	3,930 ts	C 4.0"	
6x 4.7"/40 T2 (21)	18 (660)	9,000 yds	312 ft	T 3.5"	
4x 3.0"/40 U3 (32)	30 (800)	5,500 yds	2.6" D		
DE RUYTER	1938 (1)	32 kts (13)	213 DP	D 1.4"	(10x40mmAA=25)
7x 5.9"/50 P2 (30)	12 (1400)	18,800 yds	6,470 ts	B 2.4"	5,000nm/12
			551 ft	1.5" A	AC: 2 C: 1
JAVA/SUMATRA	1925 (2)	32 kts (13)	220 DP	D 2.0"	(2x40mmAA= 5)
10x 5.9"/50 P2 (22)	12 (2000)	18,800 yds	6,670 ts	B 3.0"	4,800nm/12
			518 ft	C 4.9"	AC: 1
			3.1" B	T 2.5"	12 mines

DESTROYERS

FRET	1910 (8)	30 kts (2)	25 DP	230 ft	2x18.0" (12)
4x 3.0"/40 U3 (6)	18 (320)	5,500 yds	485 ts		
KORTENAER	1927 (4)	34 kts (2)	43 DP	318 ft	6x21.0" (7) (2x3.0"AA= 4)
4x 4.7"/45 T2 (10)	16 (760)	16,200 yds	1,316 ts	24 DC	3,200nm/15
2x 3.0"/50 U1 (21)	32 (600)	15,300 yds		24 mines	AC: 1
VAN NES	1929 (4)	36 kts (2)	43 DP	318 ft	6x21.0" (7) (1x3.0"AA= 2)
4x 4.7"/45 T2 (10)	16 (760)	16,200 yds	1,316 ts	24 DC	3,300nm/15 (4x40mmAA=10)
1x 3.0"/50 U1 (21)	32 (300)	15,300 yds			AC: 1

NORWAY

BATTLESHIPS

TORDENSKJOLD	1898 (2)	16 kts (15)	127 DP	D 2.0"	2x18.0"*(63)
2x 8.2"/45 M4 (63)	4 (260)	14,200 yds	3,858 ts	B 7.0"	
6x 4.7"/44 T2 (21)	18 (660)	9,800 yds	286 ft	C 6.0"	
6x 3.0"/40 U3 (21)	30 (1200)	5,000 yds	4.9" D	T 4.5"	
NORGE	1901 (2)	16 kts (17)	137 DP	D 2.0"	2x18.0"*(68)
2x 8.2"/45 M4 (68)	4 (260)	14,200 yds	4,166 ts	B 6.0"	
6x 5.9"/45 P3 (22)	14 (900)	11,800 yds	296 ft	C 6.0"	
8x 3.0"/40 U3 (17)	30 (1600)	5,000 yds	4.6" C	T 4.5"	

DESTROYERS

VALKYRIEN	1897 (1)	24 kts (2)	25 DP	190 ft	2x18.0" (12)
4x 3.0"/40 U3 (6)	30 (400)	5,000 yds	410 ts		
GARM	1908 (3)	28 kts (2)	25 DP	227 ft	3x18.0" (8)
6x 3.0"/40 U3 (4)	30 (600)	5,000 yds	540 ts		

RUSSIABATTLESHIPS & BATTLECRUISERS

SISSOI VELIKI	1896 (1)	14 kts (49)	343 DP	D 1.8"	
4x12.0"/38 H4 (85)	2 (320)	14,200 yds	10,402 ts	B 16.0"	
6x 6.0"/44 P3 (57)	10 (600)	9,500 yds		C 10.0"	
			8.6" E	T 6.5"	
NAVARIN	1896 (1)	14 kts (48)	336 DP	D 3.0"	
4x12.0"/32 H5 (84)	2 (320)	13,000 yds	10,168 ts	B 16.0"	
8x 6.0"/34 P5 (42)	10 (800)	8,800 yds		C 10.0"	
			8.9" E	T 6.5"	
IMP. ALEKSANDR II	1891 (2)	16 kts (34)	279 DP	D 2.5"	6x14.0"* (46)
2x12.0"/30 H5 (139)	2 (200)	11,900 yds	8,446 ts	B 14.0"	3,985nm/10
4x 9.0"/35 L3 (69)	3 (400)	10,600 yds	331 ft	C 10.0"	
8x 6.0"/34 P5 (34)	10 (800)	8,800 yds	8.0" E	T 5.5"	
IMP EKATERINA II	1889 (4)	16 kts (42)	337 DP	D 2.5"	7x14.0"* (48)
6x12.0"/32 H5 (56)	2 (480)	13,000 yds	10,205 ts	B 16.0"	2,000nm/10
7x 6.0"/34 P5 (48)	10 (700)	8,800 yds	339 ft	C 12.0"	
			8.0" F	T 1.5"	
DVIENADTSAT APOSTOLOV	1892 (1)	16 kts (35)	282 DP	D 2.5"	6x14.0"* (47)
4x12.0"/32 H5 (70)	2 (400)	13,000 yds	8,560 ts	B 14.0"	
4x 6.0"/34 P5 (70)	10 (600)	8,800 yds	330 ft	C 12.0"	
			7.6" F	T 2.0"	
TRI SVIATITELIA	1895 (1)	16 kts (51)	414 DP	D 3.0"	2x18.0"* (207)
4x12.0"/38 H4 (103)	2 (400)	14,200 yds	12,540 ts	B 18.0"	3,980nm/10
8x 6.0"/44 P3 (51)	10 (800)	9,500 yds	370 ft	C 12.0"	
4x 4.7"/45 S4 (103)	18 (600)	6,000 yds	10.4" E	T 8.5"	
ADMIRAL SENYAVIN	1895 (2)	16 kts (17)	137 DP	D 3.0"	4x18.0"* (34)
4x10.0"/43 K1 (34)	2 (300)	13,000 yds	4,165 ts	B 10.0"	3,000nm/10
4x 4.7"/45 S4 (34)	18 (600)	6,000 yds	277 ft	C 8.0"	
			6.4" E	T 4.5"	
ADMIRAL APRAKXIN	1898 (1)	16 kts (17)	136 DP	D 3.0"	4x18.0"* (34)
3x10.0"/43 K1 (45)	2 (300)	13,000 yds	4,126 ts	B 10.0"	3,000nm/10
4x 4.7"/45 S4 (34)	18 (600)	6,000 yds	277 ft	C 8.0"	
			6.4" D	T 4.5"	

SEVASTOPOL	1898 (3)	16 kts (45)	362 DP	D	2.8"	6x15.0"* (60)
4x12.0"/38 H4 (90)	2 (400)	14,200 yds	10,960 ts	B	15.0"	4,000nm/10
12x 6.0"/44 P3 (30)	10 (1200)	9,500 yds	367 ft	C	12.0"	
			8.8" D	T	5.5"	
ROSTISLAV	1899 (1)	16 kts (36)	290 DP	D	3.0"	2x18.0"* (145)
4x10.0"/43 K1 (72)	3 (400)	13,900 yds	8,800 ts	B	16.4"	3,000nm/10
8x 6.0"/44 P3 (36)	10 (800)	9,500 yds	341 ft	C	6.0"	
			7.7" D	T	5.5"	
OSLYABYA	1901 (3)	18 kts (46)	418 DP	D	2.3"	5x15.0"* (83)
4x10.0"/43 K1 (104)	3 (440)	13,900 yds	12,674 ts	B	9.0"	6,000nm/10
11x 6.0"/44 P3 (38)	10 (1650)	9,500 yds	424 ft	C	6.0"	
20x 3.0"/48 U1 (21)	30 (4000)	6,600 yds	5.7" C	T	5.5"	
RETVIZAN	1902 (1)	18 kts (46)	419 DP	D	3.0"	6x15.0"* (69)
4x12.0"/38 H4 (104)	2 (440)	14,200 yds	12,700 ts	B	9.0"	4,000nm/10
12x 6.0"/44 P3 (35)	10 (1800)	9,500 yds	374 ft	C	10.0"	
20x 3.0"/48 U1 (21)	30 (4000)	6,600 yds	7.0" C	T	6.0"	
TSESAREVITCH	1903 (1)	18 kts (47)	426 DP	D	2.2"	3x18.0"* (142)
4x12.0"/38 H4 (106)	2 (280)	14,200 yds	12,912 ts	B	9.8"	5,500nm/10
12x 6.0"/44 P3 (35)	10 (2400)	9,500 yds	389 ft	C	10.0"	
20x 3.0"/48 U1 (21)	30 (4000)	6,600 yds	7.0" C	T	6.0"	
K. P. TAVRICHEVSKY	1904 (1)	16 kts (51)	415 DP	D	2.2"	5x18.0"* (83)
4x12.0"/38 H4 (103)	2 (280)	14,200 yds	12,582	B	9.0"	3,400nm/10
16x 6.0"/44 P3 (26)	10 (3200)	9,500 yds	371 ft	C	9.0"	
14x 3.0"/48 U1 (29)	30 (2800)	6,600 yds	6.6" C	T	6.0"	
BORODINO	1903 (5)	18 kts (49)	446 DP	D	2.8"	6x18.0"* (74)
4x12.0"/38 H4 (111)	2 (280)	14,200 yds	13,516 ts	B	9.0"	6,624nm/10
12x 6.0"/44 P3 (37)	10 (2400)	9,500 yds	376 ft	C	8.0"	
20x 3.0"/48 U1 (22)	30 (4000)	6,600 yds	6.5" C	T	6.0"	
EVSTAFI	1910 (2)	16 kts (53)	424 DP	D	3.0"	3x18.0"* (53)
4x12.0"/38 H4 (106)	2 (320)	14,200 yds	12,840 ts	B	9.0"	4,500nm/10
4x 8.0"/50 M3 (106)	4 (320)	13,400 yds	372 ft	C	9.0"	
12x 6.0"/44 P3 (35)	10 (2160)	9,500 yds	6.6" C	T	5.5"	
14x 3.0"/48 U1 (30)	30 (2800)	6,600 yds				
IMPERATOR PAVEL I	1910 (2)	18 kts (63)	574 DP	D	2.2"	3x18.0"* (191)
4x12.0"/38 H4 (143)	2 (400)	16,000 yds	17,400 ts	B	8.5"	6,680nm/10
8x 8.0"/50 M3 (71)	4 (800)	16,000 yds	454 ft	C	8.0"	
6x 8.0"/50 M3 (95)	4 (600)	13,400 yds	5.8" C	T	4.5"	
12x 4.7"/50 P3 (47)	16 (2400)	9,000 yds				
GANGUT/MARAT	1914 (4)	24 kts (16)	772 DP	D	3.0"	4x18.0"* (193)
12x12.0"/52 H2 (64)	3 (1200)	26,300 yds	23,400 ts	B	11.0	2,780nm/14
16x 4.7"/50 P3 (48)	16 (3200)	15,800 yds	591 ft	C	10.0"	
			7.6" C	T	6.5"	
IMPERATRITSA MARIA	1915 (3)	22 kts (68)	752 DP	D	3.0"	4x18.0"* (188) (4x3.0"AA= 6)
12x12.0"/52 H2 (62)	3 (1200)	26,300 yds	22,800 ts	B	12.0"	
18x 5.1"/55 S1 (41)	16 (3600)	18,000 yds	551 ft	C	12.0"	
8x 3.0"/30 U3 (94)	22 (2400)	10,100 yds	8.4" C	T	6.5"	

CRUISERS

NAHKIMOV	1890 (1)	16 kts (34)	279 DP	D	3.0"	
8x 8.0"/32 M6 (34)	2 (600)	12,000 yds	8,460 ts	B	10.0"	
10x 6.0"/34 P5 (28)	10 (1000)	8,800 yds	326 ft	C	6.0"	
			5.8" F	T	4.0"	
ADMIRAL KORNILOFF	1890 (1)	18 kts (21)	191 DP	D	2.5"	4x15.0" (47)
14x 6.0"/34 P5 (13)	10 (1050)	8,800 yds	5,800 ts	C	6.0"	
					2.6" F	
ROSSIYA	1898 (1)	20 kts (40)	400 DP	D	2.5"	6x18.0" (66)
4x 8.0"/45 M4 (100)	4 (400)	14,600 yds	12,130 ts	B	8.0"	19,000nm/10
16x 6.0"/44 P3 (25)	10 (2400)	9,500 yds	472 ft	C	6.0"	
6x 4.7"/45 S4 (66)	18 (1200)	9,000 yds	5.3" D	T	4.5"	
12x 3.0"/48 U1 (33)	30 (3600)	6,600 yds				
VARIAG	1900 (2)	22 kts (19)	214 DP	D	2.5"	6x18.0" (35)
12x 6.0"/44 P3 (17)	10 (1200)	9,500 yds	6,504 ts	B	3.0"	4,500nm/10
12x 3.0"/48 U1 (17)	30 (2400)	6,600 yds	416 ft	C	6.0"	
			3.1" C			
NOVIK	1901 (3)	24 kts (8)	100 DP	D	2.0"	4x18.0" (25)
6x 4.7"/45 S4 (16)	18 (600)	9,000 yds	3,021 ts	C	1.1"	5,000nm/10
			345 ft		1.3" C	
PALLADA	1902 (3)	20 kts (22)	222 DP	D	2.5"	4x18.0" (55)
8x 6.0"/44 S4 (27)	10 (800)	9,500 yds	6,731 ts	C	6.0"	3,700nm/10
22x 3.0"/48 U1 (10)	30 (4400)	6,600 yds	413 ft		2.6" D	
GROMOBOI	1901 (1)	18 kts (44)	400 DP	D	2.0"	4x18.0" (100)
4x 8.0"/45 M4 (100)	4 (400)	14,600 yds	12,130 ts	B	6.0"	
16x 6.0"/44 S4 (25)	10 (3200)	9,500 yds	472 ft	C	6.0"	
20x 3.0"/48 U1 (20)	30 (4000)	6,600 yds	4.6" D	T	4.5"	
BOGATYR	1902 (4)	22 kts (19)	216 DP	D	3.0"	6x18.0" (36)
12x 6.0"/44 S4 (18)	10 (1200)	9,500 yds	6,550 ts	B	3.0"	
12x 3.0"/48 U1 (18)	30 (3600)	6,600 yds	417 ft	C	6.0"	
			3.5" C	T	2.0"	
BAYAN	1903 (2)	22 kts (23)	255 DP	D	2.0"	5x15.0"* (51)
2x 8.0"/45 M4 (127)	4 (200)	14,600 yds	7,726 ts	B	8.0"	7,000nm/10
8x 6.0"/44 S4 (31)	10 (800)	9,500 yds	430 ft	C	6.0"	
20x 3.0"/48 U1 (12)	30 (4000)	6,600 yds	5.0" C	T	4.0"	
RURIK	1908 (1)	22 kts (45)	501 DP	D	1.5"	2x18.0"* (250)
4x10.0"/50 K1 (125)	4 (400)	21,200 yds	15,190 ts	B	6.0"	
8x 8.0"/50 M3 (62)	10 (800)	18,500 yds	526 ft	C	8.0"	
20x 4.7"/45 S4 (25)	18 (4000)	12,000 yds	5.0" C	T	4.5"	
CHERVONAYA UKRAINA	1922 (1)	24 kts (19)	229 DP	C	3.0"	12x21.0" (19) (6x3.0"AA=10)
15x 5.1"/55 S1 (15)	18 (1500)	18,000 yds	6,934 ts	T	1.5"	3,700nm/18
6x 3.0"/30 U3 (38)	22 (1200)	10,900 yds	520 ft	1.6" C		100 mines
KRASNY KRIM	1926 (1)	28 kts (16)	229 DP	C	3.0"	12x21.0" (19) (6x3.9"AA=15)
15x 5.1"/55 S1 (15)	18 (1500)	18,000 yds	6,934 ts	T	1.5"	3,700nm/18 (4x45mmAA=6)
6x 3.9"/47 T2 (38)	20 (1800)	16,400 yds	498 ft	1.6" C		100 mines

KRASNY KAVKAZ	1935 (1)	28 kts (19)	265 DP	D 1.5"	6x21.0" (44)	(10x3.9"AA=25)
4x 7.1"/57 N1 (66)	10 (600)	39,400 yds	8,030 ts	C 3.0"	3,700nm/18	(4x45mmAA= 6)
10x 3.9"/47 T2 (26)	20 (2000)	16,400 yds	532 ft	T 2.0"	100 mines	
			1.9" B			
KIROV	1938 (2)	34 kts (17)	290 DP	D 2.0"	6x21.0" (48)	(6x3.9"AA=17)
9x 7.1"/57 N1 (32)	10 (1620)	39,400 yds	8,800 ts	B 3.0"		(6x45mmAA= 8)
6x 3.9"/56 T1 (48)	24 (3600)	19,100 yds	626 ft	C 3.0"	90 mines	60 DC
			2.6" A	T 2.5"	AC: 2 C: 1	
MAKSIM GORKY	1940 (4)	34 kts (15)	270 DP	D 2.0"	6x21.0" (45)	(6x3.9"AA=17)
9x 7.1"/57 N1 (30)	10 (1620)	39,400 yds	8,177 ts	B 3.0"	4,880nm/18	(10x37mmAA=18)
6x 3.9"/56 T1 (45)	24 (3600)	19,100 yds	626 ft	C 3.0"	100 mines	90 DC
			2.6" A	T 2.5"	AC: 2 C: 1	
<u>DESTROYERS</u>						
BESTRASCHNI/BRVY	1900 (9)	26 kts (2)	25 DP		3x18.0" (8)	
1x 3.0"/48 U1 (13)	30 (150)	6,600 yds	354 ts			
STROGNY/ZAVIDNY	1900 (13)	26 kts (2)	25 DP		2x18.0" (12)	
1x 3.0"/48 U1 (13)	30 (150)	6,600 yds	350 ts			
LOWKI/DYELNY	1904 (19)	26 kts (2)	25 DP		2x18.0" (8)	
2x 3.0"/48 U1 (12)	30 (200)	6,600 yds	350 ts			
BARANOFF	1905 (4)	26 kts (2)	25 DP		3x18.0" (8)	
1x 4.7"/45 S4 (12)	16 (100)	9,000 yds	600 ts			
5x 3.0"/48 U1 (5)	30 (250)	6,600 yds				
BOYEVOT	1905 (10)	26 kts (2)	25 DP		3x18.0" (8)	
2x 3.0"/48 U1 (12)	30 (200)	6,600 yds	378 ts			
STRASHMI	1905 (20)	26 kts (2)	25 DP		3x18.0" (8)	
2x 4.0"/40 T4 (12)	20 (200)	12,000 yds	580 ts			
BISTRY	1911 (9)	32 kts (2)	35 DP		3x18.0" (11)	
2x 4.0"/40 T4 (17)	20 (200)	12,000 yds	1,054 ts			
5x 3.0"/48 U1 (7)	30 (500)	6,600 yds				
NOVIK	1912 (1)	36 kts (2)	42 DP	336 ft	4x18.0" (10)	
4x 4.0"/40 T4 (10)	20 (400)	12,000 yds	1,262 ts		80 mines	
ISYASLAV	1915 (5)	34 kts (2)	45 DP	344 ft	12x18.0" (3)	
4x 4.0"/40 T4 (11)	20 (400)	12,000 yds	1,348 ts		80 mines	
LENINGRAD	1936 (6)	36 kts (4)	73 DP	415 ft	8x21.0" (9)	(2x3.0"AA= 4)
5x 5.1"/50 S2 (14)	14 (1250)	27,300 yds	2,225 ts	84 mines	52 DC	(2x45mmAA= 3)
TASHKENT	1939 (1)	40 kts (4)	95 DP	453 ft	6x21.0" (15)	(6x45mmAA= 8)
6x 5.1"/50 S2 (15)	14 (1500)	27,300 yds	2,893 ts	80 mines		(8x20mmAA= 9)
DZERZHINSKI	1918 (4)	26 kts (3)	43 DP	334 ft	6x18.0" (7)	
4x 4.0"/40 T4 (10)	20 (800)	16,000 yds	1,308 ts			
Type 7 (BODRY)	1937 (29)	38 kts (2)	55 DP	370 ft	6x21.0" (9)	(2x3.0"AA= 4)
4x 5.1"/50 S2 (13)	14 (880)	27,300 yds	1,660 ts	60 mines	15 DC	(4x37mmAA= 7)
2x 3.0"/55 U1 (27)	34 (800)	16,400 yds			2,608nm/19	(1x20mmAA= 1)

SPAIN

BATTLESHIPS

PELAYO	1888 (1)	16 kts (40)	322 DP	D 2.8"	7x14.0"* (46)
2x12.5"/35 H4 (161)	1 (160)	11,000 yds	9,745 ts	B 17.8"	
2x11.0"/35 J4 (161)	1 (200)	10,200 yds	334 ft	C 6.1"	
1x 6.4"/30 P5 (161)	3 (100)	7,800 yds	7.5" F	T 3.1"	
12x 4.7"/40 S4 (26)	12 (960)	6,000 yds			
INF. MARIA TERESA	1891 (3)	20 kts (22)	227 DP	D 3.0"	8x14.0"* (28)
2x11.0"/35 J4 (113)	1 (200)	10,200 yds	6,890 ts	B 12.0"	
10x 5.5"/45 R1 (22)	7 (800)	9,000 yds	340 ft	C 12.0"	
8x 3.0"/28 U3 (28)	20 (1200)	5,500 yds	7.2" E	T 1.6"	
Vizcaya, Almirante Oquendo					
EMP. CARLOS V	1898 (1)	20 kts (30)	300 DP	D 2.5"	2x14.0"* (150)
2x11.0"/35 J4 (150)	1 (200)	10,200 yds	9,090 ts	B 2.0"	
8x 5.5"/45 R1 (37)	7 (800)	9,000 yds	380 ft	C 12.0"	
4x 3.9"/45 T3 (75)	16 (600)	6,500 yds	5.1" D	T 3.8"	
ESPAÑA	1914 (3)	20 kts (51)	510 DP	D 2.0"	
8x12.0"/50 H2 (63)	3 (640)	21,000 yds	15,452 ts	B 8.0"	3,100nm/16
20x 4.0"/45 T3 (25)	20 (3000)	13,700 yds	435 ft	C 10.0"	
			7.0" C	T 8.0"	
Alfonso XIII, Jaime I					

CRUISERS

ISLA DE LUZON	1887 (3)	14 kts (5)	34 DP	D 2.5"	3x14.0"* (11)
6x 4.7"/40 S4 (5)	12 (600)	6,000 yds	1,030 ts	C 2.0"	
4x 2.2"/30 X1 (8)	20 (600)	4,200 yds	185 ft	1.6" F	
Isla de Cuba, Marques de la Ensenada					
VELASCO/GRAVINA	1888 (2)	12 kts (6)	38 DP		
2x 6.0"/40 P4 (19)	8 (440)	9,200 yds	1,152 ts		
2x 3.0"/25 U3 (19)	16 (220)	4,200 yds	210 ft		
INFANTA ISABEL	1889 (6)	12 kts (6)	38 DP		2x14.0" (19)
4x 4.7"/40 S4 (9)	12 (400)	6,000 yds	1,152 ts		
4x 2.2"/30 X1 (9)	20 (600)	4,200 yds	210 ft		
Isabel II, Cristóbal Colón, Don Juan de Austria, Don Antonio Uloa, Conde del Venadito					
ALFONSO XII	1889 (3)	16 kts (12)	100 DP		5x14.0"* (20)
6x 6.4"/30 P5 (16)	6 (600)	7,800 yds	3,042 ts		
8x 2.2"/30 X1 (12)	20 (1200)	4,200 yds	278 ft		
Reina Cristina, Reina Mercedes					
REINA REGENTE	1891 (3)	20 kts (15)	156 DP	D 4.8"	5x14.0"* (31)
4x 7.9"/40 M5 (39)	4 (320)	9,800 yds	4,725 ts	T 3.0"	
6x 4.7"/40 S4 (26)	12 (600)	6,000 yds	317 ft	2.4" D	
Alfonso XIII, Lepanto					
CRISTOBAL COLON	1897 (1)	20 kts (22)	226 DP	D 1.5"	4x17.7"* (61)
10x 6.0"/40 P4 (22)	12 (900)	9,700 yds	7,000 ts	B 6.0"	
6x 4.7"/40 S4 (37)	18 (900)	6,000 yds	344 ft	C 6.0"	
			4.3" D	T 3.5"	

RIO DE LA PLATA	1900 (1)	20 kts (6)	62 DP	D 2.0"	2x14.0" (31)	
2x 5.9"/40 P4 (31)	12 (160)	9,000 yds	1,875 ts	1.3" C		
4x 4.7"/40 S4 (15)	16 (400)	6,000 yds	246 ft			
PRINCESA DE ASTURIAS	1902 (3)	20 kts (22)	227 DP	D 2.3"	5x18.0"* (45)	
2x 9.4"/40 L2 (113)	4 (200)	16,200 yds	6,888 ts	B 11.8"		
8x 5.5"/35 S4 (28)	8 (880)	9,000 yds	364 ft	C 7.8"		
8x 2.2"/40 X1 (28)	32 (1600)	5,000 yds	6.4" D	T 3.8"		
Cardenal Cisneros, Cataluña						
ESTRAMADURA	1902 (1)	20 kts (6)	67 DP	D 2.0"		
8x 4.0"/40 T4 (8)	18 (800)	5,500 yds	2,030 ts	1.3" C		
4x 2.2"/40 X1 (16)	32 (600)	5,000 yds	290 ft			
REINA REGENTE	1908 (1)	20 kts (17)	174 DP	D 3.5"	3x18.0"* (58)	
10x 5.5"/45 R1 (17)	9 (1000)	9,000 yds	5,287 ts	C 3.5"		
12x 2.2"/40 X1 (14)	32 (1800)	5,000 yds	337 ft	T 3.0"	2.8" C	
R. VICTORIA EUGENIA	1923 (1)	26 kts (12)	160 DP	D 3.0"		
9x 6.0"/45 P3 (17)	12 (900)	19,000 yds	4,857 ts	B 3.0"		
			462 ft	2.0" C		
NUÑEZ	1924 (1)	30 kts (10)	149 DP	B 3.0"	12x21.0" (12)	
6x 6.0"/45 P3 (24)	12 (600)	19,000 yds	4,509 ts	C 6.0"	5,000nm/13	
			462 ft	2.8" C		
CERVANTES	1927 (3)	34 kts (14)	247 DP	D 2.6"	12x21.0" (20)	(4x4.0"AA= 10)
8x 6.0"/45 P3 (30)	12 (800)	19,000 yds	7,475 ts	B 3.0"	5,000nm/15	
4x 4.0"/45 T3 (61)	22 (1000)	16,000 yds	580 ft	C 6.0"	3.1" B	
Principe Alfonso, Almirante Cervera						
CANARIAS/BALEARES	1936 (2)	34 kts (20)	350 DP	D 1.5"	12x21.0" (29)	(8x4.7"AA= 22)
8x 8.0"/50 M3 (43)	6 (600)	32,000 yds	10,617 ts	B 2.0"	8,000nm/15	
8x 4.7"/45 S3 (43)	9 (800)	17,000 yds	630 ft	1.4" B	AC: 2 C: 1	8 DC
<u>DESTROYERS</u>						
FUROR/TERROR	1896 (2)	28 kts (2)	25 DP		2x14.0" (12)	
2x 3.0"/40 U3 (12)	20 (220)	5,500 yds	370 ts	220 ft		
AUDAZ	1897 (4)	30 kts (2)	25 DP		2x14.0" (12)	
2x 3.0"/40 U3 (12)	20 (220)	5,500 yds	400 ts	225 ft		
Osado, Pluton, Proserpine						
BUSTAMENTE	1911 (3)	28 kts (2)	25 DP		2x18.0" (12)	
5x 2.2"/40 X1 (5)	40 (500)	5,000 yds	380 ts	221 ft		
Villamil, Cadarso						
ALSEDO	1924 (3)	34 kts (2)	34 DP		4x21.0" (8)	
3x 4.0"/40 T4 (11)	16 (330)	9,500 yds	1,044 ts	282 ft		
Lazaga, Velasco						
CHURRUCA	1927 (13)	36 kts (3)	51 DP		6x21.0" (8)	(1x3.0"AA= 2)
5x 4.7"/45 S3 (10)	16 (500)	16,200 yds	1,536 ts	331 ft	16 DC	
1x 3.0"/45 U2 (26)	40 (150)	11,200 yds				
Galiano, Diez, Lepanto, Sanchez, Valdés, Miranda, An̄tequera, Ulloa, Jorge Juan, Gravina, Escaño, Ciscar						

SWEDEN

BATTLESHIPS

ODEN	1897 (1)	16 kts (14)	116 DP	D 1.9"	1x17.7"* (58)
2x10.0"/42 K2 (58)	2 (120)	12,800 yds	3,500 ts	B 9.6"	
4x 4.7"/45 S4 (29)	18 (800)	8,700 yds	278 ft	C 9.7"	
10x 2.2"/40 X1 (11)	40 (3000)	4,000 yds	6.7" D	T 5.4"	
THOR	1899 (2)	16 kts (14)	116 DP	D 1.9"	1x17.7"* (58)
2x10.0"/42 K2 (58)	2 (120)	12,800 yds	3,500 ts	B 9.4"	
6x 4.7"/45 S4 (19)	18 (1200)	8,700 yds	278 ft	C 7.9"	
10x 2.2"/40 X1 (11)	40 (3000)	4,000 yds	5.9" D	T 4.5"	
DRISTIGHETEN	1901 (1)	16 kts (14)	116 DP	D 1.9"	2x17.7"* (58)
2x 8.3"/45 M4 (58)	6 (200)	16,000 yds	3,490 ts	B 9.4"	
6x 6.0"/45 P3 (19)	12 (600)	13,500 yds	285 ft	C 7.9"	
10x 2.2"/40 X1 (11)	40 (3000)	4,000 yds	5.9" C	T 4.5"	
ARAN	1902 (4)	18 kts (13)	120 DP	D 1.9"	2x17.7"* (60)
2x 8.3"/45 M4 (60)	6 (200)	16,000 yds	3,650 ts	B 6.9"	
6x 6.0"/45 P3 (20)	12 (600)	13,500 yds	287 ft	C 6.9"	
10x 2.2"/40 X1 (12)	40 (3000)	4,000 yds	5.0" C	T 4.3"	
OSCAR II	1907 (1)	18 kts (17)	156 DP	D 2.0"	2x17.7"* (78)
2x 8.3"/45 M4 (78)	6 (200)	16,000 yds	4,270 ts	B 5.9"	2,000nm/10
8x 6.0"/50 P2 (19)	12 (880)	14,100 yds	314 ft	C 6.9"	
10x 2.2"/40 X1 (15)	40 (3000)	4,000 yds	4.8" C	T 4.3"	
SVERIGE	1917 (3)	22 kts (20)	226 DP	D 1.6"	2x17.7"* (113)
4x11.1"/45 J3 (56)	4 (440)	20,200 yds	6,842 ts	B 7.9"	
8x 6.0"/50 P2 (28)	12 (800)	18,600 yds	393 ft	C 6.9"	
6x 3.0"/45 U2 (37)	30 (1800)	11,200 yds	5.2" B	T 4.5"	

CRUISERS

FLYGIA	1906 (1)	22 kts (15)	164 DP	D 2.0"	2x17.7"* (82)
8x 6.0"/45 P3 (20)	12 (800)	13,500 yds	4,980 ts	B 4.0"	5,770nm/10
14x 2.6"/40 U3 (11)	30 (2100)	5,500 yds	378 ft	C 4.0"	
			3.3" C	T 3.0"	
GOTLAND	1934 (1)	28 kts (11)	157 DP	D 2.0"	6x21.0" (26) (4x3.0"AA= 9)
4x 6.0"/55 P1 (39)	16 (600)	27,400 yds	4,750 ts	B 1.2"	4,000nm/12 (4x25mmAA= 6)
2x 6.0"/55 P1 (78)	16 (300)	21,900 yds	426 ft	C 2.0"	100 mines
4x 3.0"/60 U1 (39)	34 (1200)	16,400 yds	1.7" A	T 1.5"	AC: 6 C: 1

DESTROYERS

MODE/MAGNE	1902 (2)	30 kts (2)	25 DP	215 ft	2x17.7" (12)
6x 2.2"/40 X1 (4)	40 (480)	4,000 yds	450 ts		920nm/15
WALE	1906 (6)	30 kts (2)	25 DP	216 ft	2x17.7" (12)
4x 3.0"/40 U3 (6)	26 (400)	9,000 yds	460 ts		980nm/15
HUGIN/MUNIN	1911 (2)	30 kts (2)	25 DP	217 ft	2x17.7" (12)
2x 3.0"/40 U3 (12)	26 (300)	9,000 yds	460 ts		800nm/15

WRANGEL/WACHTMEISTER	1918 (2)	26 kts (2)	25 DP	236 ft	4x17.7" (6)	
4x 3.0"/45 U2 (6)	30 (400)	11,200 yds	480 ts		1,300nm/16	
EHRENSKJOLD	1926 (4)	36 kts (2)	33 DP	295 ft	6x21.0" (5)	(2x40mmAA= 5)
3x 4.7"/50 S3 (11)	12 (600)	18,000 yds	1,000 ts	20 DC	1,600nm/20	18 mines
STOCKHOLM	1935 (2)	40 kts (2)	34 DP	305 ft	6x21.0" (5)	(4x25mmAA= 6)
3x 4.7"/50 S3 (11)	12 (600)	24,000 yds	1,028 ts	20 DC	1,600nm/20	24 mines

TURKEY

CRUISERS

MEDJIDIEH	1904 (2)	22 kts (10)	111 DP	D 4.0"	3x18.0" (37)	
2x 6.0"/45 P3 (55)	12 (300)	13,500 yds	3,368 ts			
8x 4.7"/50 S2 (13)	18 (800)	11,600 yds	331 ft	1.8" D		

DESTROYERS

SAMSOUN	1908 (3)	24 kts (2)	25 DP	187 ft	2x18.0" (12)	
2x 2.6"/50 U2 (12)	20 (100)	5,400 yds	300 ts		975 nm/15	
ADATEPE	1931 (4)	36 kts (2)	38 DP	305 ft	6x21.0" (6)	(2x40mmAA= 4)
4x 4.7"/45 S4 (9)	10 (760)	18,000 yds	1,150 ts			

UNITED STATES

BATTLESHIPS

MAINE	1895 (1)	16 kts (27)	220 DP	D 3.0"	4x18.0" (55)	
4x10.0"/30 K3 (55)	1 (320)	10,200 yds	6,682 ts	B 12.0"		
6x 6.0"/30 P5 (36)	10 (600)	9,800 yds	324 ft	C 10.0"		
7x 2.2"/40 X1 (31)	40 (1400)	5,000 yds	7.4" D	T 4.5"		
TEXAS	1895 (1)	16 kts (24)	199 DP	D 3.0"	4x18.0" (49)	
2x12.0"/35 H5 (100)	1 (160)	11,400 yds	6,045 ts	B 12.0"	2,900nm/10	
6x 6.0"/30 P5 (33)	10 (600)	9,800 yds	309 ft	C 9.0"		
12x 2.2"/40 X1 (16)	40 (2400)	5,000 yds	7.6" D	T 6.5"		
INDIANA	1895 (2)	16 kts (42)	340 DP	D 2.8"	3x18.0" (113)	
4x13.0"/35 G2 (85)	2 (240)	12,100 yds	10,288 ts	B 18.0"	3,720nm/10	
8x 8.0"/35 M6 (42)	5 (640)	11,000 yds	351 ft	C 10.0"		
4x 6.0"/30 P5 (85)	10 (320)	9,800 yds	9.6" D	T 7.5"		
20x 2.2"/40 X1 (17)	40 (4000)	5,000 yds				

OREGON	1896 (1)	16 kts (43)	347 DP	D	4.5"	3x18.0"* (115)
4x13.0"/35 G2 (86)	2 (240)	12,100 yds	10,524 ts	B	18.0"	3,720nm/10
8x 8.0"/35 M6 (43)	5 (640)	11,000 yds	351 ft	C	10.0"	
4x 6.0"/30 P5 (86)	10 (320)	9,800 yds	10.0" D	T	7.5"	
20x 2.2"/40 X1 (17)	40 (4000)	5,000 yds				
IOWA	1897 (1)	16 kts (46)	374 DP	D	3.0"	4x14.2"* (93)
4x12.0"/35 H5 (93)	2 (240)	11,800 yds	11,340 ts	B	14.0"	4,500nm/10
8x 8.0"/35 M6 (46)	5 (600)	11,000 yds	362 ft	C	10.0"	
6x 4.0"/40 T4 (62)	18 (900)	9,000 yds	8.5" D	T	7.0"	
20x 2.2"/40 X1 (18)	40 (4000)	5,000 yds				
KEARSARGE	1900 (2)	16 kts (47)	381 DP	D	5.0"	4x18.0"* (95)
4x13.0"/35 G2 (95)	2 (200)	14,300 yds	11,540 ts	B	16.5"	5,316nm/10
4x 8.0"/35 M6 (95)	5 (500)	11,000 yds	375 ft	C	10.0"	
14x 5.0"/40 S4 (27)	12 (3500)	9,800 yds	10.5" D	T	10.3"	
20x 2.2"/40 X1 (19)	40 (4000)	5,000 yds				
ILLINOIS	1901 (3)	18 kts (42)	382 DP	D	4.0"	4x18.0"* (95)
4x13.0"/35 G2 (95)	2 (200)	14,300 yds	11,565 ts	B	16.5"	4,447nm/10
14x 6.0"/40 P4 (27)	10 (2800)	10,100 yds	375 ft	C	10.0"	
16x 2.2"/40 X1 (23)	40 (3200)	5,000 yds	9.8" D	T	8.5"	
MAINE	1902 (3)	18 kts (45)	412 DP	D	4.0"	2x18.0"* (206)
4x12.0"/40 H4 (103)	2 (240)	19,000 yds	12,500 ts	B	11.0"	4,900nm/10
16x 6.0"/50 P2 (25)	12 (3200)	13,000 yds	394 ft	C	10.0"	
6x 3.0"/50 U1 (68)	20 (1200)	9,200 yds	8.1" C	T	7.5"	
VIRGINIA	1906 (5)	20 kts (49)	494 DP	D	3.0"	4x21.0"* (123)
4x12.0"/40 H4 (123)	2 (240)	19,000 yds	14,980 ts	B	11.0"	4,920nm/10
8x 8.0"/45 M4 (61)	4 (1000)	16,400 yds	441 ft	C	9.0"	
12x 6.0"/50 P2 (41)	12 (2400)	13,000 yds	7.5" C	T	7.0"	
12x 3.0"/50 U1 (41)	20 (2400)	9,200 yds				
CONNECTICUT	1906 (6)	18 kts (58)	528 DP	D	3.0"	
4x12.0"/45 H3 (132)	3 (240)	21,600 yds	16,000ts	B	9.0"	7,579nm/10
8x 8.0"/45 M4 (66)	6 (800)	18,100 yds	456 ft	C	9.0"	
12x 7.0"/45 N2 (44)	8 (1200)	16,600 yds	6.3" C	T	7.3"	
20x 3.0"/50 U1 (26)	20 (4000)	9,200 yds				
MISSISSIPPI	1908 (2)	18 kts (47)	429 DP	D	3.0"	5,750nm/10
4x12.0"/45 H3 (107)	3 (240)	21,600 yds	13,000 ts	B	9.0"	2x21.0"* (214)
8x 8.0"/45 M4 (53)	6 (800)	18,100 yds	382 ft	C	9.0"	
8x 7.0"/45 N2 (53)	8 (800)	16,600 yds	6.3" C	T	7.3"	
12x 3.0"/50 U1 (35)	20 (2400)	9,200 yds				
SOUTH CAROLINA	1910 (2)	18 kts (58)	528 DP	D	1.5"	2x21.0"* (264)
8x12.0"/45 H3 (66)	3 (720)	21,600 yds	16,000 ts	B	12.0"	5,300nm/10
22x 3.0"/50 U1 (24)	20 (6600)	9,200 yds	450 ft	C	12.0"	
			8.3" C	T	7.5"	
DELEWARE	1910 (2)	20 kts (66)	667 DP	D	3.0"	2x21.0"* (333)
10x12.0"/45 H3 (66)	3 (900)	21,600 yds	20,200 ts	B	11.0"	5,887nm/10
14x 5.0"/50 S2 (47)	12 (4200)	12,700 yds	510 ft	C	12.0"	
			8.4" C	T	7.5"	
FLORIDA	1911 (2)	20 kts (72)	720 DP	D	9.2"	2x21.0"* (360)
10x12.0"/45 H3 (72)	4 (900)	23,000 yds	21,825 ts	B	11.0"	6,720nm/10
16x 5.0"/51 S2 (45)	15 (4800)	14,500 yds	519 ft	C	12.0"	
			10.3" C	T	8.9"	

ARKANSAS/WYOMING	1912 (2)	20 kts (85)	858 DP	D 5.0"	2x21.0"* (429)	
12x12.0"/50 H2 (71)	4 (1200)	23,500 yds	26,000 ts	B 11.0"	8,000nm/10	
21x 5.0"/51 S2 (40)	15 (6300)	14,500 yds	554 ft	C 12.0"		
			9.2" C	T 8.9"		
TEXAS/NEW YORK	1914 (2)	20 kts (89)	891 DP	D 6.0"	4x21.0"* (222)	
10x14.0"/45 E2 (89)	3 (900)	21,000 yds	27,000 ts	B 12.0"	8,000nm/10	
21x 5.0"/51 S2 (42)	15 (6300)	14,500 yds	565 ft	C 12.0"		
			10.0" C	T 9.9"		
NEVADA/OKLAHOMA	1916 (2)	20 kts (90)	908 DP	D 4.5"	4x21.0"* (227)	
10x14.0"/45 E2 (90)	3 (900)	21,000 yds	27,500 ts	B 13.5"	10,000nm/10	
21x 5.0"/51 S2 (43)	15 (6300)	14,500 yds	575 ft	C 16.0"		
			10.8" C	T 9.3"		
PENNSYLVANIA	1916 (2)	20 kts (103)	1036 DP	D 6.0"	2x21.0"* (518)	
12x14.0"/45 E2 (86)	3 (1080)	21,000 yds	31,400 ts	B 14.0"	10,000nm/10	
22x 5.0"/51 S2 (47)	15 (6600)	14,500 yds	600 ft	C 16.0"		
			11.9" C	T 11.5"		
NEW MEXICO	1918 (3)	20 kts (105)	1056 DP	D 5.5"	2x21.0"* (528)	(4x3.0"AA= 6)
12x14.0"/50 E1 (88)	3 (1080)	36,800 yds	32,000 ts	B 14.0"	10,000nm/10	
14x 5.0"/51 S2 (75)	15 (4200)	18,800 yds	600 ft	C 16.0"		
4x 3.0"/50 U1 (264)	20 (1440)	14,600 yds	11.8" C	T 11.5"		
TENNESSEE	1920 (2)	20 kts (106)	1066 DP	D 6.5"	2x21.0"* (533)	(4x3.0"AA= 6)
12x14.0"/50 E1 (88)	3 (1080)	36,800 yds	32,300 ts	B 14.0"	10,000nm/10	
14x 5.0"/51 S2 (76)	15 (4200)	18,800 yds	600 ft	C 16.0"		
4x 3.0"/50 U1 (266)	20 (1440)	14,600 yds	12.0" B	T 11.5"		
COLORADO	1921 (4)	20 kts (107)	1076 DP	D 6.5"	2x21.0"* (538)	(8x3.0"AA=13)
8x16.0"/45 C2 (134)	3 (720)	35,000 yds	32,600 ts	B 16.0"	10,000nm/10	
12x 5.0"/51 S2 (89)	15 (3600)	18,800 yds	600 ft	C 16.0"		
8x 3.0"/50 U1 (134)	20 (2880)	14,600 yds	12.5" B	T 11.5"		
NORTH CAROLINA	1941 (2)	28 kts (86)	1208 DP	D 7.7"		(20x5.0"AA=88)
9x16.0"/45 C2 (134)	4 (1080)	36,900 yds	36,600 ts	B 12.0"	17,450nm/15	(16x1.1"AA=27)
20x 5.0"/38 S4 (60)	38 (9000)	17,600 yds	713 ft	C 16.0"	AC: 3 C: 2	
			11.8" A	T 11.5"		
SOUTH DAKOTA	1942 (1)	28 kts (84)	1185 DP	D 8.2"		(16x5.0"AA=70)
9x16.0"/45 C2 (131)	4 (1080)	36,900 yds	35,900 ts	B 12.2"	17,000nm/15	(28x1.1"AA=48)
16x 5.0"/38 S4 (74)	38 (7200)	17,600 yds	666 ft	C 16.0"	AC: 3 C: 2	(16x20mmAA=26)
			12.3" A	T 12.7"		
INDIANA	1942 (3)	28 kts (84)	1185 DP	D 8.2"		(20x5.0"AA=88)
9x16.0"/45 C2 (131)	4 (1080)	36,900 yds	35,900 ts	B 12.2"	17,000nm/15	(24x40mmAA=58)
20x 5.0"/38 S4 (59)	38 (9000)	17,600 yds	666 ft	C 16.0"	AC: 3 C: 2	(16x20mmAA=26)
			12.3" A	T 12.7"		
IOWA	1943 (4)	32 kts (99)	1598 DP	D 8.8"		(20x5.0"AA=88)
9x16.0"/50 C1 (177)	4 (1080)	42,300 yds	48,425 ts	B 12.1"	15,900nm/17	(80x40mmAA=192)
20x 5.0"/38 S4 (80)	38 (9000)	17,600 yds	860 ft	C 17.5"	AC: 4 C: 2	(49x20mmAA=78)
			13.0" A	T 13.5"		

HEAVY AND ARMORED CRUISERS

ATLANTA/BOSTON	1886 (2)	16 kts (13)	105 DP	D 1.5"	
2x 8.0"/30 M6 (52)	3 (160)	10,000 yds	3,189 ts	C 2.0"	3,350nm/10
10x 6.0"/30 P5 (10)	8 (800)	8,000 yds	276 ft	1.4" F	
CHICAGO	1889 (1)	18 kts (16)	148 DP	D 1.5"	
4x 8.0"/30 M6 (37)	3 (320)	10,000 yds	4,480 ts	C 2.0"	
8x 6.0"/30 P5 (18)	8 (800)	8,000 yds	325 ft	1.4" D	
NEWARK/SAN FRANCISCO	1891 (2)	18 kts (14)	133 DP	D 3.0"	
12x 6.0"/30 P5 (11)	8 (960)	8,000 yds	4,038 ts	C 2.0"	
4x 2.2"/35 X1 (33)	30 (800)	4,400 yds	312 ft	T 1.5"	1.9" D
CHARLESTON	1889 (1)	18 kts (13)	123 DP	D 2.0"	
2x 8.0"/30 M6 (61)	3 (200)	10,300 yds	3,730 ts	C 1.8"	
6x 6.0"/30 P5 (20)	8 (600)	9,800 yds	312 ft	T 1.6"	1.6" D
BALTIMORE	1890 (1)	18 kts (16)	146 DP	D 4.0"	
4x 8.0"/30 M6 (36)	4 (320)	10,300 yds	4,413 ts	C 3.0"	
6x 6.0"/30 P5 (24)	8 (600)	9,800 yds	327 ft	T 1.6"	2.4" D
PHILADELPHIA	1890 (1)	18 kts (16)	143 DP	D 3.0"	
12x 6.0"/30 P5 (12)	8 (960)	8,000 yds	4,324 ts	C 3.0"	
4x 2.2"/35 X1 (35)	30 (800)	4,400 yds	327 ft	2.0" D	
NEW YORK	1893 (1)	20 kts (27)	271 DP	D 6.0"	3x14.0"* (90)
6x 8.0"/35 M6 (45)	5 (600)	11,000 yds	8,200 ts	B 3.8"	
12x 4.0"/40 T4 (22)	18 (1200)	9,000 yds	380 ft	C 7.0"	
8x 2.2"/35 X1 (33)	30 (1600)	4,400 yds	5.2" D	T 4.0"	
OLYMPIA	1895 (1)	20 kts (18)	184 DP	D 4.8"	6x18.0"* (30)
4x 8.0"/35 M6 (46)	5 (400)	11,000 yds	5,586 ts	C 5.0"	
10x 5.0"/40 S4 (18)	10 (800)	9,800 yds	338 ft	T 2.5"	
14x 2.2"/40 X1 (13)	40 (2800)	5,000 yds	3.3" D		
CINCINNATI/RALEIGH	1894 (2)	18 kts (11)	105 DP	D 2.5"	4x18.0"* (26)
1x 6.0"/30 P5 (53)	8 (100)	9,800 yds	3,183 ts	C 2.0"	
10x 5.0"/40 S4 (10)	10 (800)	9,800 yds	300 ft		
8x 2.2"/40 X1 (13)	40 (1600)	5,000 yds	1.6" D		
COLUMBIA/MINNEAPOLIS	1894 (2)	20 kts (24)	243 DP	D 4.0"	4x18.0"* (60)
1x 8.0"/35 M6 (121)	5 (100)	11,000 yds	7,375 ts	C 5.0"	
2x 6.0"/40 P4 (121)	10 (220)	10,100 yds	412 ft	T 2.5"	
8x 4.0"/40 T4 (30)	18 (800)	9,000 yds	3.1" D		
12x 2.2"/40 X1 (20)	40 (2400)	5,000 yds			
BROOKLYN	1896 (1)	20 kts (30)	304 DP	D 6.0"	5x18.0"* (60)
8x 8.0"/35 M6 (38)	4 (640)	11,000 yds	9,215 ts	B 8.0"	
12x 5.0"/40 S4 (25)	10 (1200)	9,800 yds	400 ft	C 7.5"	
12x 2.2"/40 X1 (25)	40 (6000)	5,000 yds	6.5" D	T 4.5"	
NEW ORLEANS/ALBANY	1898 (2)	20 kts (11)	114 DP	D 3.0"	3x18.0"* (38)
6x 6.0"/50 P2 (19)	14 (1174)	11,000 yds	3,450 ts	C 2.0"	8,000nm/10
4x 4.7"/50 S2 (28)	20 (884)	9,500 yds	330 ft	T 2.8"	
10x 2.2"/40 X1 (11)	40 (5000)	5,000 yds	2.2" D		

ST. LOUIS	1905 (3)	22 kts (29)	320 DP	D	3.0"	
14x 6.0"/50 P2 (22)	12 (1400)	13,000 yds	9,700 ts	B	4.0"	
18x 3.0"/50 U1 (17)	20 (2700)	9,200 yds	424 ft	C	5.0"	
			3.3" C			
PENNSYLVANIA	1905 (6)	22 kts (41)	451 DP	D	4.0"	2x18.0"* (225)
4x 8.0"/45 M4 (112)	4 (600)	16,400 yds	13,680 ts	B	6.0"	
14x 6.0"/50 P2 (32)	12 (2100)	13,000 yds	502 ft	C	9.0"	
18x 3.0"/50 U1 (25)	20 (3600)	9,200 yds	5.7" C	T	3.8"	
TENNESSEE	1907 (4)	22 kts (43)	478 DP	D	3.0"	4x21.0"* (119)
4x10.0"/40 K2 (119)	3 (480)	18,000 yds	14,500 ts	B	5.0"	
16x 6.0"/50 P2 (29)	12 (2400)	13,000 yds	502 ft	C	9.0"	
22x 3.0"/50 U1 (21)	20 (4400)	9,200 yds	5.5" C	T	5.0"	
PENSACOLA	1930 (2)	32 kts (18)	300 DP	D	1.5"	(8x5.0"AA=26)
10x 8.0"/55 M2 (30)	6 (1600)	28,000 yds	9,100 ts	B	4.0"	
8x 5.0"/25 S5 (37)	18 (2880)	14,500 yds	570 ft	C	1.3"	AC: 2 C: 2
			2.2" A	T	2.0"	
NORTHAMPTON	1931 (6)	32 kts (19)	304 DP	D	2.0"	(8x5.0"AA=26)
9x 8.0"/55 M2 (33)	6 (1440)	28,000 yds	9,200 ts	B	3.8"	
8x 5.0"/25 S5 (38)	18 (2880)	14,500 yds	582 ft	C	1.3"	AC: 3 C: 2
			2.3" A	T	2.0"	
INDIANAPOLIS	1932 (2)	32 kts (20)	326 DP	D	4.0"	(8x5.0"AA=26)
9x 8.0"/55 M2 (36)	8 (1440)	31,700 yds	9,870 ts	B	4.0"	
8x 5.0"/25 S5 (40)	18 (2880)	14,500 yds	592 ft	C	1.3"	AC: 4 C: 2
			2.9" A	T	2.3"	
ASTORIA	1934 (7)	32 kts (20)	328 DP	D	5.0"	(8x5.0"AA=26)
9x 8.0"/55 M2 (36)	8 (1440)	31,700 yds	9,950 ts	B	5.0"	
8x 5.0"/25 S2 (40)	18 (2880)	14,500 yds	578 ft	C	8.0"	AC: 4 C: 2
			5.5" A	T	3.8"	
WICHITA	1939 (1)	34 kts (19)	330 DP	D	5.0"	(8x5.0"AA=35)
9x 8.0"/55 M1 (36)	8 (1440)	30,400 yds	10,000 ts	B	5.0"	
8x 5.0"/38 S4 (40)	36 (3600)	17,600 yds	600 ft	C	8.0"	AC: 4 C: 2
			5.5" A	T	3.8"	
BALTIMORE	1944 (14)	32 kts (28)	449 DP	D	5.0"	(12x5.0"AA=53)
9x 8.0"/55 M1 (49)	8 (1440)	30,400 yds	13,600 ts	B	6.0"	(48x40mmAA=115)
12x 5.0"/38 S4 (37)	36 (5400)	17,600 yds	664 ft	C	8.0"	AC: 4 C: 2
			5.7" A	T	3.8"	

LIGHT CRUISERS

MONTGOMERY	1893 (3)	16 kts (8)	69 DP	C	2.0"	3x18.0"* (23)
9x 5.0"/40 S4 (7)	10 (720)	9,800 yds	2,094 ts			
6x 2.2"/35 X1 (11)	30 (1200)	4,400 yds	257 ft	1.3" D		
DENVER	1903 (6)	16 kts (13)	106 DP	D	2.0"	
10x 5.0"/50 S2 (10)	12 (1000)	10,800 yds	3,200 ts	C	2.0"	
8x 2.2"/40 X1 (13)	40 (1600)	5,000 yds	292 ft	1.5" D		

CHESTER	1908 (3)	24 kts (10)	124 DP	D 2.0"	2x21.0"* (62)	
2x 5.0"/50 S2 (62)	12 (240)	12,700 yds	3,750 ts			
6x 3.0"/50 U1 (20)	20 (720)	9,200 yds	420 ft	1.3" C		
OMAHA	1923 (10)	34 kts (13)	232 DP	D 1.5"	10x21.0" (23)	
12x 6.0"/53 P2 (19)	12 (2400)	23,300 yds	7,050 ts	B 3.0"	10,000nm/15	
4x 3.0"/50 U1 (58)	20 (2400)	14,600 yds	550 ft	C 1.5"	2.5" B	
BROOKLYN	1938 (9)	34 kts (19)	330 DP	D 3.0"		(8x5.0"AA=26)
15x 6.0"/47 P3 (22)	12 (3000)	26,000 yds	10,000 ts	B 5.0"	14,500nm/15	
8x 5.0"/25 S5 (41)	18 (2880)	14,500 yds	600 ft	C 8.0"	AC: 4 C: 2	
			4.8" A	T 3.0"		
ATLANTA	1942 (4)	36 kts (11)	198 DP	D 2.0"	8x21.0" (24)	(16x5.0"AA=70)
16x 5.0"/38 S4 (12)	30 (7200)	17,600 yds	6,000 ts	B 3.5"		(10x40mmAA=24)
			530 ft	C 4.0"	2.6" A	
				I		
OAKLAND	1943 (4)	36 kts (11)	198 DP	D 2.0"	8x21.0" (24)	(12x5.0"AA=53)
12x 5.0"/38 S4 (16)	30 (5400)	17,600 yds	6,000 ts	B 3.5"		(16x40mmAA=38)
			530 ft	C 4.0"	2.6" A	
CLEVELAND	1942 (18)	34 kts (19)	330 DP	D 5.0"		(12x5.0"AA=53)
12x 6.0"/47 P3 (27)	12 (2400)	26,000 yds	10,000 ts	B 5.0"		(28x40mmAA=67)
12x 5.0"/38 S4 (27)	30 (5400)	17,600 yds	600 ft	C 8.0"	AC: 4 C: 2	
			4.8" A	T 1.3"		
<u>DESTROYERS</u>						
BAINBRIDGE	1901 (11)	28 kts (2)	25 DP	245 ft	2x18.0" (12)	
2x 3.0"/50 U1 (12)	20 (220)	9,200 yds	450 ts			
5x 2.2"/40 X1 (5)	40 (1000)	5,000 yds				
TRUXTUN	1902 (5)	30 kts (2)	25 DP	248 ft	2x18.0" (12)	
2x 3.0"/50 U1 (12)	20 (220)	9,200 yds	433 ts			
6x 2.2"/40 X1 (4)	40 (1200)	5,000 yds				
SMITH	1909 (5)	28 kts (2)	25 DP	289 ft	6x18.0" (4)	
5x 3.0"/50 U1 (5)	20 (550)	9,200 yds	700 ts			
PAULDING	1910 (21)	30 kts (2)	25 DP	289 ft	6x18.0" (4)	
5x 3.0"/50 U1	20 (550)	13,600 yds	742 ts			
CASSIN	1913 (14)	30 kts (2)	34 DP	300 ft	8x18.0" (4)	
4x 4.0"/50 T2 (8)	16 (480)	13,700 yds	1,036 ts			
TUCKER	1915 (6)	30 kts (2)	36 DP	310 ft	8x21.0" (4)	
4x 4.0"/50 T2 (9)	16 (480)	13,700 yds	1,100 ts			
SAMPSON	1916 (6)	30 kts (2)	36 DP	310 ft	12x21.0" (3)	
4x 4.0"/50 T2 (9)	16 (480)	13,700 yds	1,100 ts			
CALDWELL	1917 (6)	30 kts (2)	34 DP	308 ft	12x21.0" (3)	
4x 4.0"/50 T2 (8)	16 (480)	13,700 yds	1,025 ts			
WICKES	1918 (53)	34 kts (2)	36 DP	309 ft	12x21.0" (3)	
4x 4.0"/50 T2 (9)	16 (480)	13,700 yds	1,090 ts			

FAIRFAX	1918 (58)	34 kts (2)	36 DP	309 ft	12x21.0" (3)	(2x3.0"AA= 3)
4x 4.0"/50 T2 (9)	16 (480)	13,700 yds	1,090 ts			
2x 3.0"/50 U1 (18)	20 (400)	10,000 yds				
CLEMSON	1919 (151)	36 kts (2)	39 DP	311 ft	12x21.0" (3)	(1x3.0"AA= 2)
4x 4.0"/50 T2 (9)	16 (480)	13,700 yds	1,190 ts			
1x 3.0"/50 U1 (20)	20 (200)	10,000 yds				
HATFIELD	1920 (5)	36 kts (2)	39 DP	311 ft	12x21.0" (3)	(1x3.0"AA= 2)
4x 5.0"/51 S2 (9)	15 (400)	14,500 yds	1,190 ts			
1x 3.0"/50 U1 (20)	20 (200)	10,000 yds				
FARRAGUT	1935 (8)	36 kts (2)	46 DP	334 ft	8x21.0" (5)	(5x5.0"AA=18)
5x 5.0"/38 S4 (9)	24 (1500)	17,600 yds	1,395 ts		40 DC	
PORTER	1936 (8)	36 kts (3)	61 DP	372 ft	8x21.0" (7)	
8x 5.0"/38 S4 (7)	24 (2400)	16,500 yds	1,850 ts		40 DC	
MAHAN	1936 (18)	36 kts (3)	50 DP	334 ft	12x21.0" (4)	(5x5.0"AA=18)
5x 5.0"/38 S4 (10)	24 (1500)	17,600 yds	1,500 ts		60 DC	
SOMERS	1937 (5)	38 kts (3)	61 DP	371 ft	12x21.0" (5)	
8x 5.0"/38 S4 (7)	24 (2400)	16,500 yds	1,850 ts		60 DC	
CRAVEN	1937 (22)	36 kts (3)	50 DP	334 ft	16x21.0" (3)	(4x5.0"AA=18)
4x 5.0"/38 S4 (12)	36 (1200)	17,600 yds	1,500 ts		30 DC	(4x1.1"AA= 7)
SIMS	1939 (12)	38 kts (3)	52 DP	341 ft	12x21.0" (4)	(5x5.0"AA=22)
5x 5.0"/38 S4 (10)	36 (1600)	17,600 yds	1,570 ts		60 DC	(4x1.1"AA= 7)
BENSON	1940 (24)	38 kts (3)	54 DP	341 ft	10x21.0" (5)	(5x5.0"AA=22)
5x 5.0"/38 S4 (11)	36 (1600)	17,600 yds	1,625 ts		40 DC	
LIVERMORE	1940 (64)	38 kts (3)	54 DP	341 ft	5x21.0" (11)	(4x5.0"AA=18)
4x 5.0"/38 S4 (13)	36 (1280)	17,600 yds	1,625 ts	60 mines		
FLETCHER	1942 (175)	38 kts (3)	68 DP	369 ft	10x21.0" (7)	(5x5.0"AA=22)
5x 5.0"/38 S4 (13)	36 (1750)	17,600 yds	2,050 ts		60 DC	(6x40mmAA=14)
SUMNER	1943 (70)	36 kts (4)	73 DP	369 ft	10x21.0" (7)	(6x5.0"AA=26)
6x 5.0"/38 S4 (12)	36 (2100)	17,600 yds	2,200 ts		60 DC	(12x40mmAA=29)

AIRCRAFT CARRIERS

LANGLEY	1922 (1)	16 kts (45)	365 DP			
4x 5.0"/51 S2 (91)	15 (1200)	18,800 yds	11,050 ts		12,260nm/10	
			519 ft		AC: 33 C: 2	
LEXINGTON/SARATOGA	1927 (2)	34 kts (70)	1188 DP	D 3.0"		(12x5.0"AA=40)
8x 8.0"/55 M2 (148)	8 (1600)	31,700 yds	36,000 ts	B 6.0"	8,015nm/20	
12x 5.0"/25 S5 (99)	18 (5400)	14,500 yds	850 ft	2.8" A	AC: 90 C: 1	
RANGER	1934 (1)	30 kts (32)	479 DP	D 2.0"		(8x5.0"AA=26)
8x 5.0"/25 S5 (59)	18 (3600)	14,500 yds	14,500 ts		11,500nm/15	
			728 ft	1.3" A	AC: 76 C: 2	

YORKTOWN/ENTERPRISE 8x 5.0"/38 S4 (81)	1937 (2) 30 (3600)	34 kts (38) 17,600 yds	653 DP 19,800 ts 761 ft	D 3.0" B 4.0" 2.8" A	8,220nm/20 AC: 96 C: 3	(8x5.0"AA=35)
HORNET 8x 5.0"/38 S4 (78)	1941 (1) 30 (3600)	34 kts (37) 17,600 yds	627 DP 19,000 ts 761 ft	D 3.0" B 4.0" 2.8" A	12,000nm/15 AC: 96 C: 3	(8x5.0"AA=35) (16x1.1"AA=27)
WASP 8x 5.0"/38 S4 (60)	1940 (1) 30 (3600)	30 kts (32) 17,600 yds	485 DP 14,700 ts 690 ft 2.0" A	D 1.5" B 4.0" C 1.5"	12,000nm/15 AC: 76 C: 2	(8x5.0"AA=35) (16x1.1"AA=27)
ESSEX 12x 5.0"/38 S4 (74)	1942 (24) 30 (5400)	34 kts (52) 17,600 yds	894 DP 27,100 ts 820 ft 3.0" A	D 5.5" B 4.0" C 1.5"	14,100nm/20 AC: 91 C: 2	(12x5.0"AA=53) (32x40mmAA=77) (46x20mmAA=74)
INDEPENDENCE	1943 (9)	32 kts (22)	363 DP 11,000 ts 600 ft	D 5.0" B 5.0" 3.0" A	7,600nm/20 AC: 48 C: 2	(25x40mmAA=60) (4x20mmAA= 6)
LONG ISLAND 1x 5.0"/38 S4 (187) 2x 3.0"/50 U1 (187)	1941 (2) 30 (450) 40 (900)	18 kts (41) 17,600 yds 14,600 yds	373 DP 11,300 ts 465 ft		AC: 21 C: 1	(1x5.0"AA= 4) (2x3.0"AA= 4)
CHARGER 1x 5.0"/38 S4 (182) 4x 3.0"/50 U1 (90)	1942 (1) 30 (450) 40 (1800)	18 kts (20) 17,600 yds 14,600 yds	363 DP 11,000 ts 465 ft		AC: 21 C: 1	(1x 5.0"AA= 4) (4x 3.0"AA= 9) (16x 40mmAA=38)
BOGUE 2x 5.0"/38 S4 (161)	1943 (11) 30 (900)	18 kts (18) 17,600 yds	323 DP 9,800 ts 465 ft		AC: 24 C: 2	(2x5.0"AA= 9) (20x40mmAA=48)
SANGAMON 2x 5.0"/38 S4 (188)	1943 (4) 30 (900)	18 kts (42) 17,600 yds	376 DP 11,400 ts 525 ft		AC: 34 C: 2	(2x5.0"AA= 9) (28x40mmAA=67)
CASABLANCA 1x 5.0"/38 S4 (129)	1944 (50) 30 (450)	20 kts (25) 17,600 yds	257 DP 7,800 ts 490 ft		AC: 28 C: 1	(1x5.0"AA= 4) (16x40mmAA=38)
COMMENCEMENT BAY 2x 5.0"/38 S4 (180)	1945 (35) 30 (900)	20 kts (36) 17,600 yds	360 DP 10,900 ts 525 ft		AC: 34 C: 2	(2x5.0"AA= 9) (36x40mmAA=86)

ADDENDA TO BRITISH AIRCRAFT CARRIERS

ARCHER 3x 4.0"/45 U2 (99)	1940 (5) 32 (960)	16 kts (37) 21,300 yds	297 DP 9,000 ts 472 ft	AC: 15	(3x4.0"AA=10) (15x20mmAA=24)
ATTACKER 2x 4.0"/45 U2 (189)	1942 (8) 32 (640)	18 kts (42) 21,300 yds	378 DP 11,420 ts 472 ft	AC: 18	(2x4.0"AA= 7) (8x40mmAA=18) (15x20mmAA=24)
RULER 2x 4.0"/45 U2 (189)	1943 (26) 32 (640)	18 kts (42) 21,300 yds	378 DP 11,420 ts 472 ft	AC: 24	(2x4.0"AA= 7) (16x40mmAA=35) (20x20mmAA=32)
ACTIVITY 2x 4.0"/45 U2 (194)	1943 (1) 32 (640)	18 kts (43) 21,300 yds	389 DP 11,800 ts 482 ft	AC: 15	(2x4.0"AA= 7) (20x20mmAA=32)
CAMPANIA 2x 4.0"/45 U2 (205)	1943 (1) 32 (640)	18 kts (45) 21,300 yds	411 DP 12,450 ts 522 ft	AC: 15	(2x4.0"AA= 7) (16x40mmAA=30) (16x20mmAA=26)
VINDEX/NAIRANA 2x 4.0"/45 U2 (227)	1943 (2) 32 (640)	18 kts (50) 21,300 yds	455 DP 13,800 ts 520 ft	AC: 18	(2x4.0"AA= 7) (16x40mmAA=30) (16x20mmAA=26)

ARGENTINA

LIBERTAD (1890) - Independencia
 GARIBALDI (1895) - San Martin - General Belgrano - Pueyrredon
 RIVIDAVIA (1911) - Moreno
 ALMIRANTE BROWN (1931) - 25 de Mayo
 CORRIENTES (1898) - Entre Rios - Misiones
 CATAMARCA (1911) - Jujuy - Cordoba - La Plata
 MENDOZA (1910) - Rioja - Salta - San Juan
 SANTIAGO (1914) - Santa Fe - San Luis - Tucuman
 CERVANTES (1925) - Juan de Garay
 LA RIOJA (1929) - Mendoza - Tucuman
 BUENOS AIRES (1938) - Corrientes - Entre Rios - Misiones - Santa Cruz - San Juan - San Luis

AUSTRIA - HUNGARY

MONARCH (1897) - Wien - Budapest
 HABSBURG (1902) - Arpád - Babenberg
 ERZHERZOG KARL (1906) - Erzherzog Friedrich - Erzherzog Ferdinand Max
 RADETZKY (1910) - Erzherzog Franz Ferdinand - Zrinyi
 VIRIBUS UNITIS (1912) - Tegetthoff - Prinz Eugen - Szent István
 KAISER FRANZ JOSEF I (1890) - Kaiserin Elisabeth
 KAISERIN und KONIGIN MARIA THERESIA (1895)
 ZENTA (1900) - Aspern - Szigetvár
 SAIDA (1914) - Novarra - Helgoland
 HUSZAR (1905) - Ulan - Streiter - Wildfang - Scharfschütze - Uskoke - Turul - Pandur - Csikos - Reka...
 TATRA (1913) - Balaton - Csepel - Lika - Triglav - Orjen - Dukla - Uzsok - Triglav 2 - Lika 2

BRAZIL

MARSHAL FLORIANO (1899) - Marshal Deodoro
 MIÑAS GERAS (1910) - Sao Paulo
 TUPY (1897) - Timbira - Tamoyo
 BAHIA (1910) - Rio Grande do Sul
 PARA (1909) - Amazonas - Matto Grosso - Piauy - Rio Grande de Norte - Parahyba - Sergipe - Parana...

CHILE

CAPITAN O'BRIEN (1900) - Capitan Tarpa - Capitan Orella - Capitan Gamere - Teniente Serano - Riquelme
 ALDEA (1928) - Hyatt - Orella - Requelme - Videla - Serrano

CHINA

HAI YUNG (1898) - Hai Chen - Hai Chu
 HAI CHI (1900) - Hai Tien
 CHAO HO (1912) - Ying Swei

DENMARK

HERLUF TROLLE (1900) - Olfert Fischer - Peder Skram
 HEIMDAL (1893) - Geiser

FRANCE

REQUIN (1886) - Indomptable - Caiman - Terrible
 MAGENTA (1893) - Neptune
 JEMMAPPES (1894) - Valmy
 BOUVINES (1894) - Tréhouart
 CHARLEMAGNE (1899) - Saint Louis - Gaulois
 REPUBLIQUE (1906) - Patrie
 VERITE (1907) - Democratie - Justice
 DANTON (1911) - Mirabeau - Diderot - Condorcet - Vergniaud - Voltaire
 COURBET (1913) - Jean Bart - Paris - France
 BRETAGNE (1915) - Provence - Lorraine
 DUNKERQUE (1937) - Strasbourg
 RICHELIEU (1940) - Jean Bart
 AMIRAL CHARNER (1895) - Latouche - Bruix - Chanzy
 KLEBER (1903) - Dupleix - Desaix
 GUEYDON (1902) - Montcalm - Dupetit-Thouars
 AMIRAL AUBE (1903) - Gloire - Marsellaise - Conde
 FRIANT (1895) - Du Chayla - Cassard - Chasseloup-Laubat
 DAVOUT (1890) - Souchet
 DESCARTES (1896) - Protet - Pascal - Catinat
 LEON GAMBETTA (1903) - Jules Ferry - Victor Hugo
 WALDECK ROUSSEAU (1910) - Edgar Quinet
 DUQUESNE (1928) - Tourville
 COLBERT (1930) - Foch - Dupleix
 SURCOUF (1890) - Cosmao - Forbin
 LAVOISIER (1895) - Linois - Galilée
 DUGUAY TROUIN (1926) - Lamotte-Picquet - Primauguet
 LA GALISSONNIERE (1935) - Jean De Vienne - Marseillaise - Gloire - Montcalm - George Leygues
 DURANDAL (1899) - Pique - Pertuisane - Arquebuse - Harpon - Sabre - Bombarde - Dard - Rapiere - Carabine...
 CLAYMORE (1905) - Trident - Stylet - Mortier - Cogne - Fleuret - Branlebas - Glaive - Gabion - Sape...
 SPAHI (1910) - Hussard - Carabinier - Aspirant - Enseigne - Voltigeur - Chasseur - Cavalier - Fantassin...
 BOUCLIER (1911) - Casque - Capitaine Mehl - Cimetterre - Bisson - Protet - Magon - Enseigne Roux...
 ADVENTURIER (1914) - Opiniatre - Temeraire - Intrepide
 ARABE (1917) - Algerien - Annamite - Bambara - Hova - Kabyle - Marocain - Sakalave - Somali - Touareg...
 CHACAL (1926) - Jaguar - Panthère - Leopard - Lynx - Tigre
 BOURRASQUE (1926) - Cyclone - Mistral - Orage - Ouragan - Simoun - Siroco - Tempête - Tornade - Typhon...
 L'ADROIT (1928) - L'Alcyon - Le Fortuné - Le Mars - La Palme - Basque - Forbin - Foudroyant - Bordelais...
 GUEPARD|AIGLE (1929) - Bison - Verdun - Lion - Valmy - Albatros - Gerfaut - Milan - Epervier - Vautour...
 VAUQUELIN (1932) - Kersaint - Cassard - Tartu - Maillé Brezé - Chevalier Paul
 LE FANTASQUE (1935) - L'Audacieux - Le Malin - Le Terrible - Le Triomphant - L'Indomptable
 MOGADOR (1938) - Volta [Kleber - Desaix - Marceau - Hoche]
 LE'HARDI (1940) - Foudroyant - L'Adroit - Mameluck - Casque - Le Cyclone - Siroco - Bison [Flibustier...

GERMANY

SIEGFRIED (1890) - Beowulf - Hagen - Frithjof - Heimdall - Hildebrand - Odin - Aegir
 WORTH (1893) - Brandenburg - Weissenbürg - Kurfürst Friedrich Wilhelm
 KAISER FRIEDRICH III (1898) - Kaiser Wilhelm II - K. Wilhelm der Grosse - K. Karl der Grosse - K. Barbarossa
 WITTELSBACH (1902) - Wettin - Zähringen - Mecklenburg - Schwaben
 BRAUNSCHWEIG (1904) - Elsass - Löthringen - Prüssen - Hessen
 DEUTSCHLAND (1906) - Hannover - Pommern - Schlesien - Schleswig-Holstein
 NASSAU (1909) - Westfalen - Posen - Rheinland
 HELGOLAND (1911) - Ostfriesland - Thüringen - Oldenburg
 MOLTKE (1911) Goeben
 KAISER (1912) - Friedrich der Grosse - Kaiserin - Prinzregent Luitpold - König Albert
 KONIG (1914) - Markgraf - Grosser Kurfurst - Kronprinz Wilhelm
 DERFFLINGER (1914) - Lützw - Hindenburg
 BAYERN (1916) - Baden

ADMIRAL GRAF SPEE (1934) - Admiral Scheer
 SCHARNHORST (1938) - Gneisenau
 BISMARCK (1940) - Tirpitz
 HERTHA (1898) - Hansa - Freya - Victoria Luise - Vineta
 PRINZ ADALBERT (1903) - Friedrich Karl
 ROON (1905) - Yorck
 SCHARNHORST (1907) - Gneisenau
 ADMIRAL HIPPER (1939) - Blücher
 PRINZ EUGEN (1940) - [Seydlitz - Lützwow]
 GAZELLE (1899) - Niobe - Amazone - Ariadne - Medusa - Nympe - Thetis
 FRAUENLOB (1902) - Arkona - Undine
 BREMEN|LEIPZIG (1904) - Berlin - Hamburg - Lübeck - München | Danzig
 STETTIN (1908) - Nürnberg - Stuttgart
 EMDEN (1908) - Dresden
 KOLBERG (1909) - Augsburg - Köln - Mainz
 BRESLAU (1912) - Magdeburg - Stralsund - Strassburg
 KARLSRUHE (1913) - Rostock - Graudenz - Regensburg
 FRANKFURT (1915) - Weisbaden
 ELBING (1915) - Pillau
 BREMSE (1916) - Brummer
 KONIGSBERG 2 (1916) - Emden - Karlsruhe - Nürnberg
 KONIGSBERG (1929) - Köln - Karlsruhe
 Z1 to 16 (1937) - Maas - Thiele - Schultz - Beitzen - Jacobi - Riedel - Schoemann - Giese - Ihn - Lody...
 Z17 to 22 (1939) - Von Roeder - Ludemann - Kuhne - Galster - Heidkamp - Schmitt

GREAT BRITAIN

BARFLEUR (1893) - Centurion
 TRAFALGAR (1890) - Nile
 ROYAL SOVEREIGN (1892) - Empress of India - Repulse - Ramillies - Resolution - Revenge - Royal Oak
 MAJESTIC (1895) - Magnificent - Hannibal - Prince George - Victorious - Jupiter - Mars - Caesar - Illustrious
 CANOPUS (1899) - Goliath - Albion - Ocean - Glory - Vengeance
 FORMIDABLE (1901) - Irresistable - Implacable - London - Bulwark - Venerable - Queen - Prince of Wales
 DUNCAN (1901) - Russel - Albarmarle - Montagu - Cornwallis - Exmouth
 TRIUMPH (1904) - Swiftsure
 KING EDWARD VII (1903) - Commonwealth - Dominion - Hibernia - Britannia - Africa - Hindustan - Zealandia
 LORD NELSON (1908) - Agamemnon
 INVINCIBLE (1908) - Indomitable - Inflexible
 BELLEROPHON (1909) - Temeraire - Superb
 ST. VINCENT (1909) - Collingwood - Vanguard
 COLOSSUS (1911) - Hercules
 INDEFATIGABLE (1911) - New Zealand - Australia
 ORION (1912) - Monarch - Conqueror - Thunderer
 LION (1912) - Princess Royal - Queen Mary
 KING GEORGE V (1913) - Centurion - Ajax - Audacious
 IRON DUKE (1914) - Marlborough - Benbow - Empress of India
 QUEEN ELIZABETH (1915) - Warspite - Valiant - Barham - Malaya
 ROYAL SOVEREIGN (1916) - Revenge - Royal Oak - Resolution - Ramillies
 RENOWN (1916) - Repulse
 COURAGEOUS (1917) - Glorious
 NELSON (1927) - Rodney
 KING GEORGE V (1940) - Prince of Wales - Duke of York - Anson - Howe
 BLAKE (1890) - Blenheim
 CRESCENT (1892) - Royal Arthur
 EDGAR (1893) - Endymion - Gibraltar - Grafton - Hawke - Theseus
 ECLIPSE (1896) - Diana - Doris - Isis - Juno - Minerva - Talbot - Venus - Dido
 ARROGANT (1898) - Vindictive - Gladiator - Furious
 DIADEM (1898) - Amphitrite - Argonaut - Ariadne - Europa - Niobe - Andromeda - Spartiate

POWERFUL (1898) - Terrible
 HIGHFLYER (1900) - Hermes - Hyacinth
 CRESSY (1901) - Aboukir - Bacchante - Euryalus - Hogue - Sutelej
 DRAKE (1902) - Good Hope - King Alfred - Leviathan
 MONMOUTH (1903) - Berwick - Cornwall - Suffolk - Lancaster - Kent - Essex - Cumberland - Donegal - Bedford
 DEVONSHIRE (1904) - Antrim - Argyll - Carnarvon - Hampshire - Roxburg
 CHALLENGER (1905) - Encounter
 BLACK PRINCE (1905) - Duke of Edinburgh
 WARRIOR (1907) - Achilles - Cochrane - Natal
 MINOTAUR (1908) - Defence - Shannon
 HAWKINS (1919) - Raleigh
 FROBISHER (1924) - Effingham
 KENT (1928) - Suffolk - Cumberland - Cornwall - Berwick - Australia - Canberra
 LONDON (1929) - Sussex - Shropshire - Devonshire
 DORSETSHIRE (1930) - Norfolk
 YORK (1930) - Exeter
 APOLLO (1892) - Brilliant - Rainbow - Sirius - Sappho - Thetis - Naiad - Sybille - Scylla - Retribution...
 ASTRAE (1894) - Charybdis - Fox - Forte - Cambrian - Bonaventure - Flora - Hermione
 PELORUS (1897) - Pegasus - Pioneer - Proserpine - Psyche - Pyramus - Pandora - Prometheus - Perseus - Pactolus
 TOPAZE (1904) - Amethyst - Diamond - Sapphire
 SENTINEL|FORWARD (1905) - Skirmisher | Foresight - Pathfinder - Patrol
 ADVENTURE (1905) - Attentive
 BOADICEA (1909) - Bellona
 BLANCHE (1910) - Blonde - Active - Amphion - Fearless
 BRISTOL (1910) - Glasgow - Gloucester - Liverpool - Newcastle
 CHATHAM|WEYMOUTH (1912) - Dublin - Southampton - Melbourne - Sydney - Brisbane | Dartmouth - Falmouth...
 BIRMINGHAM (1914) - Lowestoft - Nottingham
 BIRKENHEAD (1915) - Chester
 ARETHUSA (1914) - Aurora - Galatea - Inconstant - Penelope - Phaeton - Royalist - Undaunted
 CAROLINE (1914) - Carysfort - Cleopatra - Comus - Conquest - Cordelia
 CALLIOPE (1915) - Champion
 CAMBRIAN (1915) - Canterbury - Castor - Constance
 CENTAUR (1916) - Concord
 CALEDON|CERES (1917) - Calypso - Caradoc - Cassandra | Cardiff - Coventry - Carlisle - Cairo - Calcutta...
 DANAE|DELHI (1918) - Dauntless - Dragon | Dunedin - Durban
 LEANDER (1933) - Orion - Achilles - Ajax - Neptune
 NEWCASTLE (1937) - Southampton - Sheffield - Glasgow - Birmingham - Manchester - Liverpool - Gloucester
 DIDO (1940) - Bonaventure - Phoebe
 NAIAD (1940) - Euryalus - Hermione - Sirius - Cleopatra - Argonaut
 SPARTAN (1943) - Bellona - Black Prince - Royalist - Diadem
 FIJI (1940) - Kenya - Nigeria - Mauritius - Trinidad - Jamaica - Gambia - Bermuda
 UGANDA (1943) - Newfoundland - Ceylon
 SWIFTSURE (1944) - Ontario - Superb
 A CLASS (1893) - Ardent - Boxer - Hardy - Hornet - Shark - Spitfire - Swordfish - Wizard - Zephyr - Zebra...
 B|C|D CLASSES (1896) - Griffon - Wolf - Albatross - Avon - Falcon - Star - Angler - Fame - Stag - Thorn...
 ALBACORE (1908) - Bonnetta - Arab - Express - Cobra
 RIVER CLASS (1903) - Dee - Exe - Swale - Ribble - Usk - Welland - Kale - Blackwater - Foyle - Ness ...
 TRIBAL 1 CLASS (1907) - Afridi - Cossack - Ghurka - Mohawk - Tartar
 TRIBAL 2 CLASS (1908) - Amazon - Crusader - Maori - Nubian - Saracen - Viking - Zulu
 G CLASS (1909) - Basilisk - Foxhound - Harpy - Scourge - Renard - Savage - Scorpion - Grampus - Beagle...
 H CLASS (1910) - Acorn - Comet - Goldfinch - Staunch - Brisk - Fury - Nemesis - Rifleman - Sheldrake...
 I CLASS (1911) - Defender - Acheron - Phoenix - Archer - Goshawk - Druid - Hydra - Jackal - Badger...
 FIREDRAKE (1912) - Lurcher - Oak
 K CLASS (1912) - Acasta - Contest - Lynx - Shark - Sparrowhawk - Paragon - Fortune - Ardent - Cockatrice...
 L CLASS (1913) - Laforey - Landrail - Louis - Laertes - Lucifer - Loyal - Lance - Lennox - Liberty...
 M CLASS (1915) - Marmion - Mary Rose - Nestor - North Star - Partridge - Oberon - Octavia - Portia...
 BOTHA (1914) - Broke - Faulknor - Tipperary
 TALISMAN (1916) - Termagant - Trident - Turbulent
 MARKSMAN (1915) - Nimrod - Lightfoot - Anzac - Hoste - Gabriel - Ithuriel - Saumarez - Seymour - Parker...

R CLASS (1916) - Radstock - Raider - Recruit - Simoom - Restless - Satyr - Tempest - Torrent - Sable...
 S CLASS (1918) - Sabre - Sardonyx - Stronghold - Thanet - Thracian - Trojan - Trinidad - Stalwart...
 V CLASS (1917) - Valentine - Vampire - Vittoria - Vampire - Vimiera - Vivacious - Vendetta - Vanoc...
 W CLASS (1918) - Wakeful - Warwick - Waterhen - Wessex - Whirlwind - Whitley - Wrestler - Wryneck...
 SHAKESPEARE (1917) - Spencer - Wallace - Keppel - Rooke
 BRUCE (1918) - Campbell - Scott - Stuart - Montrose - Malcom - Mackay - Douglas
 ABCD LEADERS (1929) - Codrington - Keith - Assinboine - Duncan
 A CLASS (1929) - Acasta - Achates - Acheron - Ardent - Arrow - Anthony - Antelope - Active - Skeena...
 B CLASS (1930) - Basilisk - Beagle - Blanche - Boadicea - Boreas - Brazen - Brilliant - Bulldog
 C CLASS (1931) - Restigouche - Fraser - Ottawa - St. Laurent
 D CLASS (1932) - Dainty - Daring - Decoy - Defender - Delight - Diamond - Diana - Duchess
 E|F CLASS (1934) - Echo - Eclipse - Electra - Encounter - Escort | Firedrake - Fearless - Foresight - Fame...
 G|H CLASS (1935) - Greyhound - Grenade - Grafton - Glowworm - Gipsy - Garland | Hasty - Havoc - Hostile...
 I CLASS (1936) - Inglefield - Icarus - Isis - Ilex - Imogen - Imperial - Ivanhoe - Intrepid - Impulsive
 TRIBAL CLASS (1937) - Afridi - Cossack - Gurkha - Maori - Mohawk - Nubian - Zulu - Punjabi - Ashanti...
 J|K CLASSES (1938) - Jackal - Jaguar - Janus - Jersey - Juno | Kelly - Kipling - Khartoum - Kimberley...
 L|M CLASSES (1940) - Laforey - Legion - Lightning - Lively | Mahratta - Martin - Meteor - Marne - Matchless...
 N CLASS (1940) - Napier - Nerissa - Nestor - Nizam - Noble - Nonpareil - Norman - Norseman
 ONSLOW|ORIBI (1941) - Onslaught - Offa
 OBDURATE (1942) - Obedient - Opportune - Orwell
 P CLASS (1941) - Pakenham - Paladin - Panther - Partridge - Pathfinder - Penn - Petard - Porcupine
 Q|R CLASSES (1942) - Quail - Quentin - Quality - Quiberon | Raider - Rapid - Rocket - Relentless - Redoubt...
 STUVW CLASSES (1942) - Swift - Savage - Troubridge - Tenacious - Ulster - Vigilant - Wakeful - Zodiac...
 Z|C CLASSES (1943) - Zebra - Zenith - Caesar - Cambrian - Chaplet - Chevron - Comet - Consort - Crown...
 BATTLE CLASS (1945) - Armada - Barfleur - Camperdown - Gabbard - Hogue - Trafalgar - Agincourt - Saintes...
 ILLUSTRIOUS (1940) - Victorious - Formidable
 IMPLACABLE (1944) - Indefatigable

GREECE

PSARA (1890) - Spetsai - Hydra
 THYELLA|DOXA (1907) - Sfendoni - Naphkratoussa - Lonchi | Aspis - Niki - Velos
 KERVANOS (1912) - Neagenea
 AETOS (1912) - Leon - Jerax - Panthir

ITALY

ANDREA DORIA (1891) - Ruggiero di Lauria - Francesco Morosini
 RE UMBERTO (1893) - Sardegna - Sicilia
 AMMIRAGLIO DI ST. BON (1900) - Emanuele Filiberto
 REGINA MARGHERITA (1904) - Benedetto Brin
 REGINA ELENA (1907) - Napoli - Roma - Vittorio Emanuele
 CONTE DI CAVOUR (1914) - Giulio Cesare - Leonardo Da Vinci
 ANDREA DORIA (1916) - Caio Duilio
 VITTORIO VENETO (1940) - Littorio - Roma [Impero]
 ETNA (1888) - Fieramosca - Vesuvio - Stromboli
 CARLO ALBERTO (1898) - Vettor Pisani
 GUISEPPI GARIBALDI (1902) - Varese - Francesco Ferruccio
 SAN GIORGIO (1910) - San Marco
 ZARA (1931) - Fiume - Gorizia - Pola
 LOMBARDIA (1891) - Etruria - Liguria - Umbria
 DA BARBIANO (1931) - Di Giussano - Bartolomeo Colleoni - Giovanni Delle Bande Nere
 MONTECUCCOLI (1935) - Muzio Attendolo
 EMANUELE FILIBERTO DUCA D'AOSTA (1935) - Eugenio Di Savoia
 GARIBALDI (1937) - Luigi Di Savoia Duca Degli Abruzzi
 CAPITANI ROMANI (1942) - Attilio Regolo - Pompeo Magno - Scipione Africano [Caio Marco - Claudio Tiberio]...

LAMPO (1900) - Freccia - Dardo - Strale - Euro
 NEMBO (1903) - Turbine - Aquilone - Borea - Zeffiro - Espero
 CARABINIERI (1907) - Artigliere - Alpino - Corazziere - Fuciliere - Granatiere - Lanciere - Bersagliere...
 ARDENTE (1912) - Ardito
 INDOMITO (1912) - Impavido - Impetuoso - Insidioso - Intrepido - Irrequieto
 ANIMOSO (1913) - Audace
 ABBA (1914) - Nullo - Mosto - Pilo - Nievo - Schiaffino - Bronzetti - Missori
 SIRTORI (1917) - Acerbi - Orsini - Stocco
 LA MASA (1918) - Bassini - Carini - Bertani - Fabrizi - La Farina - Medici - Cairoli
 PALESTRO (1921) - Confienza - San Martino - Solferino
 GENERALI (1921) - Cantore - Cascino - Chinotto - Montanari - Papa - Prestinari
 CURTATONE (1923) - Calatafimi - Castelfidardo - Monzambano
 MIRABELLO (1916) - Riboty
 LEONE (1924) - Pantera - Tigre
 SELLA (1929) - Crispi - Ricasoli - Nicotera
 SAURO (1927) - Battisti - Manin - Nullo
 TURBINE (1927) - Aquilone - Borea - Espero - Euro - Nembo - Ostro - Zeffiro
 NAVIGATORI (1929) - Da Mosto - Da Noli - Da Recco - Da Verazzano - Malocello - Pancaldo - Vivaldi - Zeno...
 DARDO (1931) - Freccia - Saetta - Strale
 FOLGORE (1932) - Baleno - Fulmine - Lampo
 MAESTRALE (1934) - Grecale - Libeccio - Scirocco
 ORIANI (1937) - Alfieri - Carducci - Gioberti
 SOLDATI 1 (1938) - Artigliere - Ascari - Aviere - Bersagliere - Granatiere - Corazziere - Fuciliere - Alpino
 CAMICIA NERA (1938) - Carabiniere - Geniere - Lanciere
 SOLDATI 2 (1942) - Bombardiere - Carrista - Corsaro - Legionario - Mitragliere - Squadrista - Velite

JAPAN

SHIKISHIMA (1901) - Hatsuse
 KONGO (1913) - Hiei - Kirishima - Haruna
 MYOKO (1928) - Nachi - Haguro - Ashigara
 TAKAO (1932) - Atago - Maya - Chokai
 CHIKUMA (1912) - Hirado - Yahagi
 KUMA (1920) - Tama - Kitakami - Oi - Kiso
 NAGARA (1922) - Isuzu - Yura - Natori - Kinu - Abukuma
 SENDAI (1924) - Naka - Jintsu
 KATORI (1940) - Kashima - Kashii - Kashiwara
 AGANO (1942) - Noshiro - Yahagi - Sakawa
 IKAZUCHI (1899) - Inazuma - Niji - Akebono - Oboro - Sazanami
 MURAKUMO|HARUSAME (1899) - Yugure - Shirakumo - Asashio - Kagero - Kasumi | Murasame - Asagiri - Fubuki...
 ASAKAZE (1906) - Wakaba - Ushio - Kisaragi - Kamikaze - Hatsushimo - Harukaze - Yayoi - Oite - Hibiki...
 KABA|SAKURA (1912) - Matsu - Kashiwa - Katsura - Kaede - Kiri - Sakaki - Ume - Sugi - Kusunoki | Tachibana
 MOMO|ENOKI (1917) - Kashi - Hinoki - Yunagi | Nara - Tsubaki - Kuwa - Keyaki - Maki
 MOMI (1919) - Kaya - Nire - Nashi - Hasu - Tsuga - Warabi - Take - Aoi - Hagi - Ashi - Hishi - Yomogi...
 WAKATAKE (1922) - Asagao - Basho - Botan - Huyo - Karukaya - Kijiko - Kuretake - Nadeshiko - Sanae...
 AMATSUKAZE (1916) - Isokaze - Tokitsukaze - Hamakaze
 MINEKAZE (1919) - Sawakaze - Okikaze - Hakaze - Yakaze - Nadakaze - Shimakaze - Akikaze - Namikaze - Hokaze...
 KAMIKAZE (1922) - Asakaze - Harukaze - Matsukaze - Hatakaze - Oite - Hayate - Asanagi - Yunagi
 MUTSUKI (1925) - Fumitsuki - Kikutsuki - Kisaragi - Mikatsuki - Minatsuki - Mochitsuki - Uzuki - Yayoi...
 FUBUKI (1928) - Hatsuyuki - Isonami - Miyuki - Murakumo - Shinonome - Shirayuki - Uranami - Usugumo-Shirakumo
 AKEBONO (1931) - Amagiri - Asagiri - Ayanami - Oboro - Sagiri - Sazanami - Shikinami - Ushio - Yugiri
 AKATSUKI (1932) - Hibiki - Ikazuchi - Inadzuma
 HATSUHARU (1933) - Ariake - Hatsushimo - Nenohi - Wakaba - Yugure
 SHIRATSUYU (1936) - Harusame - Kawakaze - Murasame - Yudachi - Yamakaze - Samidare - Shigure - Suzukaze...
 ASASHIO (1937) - Arare - Arashio - Asagumo - Kasumi - Michishio - Minegumo - Natsugumo - Ooshio - Yamagumo
 KAGERO (1939) - Hayashio - Natsushio - Arashi - Hagikaze - Hatsukaze - Kuroshio - Oyashio - Tokitsukaze...
 YUGUMO (1941) - Takanami - Akigumo - Akishimo - Asashimo - Fujinami - Hamanami - Suzunami - Okinami - Onami...
 AKITSUKI (1942) - Niitsuki - Shimotsuki - Terutsuki - Wakatsuki - Hatsutsuki - Natsusuki - Fuyutsuki...
 MATSU (1944) - Enoki - Hinoki - Kuwa - Matsu - Momi - Momo - Sakura - Tachibana - Ume - Kaede - Maki - Sugi...

UNRYU (1944) - Amagi - Katsuragi
 TAIYO (1941) - Unyo - Chuyo

NETHERLANDS

EVERSTEN (1896) - Piet Hein - Kortenaer
 DE RUYTER (1901) - Hertog Hendrik - Königin Regentes
 GELDERLAND (1898) - Noordbrabant - Holland - Zeeland - Friesland - Utrecht
 FRET (1910) - Wolf - Jakhals - Bulhond - Hermyln - Lynx - Panter - Vos
 KORTENAER (1927) - Piet Hein - Evertsen - van Ghent
 VAN NES (1929) - Banckert - van Galen - Witte de With

NORWAY

TORDENSKJOLD (1898) - Harald Haarfagre
 NORGE (1901) - Eidsvold
 GARM (1908) - Draug - Troll

RUSSIA

IMPERATOR ALEKSANDR II (1891) - Imperator Nicolai I
 IMPERATRITSA EKATERINA II (1889) - Chesma - Sinope - Georgi Pobiedonosetz
 ADMIRAL SENYAVIN (1895) - Admiral Ushakov
 SEVASTOPOL (1898) - Petropavlovsk - Poltava
 OSLYABYA (1901) - Peresviet - Pobieda
 BORODINO (1903) - Slava - Imperator Aleksandr III - Knaiz Suvorov - Orel
 EVSTAFI (1910) - Zlatoust
 IMPERATOR PAVEL I (1910) - Andrei Pervozvanni
 GANGUT|MARAT (1914) - Petropavlovsk - Sevastopol - Poltava
 IMPERATRITSA MARIA (1915) - Imperatritsa Ekaterina II - Imperator Aleksandr III
 VARIAG (1900) - Askold
 NOVIK (1901) - Izumrud - Jemtchug
 PALLADA (1902) - Diana - Avrora
 BOGATYR (1902) - Oleg - Otchakov - Kagoul
 KIROV (1938) - Voroshilov
 MAKSIM GORKY (1940) - Molotov - Kalinin - Kaganovich
 BESTRASCHNI|BRAVY (1900) - Besposchtschadni - Beschumni | Boiky - Bodry - Grosny - Vidny - Gromyastchy
 STROGNY|ZAVIDNY (1900) - Smetlivy - Stremitelny - Svirepy | Zavetny - Jarky - Zvonky - Jeevootchy - Zorky...
 LOWKI|DYELNY (1904) - Legki - Likoi - Iskussni - Metki - Krepki | Dostoini - Rastoropni - Stroiny - Sinly...
 BARANOFF (1905) - Shestakof - Saken - Zatzarenniy
 BOYEVOI (1905) - Burni - Vinoslivi - Vnuschitelni - Vnimatelni - Dmitrieff - Sergieff - Bditelni...
 STRASHMI (1905) - Kasanets - Steregouchi - Turkmenets-Stavropolsky - Ukraina - Zabaikaletz - Volskovoi...
 BISTRY (1911) - Bepokoiny - Dersky - Gnievny - Gromky - Pospyechny - Pronsitelny - Pulky - Stschastliry
 ISYASLAV (1915) - Briatshislav - Stratilat - Priamislav - Azard
 LENINGRAD (1936) - Baku - Kharkov - Minsk - Moskva - Tbilisi
 DZERZHINSKI (1918) - Zante - Levkos - Petrovsky
 TYPE 7 (1937) - Bystry - Boiky - Bezuprechny - Bditelny - Gnevny - Gordy - Gromky - Grozny - Smetlivy...
 TYPE 7-U (1941) - Storozhevoi - Silny - Surovy - Serdity - Smely - Stoiky - Strashny - Slavny - Skory...

SWEDEN

THOR (1899) - Niord
 ARAN (1902) - Vasa - Tapperheten - Manligheten
 SVERIGE (1917) - Drottning Victoria - Gustav V
 WALE (1906) - Ragnar - Sigurd - Vidar

EHRENSKJOLD (1926) - Nordenskjold - Klas Horn - Klas Ugglå
 STOCKHOLM (1935) - Göteborg - Malmo - Karlskrona

TURKEY

MEDJIDIEH (1904) - Hamidieh
 SAMSOUN (1908) - Basra - Tassos - Yar-Hissar
 ADATEPE (1931) - Kocatepe - Zafer - Tinaztepe

UNITED STATES

INDIANA (1895) - Massachusetts
 KEARSARGE (1900) - Kentucky
 ILLINOIS (1901) - Alabama - Wisconsin
 MAINE (1902) - Missouri - Ohio
 VIRGINIA (1906) - Nebraska - Georgia - New Jersey - Rhode Island
 CONNECTICUT (1906) - Louisiana - Vermont - Kansas - Minnesota - New Hampshire
 MISSISSIPPI (1908) - Idaho
 SOUTH CAROLINA (1910) - Michigan
 DELEWARE (1910) - North Dakota
 FLORIDA (1911) - Utah
 PENNSYLVANIA (1916) - Arizona
 NEW MEXICO (1918) - Mississippi - Idaho
 TENNESSEE (1920) - California
 COLORADO (1921) - Maryland - Washington - West Virginia
 NORTH CAROLINA (1941) - Washington
 INDIANA (1942) - Massachusetts - Alabama
 IOWA (1943) - Missouri - New Jersey - Wisconsin
 ST. LOUIS (1905) - Milwaukee - Charleston
 PENNSYLVANIA (1905) - West Virginia - California - Colorado - Maryland - South Dakota
 TENNESSEE (1907) - Washington - North Carolina - Montana
 PENSACOLA (1930) - Salt Lake City
 NORTHAMPTON (1931) - Chester - Louisville - Chicago - Houston - Augusta
 INDIANAPOLIS (1932) - Portland
 ASTORIA (1934) - New Orleans - Minneapolis - Tuscaloosa - San Francisco - Quincy - Vincennes
 BALTIMORE (1944) - Boston - Canberra - Pittsburgh - Quincy - St. Paul - Columbus - Helena - Bremerton...
 MONTGOMERY (1893) - Detroit - Marblehead
 DENVER (1903) - Des Moines - Chattanooga - Galveston - Tacoma - Cleveland
 CHESTER (1908) - Birmingham - Salem
 OMAHA (1923) - Milwaukee - Cincinnati - Raleigh - Detroit - Richmond - Marblehead - Trenton - Memphis - Concord
 BROOKLYN (1938) - Philadelphia - Savannah - Nashville - Phoenix - Boise - Honolulu - St. Louis - Helena
 ATLANTA (1942) - Juneau - San Diego - San Juan - Oakland - Reno - Flint - Tucson - Juneau 2 - Spokane - Fresno
 OAKLAND (1943) - Reno - Flint - Tucson
 CLEVELAND (1942) - Columbia - Montpelier - Denver - Amsterdam - Santa Fe - Tallahassee - Birmingham - Mobile...
 BAINBRIDGE (1901) - Barry - Chauncey - Dale - Decatur - Paul Jones - Perry - Preble - Hopkins - Hull - Stewart
 TRUXTUN (1902) - Whipple - Worden - Lawrence - Mac Donough
 SMITH (1909) - Lamson - Preston - Flusser - Reid
 PAULDING (1910) - Drayton - Roe - Terry - Perkins - Sterett - McCall - Monaghan - Trippe - Fanning - Beale...
 CASSIN (1913) - Cummings - Downes - Duncan - Aylwin - Benham - Balch - Nicholson - Winslow - Ericsson...
 TUCKER (1915) - Conyngham - Porter - Wadsworth - Jacob Jones - Wainwright
 SAMPSON (1916) - Rowan - Davis - Allen - Wilkes - Shaw
 CALDWELL (1917) - Craven - Gwin - Conner - Stockton - Manley
 WICKES (1918) - Woolsey - Jacob Jones - Buchanan - Leary - Breese - Gamble - Ramsay - Crosby - Burns - Bagley..
 FAIRFAX (1918) - Taylor - Hart - Ingram - Ludlow - Rathburne - Tarbell - Yarnall - Anthony - Sproston ...
 CLEMSON (1919) - Dahlgren - Borie - Parrott - Edsall - Pope - Peary - Pillsbury - Reuben James - Sturdevant...
 HATFIELD (1920) - Brooks - Gilmer - Fox - Kane
 FARRAGUT (1935) - Dewey - Hull - Mac Donough - Worden - Dale - Monaghan - Aylwin
 PORTER (1936) - Selfridge - McDougal - Winslow - Phelps - Clark - Moffett - Balch

MAHAN (1936) - Reid - Preston - Perkins - Cushing - Tucker - Drayton - Lamson - Cassin - Shaw - Case...
 SOMERS (1937) - Warrington - Sampson - Davis - Jouett
 CRAVEN (1937) - Blue - Helm - Gridley - Henley - Jarvis - Benham - Ellet - Lang - McCall - Rowan - Stack...
 SIMS (1939) - Hammann - Buck - O'Brien - Walke - Roe - Wainwright - Morris - Mustin - Hughes - Anderson...
 BENSON (1940) - Lansdale - Laffey - Barton - H.P. Jones - Niblack - Farenholt - Madison - Gleaves - Mayo...
 LIVERMORE (1940) - Gwin - Meredith - Monssen - Ingraham - Bristol - Cory - Aaron Ward - Beatty - Turner...
 FLETCHER (1942) - Radford - Jenkins - LaVallette - Nicholas - O'Bannon - Chevalier - Strong - DeHaven - Luce...
 SUMNER (1943) - Cooper - Meredith - Cooper - English - Barton - Walke - Laffey - O'Brien - Waldron - Borie...
 ESSEX (1942) - Yorktown - Intrepid - Hornet - Franklin - Lexington - Bunker Hill - Bon Homme Richard...
 INDEPENDENCE (1943) - Princeton - Belleau Wood - Cowpens - Monterey - Langley - Cabot - Bataan - San Jacinto
 LONG ISLAND (1941) - Archer (R.N.)
 BOGUE (1943) - Card - Copahee - Core - Nassau - Barnes - Block Island - Croatan - Prince William - Breton...
 SANGAMON (1943) - Suwanee - Chenango - Santee
 CASABLANCA (1944) - Liscome Bay - Coral Sea - Corregidor - Gambier Bay - Ommaney Bay - Bismarck Sea...
 COMMENCEMENT BAY (1945) - Block Island - Gilbert Islands - Kula Gulf - Puget Sound - Cape Gloucester...

AIRCRAFT

The aircraft data that follows represents a listing of the most frequently encountered naval aircraft types as well as a few of the more prominent army aircraft. Only the major powers that actually produced the aircraft have been included due to the fact that most of the smaller countries usually purchased their aircraft from the countries listed.

The first line of the data includes the name of the manufacturer, the period during which the aircraft saw service, the service designation, the Attack Value/Defense Value of the aircraft, and the typical offensive load. The second line includes the name of the aircraft, its Maximum Speed/Cruising Speed, its Normal Range/Maximum Range in nautical miles, its Service Ceiling in feet, and an alternative offensive load. It should be noted that the maximum range is usually when the aircraft is carrying extra fuel and, thus a reduced offensive load.

Much of the information for the various aircraft cannot be called 100% correct due to the fact that sources provided conflicting data for the same aircraft. This is unfortunate, but understandable because there are a number of factors that can affect a particular plane's performance (i.e. weight, headwinds, tailwinds, etc.).

FRANCE

BESSON MB-411	1935-41 Shipboard floatplane (submarines) 101/71 knots 189/355 nm	--/29	
BLOCH 200	1934-41 Shore-based medium bomber 155/ knots 546/ nm	2/69	up to 2,746 lbs BOMBS
BLOCH 151	1939-40 Shore-based fighter 265/ knots 350/ nm	17/48 32,800'	
BREGUET Bre 521 Bizerte	1939-42 Recon flying boat 133/90 knots /1640 nm	2/97 19,685'	up to 660 lbs BOMBS
C.A.M.S. 37.2	1927-40 Shipboard floatplane 92/80 knots 437/ nm	2/49 11,155'	4x165 lb BOMBS
C.A.M.S. 55.10	1930-40 Recon flying boat 118/83 knots 711/ nm	2/70 11,155'	2x165 lb BOMBS
DEWOITINE D.376	1930-40 Shipboard fighter 219/ knots 383/ nm	6/45 32,800'	
DEWOITINE D.501	1933-40 Shore-based fighter 182/123 knots 475/ nm	11/47 33,165'	
DEWOITINE D.520	1939-41 Shore-based fighter 290/218 knots 546/684 nm	15/48 36,090'	
GOURDOU-LESEU. GL-810Hy	1929-40 Shipboard floatplane 100/86 knots /306 nm	2/44 18,045'	2x165 lb BOMBS
GOURDOU-LESEU. GL-832Hy	1940-41 Shipboard floatplane 106/ knots /306 nm	1/36 15,750'	
LATECOERE Laté 29.0	1932-40 Torpedo-bomber floatplane 115/87 knots /382 nm	2/57 13,450'	1x15.7" TORPEDO (2x330 lb BOMBS)
LATECOERE Laté 298D.	1938-41 Torpedo-bomber floatplane 158/130 knots 437/1203 nm	2/58 21,325'	1x15.7" TORPEDO (1x1100 lb BOMB)
LEVASSEUR P.L.7 Series 2	1927-40 Carrier-based torpedo-bomber 110/98 knots 352/528 nm	-/55 9,432'	1x15.7" TORPEDO
LEVASSEUR P.L.101	1929-36 Carrier-based recon 120/ knots 301/ nm	2/48 1,300'	
LEVASSEUR P.L.15	1934-40 Torpedo-bomber floatplane 104/87 knots 328/820 nm	2/57 13,120'	1x15.7" TORPEDO (1x992 lb + 2x330 lb BOMBS)
LOIRE 130M	1936-41 Shipboard floatplane 121/90 knots /614 nm	2/48 19,685'	2x165 lb BOMBS
LIORE-ET-OLIV. LeO H-257bis	1934-40 Torpedo-bomber floatplane 126/101 knots 336/820 nm	2/74	1x15.7" TORPEDO (1x904 lb + 4x496 lb BOMBS)
LOIRE-NIEUPORT LN 401	1939-41 Carrier-based dive-bomber 208/163 knots /656 nm	3/50 31,168'	up to 496 lbs BOMBS
POTEZ 452	1932-40 Shipboard floatplane 119/ knots /340 nm	1/43 18,040'	

GERMANY

ALBATROS W4	1916-18 Station defence seaplane 88/ knots / 270 nm	1/31 9,840'	
ARADO Ar 95A-1	1938-41 Torpedo recon floatplane 164-138 knots / 598 nm	2/53 23,950'	1x TORPEDO (1x827 lb + 6x110 lb BOMBS)

ARADO Ar 195V3	PLANNED Carrier-based torpedo-bomber 158/136 knots / 355 nm	2/47 19,685'	1x TORPEDO (1x1,102 lb BOMB)
ARADO 196A-3	1939-45 Shipboard recon seaplane 171/146 knots 437/ nm	4/51 22,965'	2x110 lb BOMBS
ARADO 197V-3	PLANNED Carrier-based fighter 218/194 knots 380/ 895 nm	21/46 28,215'	4x110 lb BOMBS
BRANDENBURG K.D.W.	1917-18 Shore-based seaplane fighter 93/ 76 knots / 225 nm	2/34	
BRANDENBURG W.12	1917-18 Shore-based seaplane fighter 88/ knots / 315 nm	2/34 16,400'	
BRANDENBURG W.19	1917-18 Shore-based patrol seaplane 83/ knots / 374 nm	5/41	
BRANDENBURG W.29	1918- Shore-based fighter seaplane 96/ knots / 320 nm	4/34	
BRANDENBURG GW	1916-18 Shore-based torpedo-seaplane 57/ knots	1/51	1x17.7" TORPEDO
BRANDENBURG C.C.	1916-18 Shore-based recon seaplane 96/ knots	2/30	
BLOHM & VOSS BV 138B/C	1941-44 Shore-based flying boat 156/128 knots 667/2349 nm	4/107 16,400'	3x110 lb BOMBS
DORNIER Do 15	1934-38 Shore-based flying boat 120/104 knots 1202/ nm	2/75 9,840'	4x110 lb BOMBS
DORNIER Do 17E	1937-43 Shore-based medium bomber 194/143 knots 545/ 820 nm	2/69 16,370'	up to 1,650 lbs BOMBS
DORNIER Do 18	1938-41 Shore-based flying boat 146/ 90 knots /1914 nm	3/79 13,800'	2x110 lb BOMBS
DORNIER Do217E	1941-43 Shore-based heavy bomber 282/215 knots 1258/1531 nm	4/94 24,600'	8x551 lb + 4x1,102 lb BOMBS
FRIEDRICHSHAFEN FF 33e	1915-18 Shipboard recon seaplane 75/ knots / 375 nm	1/35	1x85 lb BOMB
FRIEDRICHSHAFEN FF 49c	1917-18 Shipboard recon seaplane 77/ knots / 420 nm	1/42	
FIESELER Fi 167A-0	1940-43 Carrier-based torpedo-bomber 175/136 knots 492/ 820 nm	2/55 25,000'	1xTORPEDO (4x110 lb + 1x551 lb BOMBS)
FOCKE-WULF Fw 190A	1941-45 Shore-based fighter-bomber 354/262 knots 398/ 818 nm	28/61 33,800'	1x551 lb BOMB (4x110 lb BOMBS)
FOCKE-WULF Fw 190D	1942-45 Shore-based fighter-bomber 349/ knots 457 nm	16/61	1x1,102 lb BOMB
FOCKE-WULF Fw200C Condor	1940-45 Shore-based recon bomber 197/139 knots 1945/2429 nm	4/112 19,000'	2x1,102 lb + 2x551 lb + 12x110 lb BOMBS
GOTHA G IV & G V	1917-18 Shore-based bomber 77/ knots / 305 nm	2/52 21,320'	up to 1,100 lbs BOMBS
GOTHA W.D. 14	1916-18 Shore-based torpedo seaplane 74/ knots / 550 nm	2/58	1xTORPEDO
HEINKEL He 45C	1933-42 Shore-based light bomber 158/114 knots / 655 nm	2/49 18,045'	up to 660 lbs BOMBS
HEINKEL He 50A	1935-42 Shore-based dive-bomber 126/101 knots / 328 nm	1/43 21,000'	up to 1,102 lbs BOMBS

HEINKEL He 51B	1934-37 Shore-based fighter 180/142 knots / 311 nm	3/41 25,260'	
HEINKEL He 59B	1934-43 Shore-based torpedo seaplane 120/ 98 knots 515/ 836 nm	2/72 11,480'	1x TORPEDO (2x1,102 lb BOMBS)
HEINKEL He 111B	1937-44 Shore-based medium bomber 202/178 knots 906/ nm	2/78 22,966'	8x220 lb BOMBS
HEINKEL He 111E	1938-45 Shore-based medium bomber 230/178 knots 820/ nm	2/81 23,620'	8x551 lb BOMBS
HEINKEL He 111H	1939-45 Shore-based medium bomber 200/180 knots 1066/ nm	4/93 21,980'	16x110 lb + 1x2,204 lb BOMBS (2xTORPEDOES)
HEINKEL He 114A	1937-43 Shore-based recon floatplane 183/148 knots / 502 nm	1/51 16,075'	2x110 lb BOMBS
HEINKEL He 115	1939-42 Shore-based torpedo seaplane 164/148 knots 1364/1531 nm	3/83 16,950'	1xTORPEDO (5x551 lb BOMBS)
HENSCHEL Hs 123A	1938-43 Shore-based dive-bomber 186/170 knots / 470 nm	2/42 29,525'	4x110 lb BOMBS
JUNKERS Ju 86D	1936-43 Shore-based medium bomber 178/150 knots 623/1091 nm	2/73 19,360'	8x220 lb BOMBS (16x110 lb BOMBS)
JUNKERS Ju 87B	1938-42 Shore-based dive-bomber 209/154 knots 325/ 431 nm	2/55 26,250'	1x1,102 lb BOMB
JUNKERS Ju 87D	1942-45 Shore-based dive-bomber 224/156 knots 449/ 839 nm	2/64 23,905'	1x1,102 lb BOMB
JUNKERS Ju 88A	1939-45 Shore-based dive-bomber 256/202 knots 978/1492 nm	3/97 26,900'	10x110 lb + 4x551 lb BOMBS
JUNKERS Ju 188E	1943-45 Shore-based medium bomber 273/202 knots 1064/ nm	4/97 30,655'	4x1,102 lb BOMBS (2xTORPEDOES)
MESSERSCHMITT Bf 109B	1935-40 Shore-based fighter 242/190 knots / 378 nm	6/42 26,900'	
MESSERSCHMITT Bf 109D	1939-41 Shore-based fighter 314/190 knots / 306 nm	11/45 32,810'	
MESSERSCHMITT Bf 109E	1940-42 Shore-based fighter 300/180 knots / 361 nm	17/46 34,450'	
MESSERSCHMITT Bf 109T	1941-42 Shore(& Carrier)-based fighter 314/193 knots / 500 nm	18/47 34,450'	1x551 lb BOMB
MESSERSCHMITT Bf 109G	1942-45 Shore-based fighter 350/283 knots 299/ 464 nm	10/50 39,370'	
MESSERSCHMITT Bf 110C	1939-44 Shore-based fighter 295/190 knots 594/ nm	20/68 32,810'	

GREAT BRITAIN

ARMSTRONG-WHITWORTH Whitley I	1937-40 Shore-based bomber 169/140 knots 1100/ nm	3/81 19,000'	up to 3,000 lbs BOMBS
ARMSTRONG-WHITWORTH Whitley V	1940-42 Shore-based bomber 195/162 knots 414/ nm	3/94 17,600'	up to 7,000 lbs BOMBS
AVRO Anson I	1936-45 Shore-based recon 165/139 knots 695/ nm	2/52 19,000'	up to 360 lbs BOMBS

AVRO Manchester I	1940-42 Shore-based medium bomber 233/ knots 1434/ nm	3/50 19,200'	up to 8,100 lbs BOMBS
AVRO Lancaster I	1941-45 Shore-based heavy bomber 252/185 knots 1460/ nm	4/126 24,500'	1x22,000 lb BOMB(915 nm) (up to 14,000 lbs BOMBS)
BLACKBURN Ripon IIA	1929-35 Carrier-based torpedo bomber 110/ 87 knots 709/ 927 nm	-/47 12,700'	1x18" TORPEDO (up to 1,650 lbs BOMBS)
BLACKBURN Baffin	1934-37 Carrier-based torpedo bomber/recon 110/ 87 knots 391/ nm	2/41 15,000'	1x18" TORPEDO (1x2,000 lb BOMB)
BLACKBURN Shark I/II/III	1935-38 Carrier-based torpedo bomber/recon 143/103 knots 623/ nm	2/46 20,400'	1x18" TORPEDO (up to 1,500 lbs BOMBS)
BLACKBURN Skua II	1938-41 Carrier-based dive-bomber 196/125 knots 580/ nm	3/53 19,100'	1x500 lb BOMB
BLACKBURN Dart	1923-32 Carrier-based torpedo-bomber 93/ 87 knots 223/ nm	-/45 12,700'	1x18" TORPEDO
BLACKBURN Iris	1930-34 Shore-based flying boat 104/ 85 knots 413/ nm	3/94 10,000'	up to 2,000 lbs BOMBS
BLACKBURN Botha I	1939-41 Shore-based torpedo-bomber 219/186 knots 1118/ nm	3/75 17,500'	1x18" TORPEDO
BEARDMORE W.B. III	1918-20 Carrier-based recon 86/ knots / 206 nm	3/23 12,400'	up to 55 lbs BOMBS
BRISTOL T.B. 8	1913-16 Shore-based recon seaplane/landplane 66/ knots / 300 nm	-/24	
BRISTOL Scout C	1914-18 Shore-based anti-zeppelin recon 82/ knots / 150 nm	3/21 11,000'	
BRISTOL Blenheim I	1937-41 Shore-based light bomber 229/176 knots 990/ nm	2/63 27,280'	up to 1,000 lbs BOMBS
BRISTOL Blenheim IV	1940-42 Shore-based light bomber 234/180 knots 1285/ nm	3/69 22,000'	up to 1,320 lbs BOMBS
BRISTOL Beaufort I	1940-43 Shore-based torpedo bomber 233/176 knots 910/1408 nm	2/78 16,500'	1x18" TORPEDO (up to 1,500 lbs BOMBS)
BRISTOL Beaufighter TFX	1940-45 Shore-based strike fighter 266/ knots 1302/ nm	27/85 15,000'	1x21" TORPEDO (2x250 lb BOMBS)
deHAVILLAND Mosquito VI	1943-45 Shore-based fighter-bomber 334/ knots 1060/1500 nm	30/82 36,000'	4x500 lb BOMBS
FAIREY Swordfish I/II	1936-45 Carrier-based torpedo-bomber 121/ 91 knots 450/ 896 nm	2/46 12,400'	1x18" TORPEDO (3x500 lb BOMBS)
FAIREY Barracuda I/II	1943-45 Carrier-based torpedo/dive-bomber 200/145 knots 596/1000 nm	2/67 18,200'	1x18" TORPEDO (3x500 lb BOMBS)
FAIREY Albacore	1940-43 Carrier-based torpedo-bomber 150/100 knots 550/ 900 nm	2/59 20,700'	1x18" TORPEDO (4x500 lb BOMBS)
FAIREY III F	1928-40 Carrier-based recon fighter 170/105 knots 352/ nm	2/45 20,000'	1x500 lb BOMB
FAIREY Fulmar I/II	1940-45 Carrier-based fighter 231/150 knots 691/ nm	8/63 23,900'	
FAIREY Flycatcher	1923-34 Carrier-based fighter 120/ 98 knots 205/ nm	5/38 20,600'	4x20 lb BOMBS

FAIREY Firefly I	1943-45 Carrier-based fighter-bomber 257/185 knots 671/1186 nm	21/68 29,700'	2x500 lb BOMBS (8x60 lb ROCKETTS)
FAIREY Seal	1933-40 Carrier-based recon 120/ 98 knots 405/ nm	2/45 17,000'	up to 500 lbs BOMBS
FAIREY Campania	1917-20 Shore-based recon seaplane 75/ knots / 315 nm	1/44 7,100'	
FELIXSTOWE F.2A	1917-19 Shore-based recon flying boat 84/ knots / 420 nm	2/61 9,600'	2x230 lb BOMBS
GLOSTER Sea Gladiator	1939-42 Carrier-based fighter 220/180 knots 278/ 361 nm	7/41 32,200'	
HAWKER Osprey III/IV	1932-40 Carrier-based recon fighter 146/100 knots	2/42 23,500'	2x112 lb BOMBS (8x20 lb BOMBS)
HAWKER Nimrod IIS	1934-40 Carrier-based interceptor fighter 170/100 knots 200/ nm	4/40 26,900'	4x20 lb BOMBS
HAWKER Sea Hurricane I/II	1941-45 Carrier-based fighter 300/187 knots 404/ 900 nm	32/53 35,600'	2x250 lb BOMBS
HAWKER Horsley II	1927-34 Shore-based torpedo bomber 104/ knots 900/ nm	2/50 11,200'	1x21" TORPEDO
HAWKER Typhoon IB	1941-45 Shore-based fighter-bomber 362/ knots 448/ 862 nm	27/65 35,200'	2x1,000 lb BOMBS (8x60 lb ROCKETTS)
HANDLEY PAGE Hampden I	1938-43 Shore-based medium bomber 223/147 knots 1056/1658 nm	3/75 19,000'	up to 4,000 lbs BOMBS (1xTORPEDO)
HANDLEY PAGE Halifax I	1940-44 Shore-based heavy bomber 233/ knots 1085/1636 nm	3/129 22,800'	up to 13,000 lbs BOMBS
LOCKHEED Hudson I	1939- Shore-based recon 216/150 knots 1900/ nm	3/75 22,000'	up to 1,000 lbs BOMBS
PARNALL N.2A Panther	1919-24 Carrier-based recon 95/ knots / 340 nm	1/27 14,500'	1x100 lb BOMB
SOPWITH 2F1 Camel	1918-23 Shipboard recon fighter 115/100 knots 187/ 300 nm	5/26 19,000'	2x50 lb BOMBS
SOPWITH T.1 Cuckoo	1918-22 Carrier-based torpedo bomber 93/ 82 knots 198/ 318 nm	-/35 12,100'	1x18" TORPEDO
SOPWITH Pup	1916-20 Carrier-based scout 97/ knots / 225 nm	3/21 18,500'	1x65 lb BOMB
SOPWITH Baby	1915- Carrier-based seaplane-fighter 88/ knots / 198 nm	3/26	2x65 lb BOMBS
SOPWITH 1½ Strutter	1916-19 Shipboard & Carrier recon 86/ knots / 281 nm	3/28 13,000'	2x65 lb BOMBS
SOPWITH Triplane	1916-19 Shore-based naval fighter 103/ knots / 220 nm	5/25 20,500'	1x65 lb BOMB
SARO London II	1936-40 Shore-based recon flying boat 136/113 knots 968/1531 nm	2/73 19,900'	up to 2,000 lbs BOMBS
SUPERMARINE Seafire IIC	1942-45 Carrier-based fighter 295/190 knots 440/ 600 nm	19/51 24,000'	up to 1,500 lbs BOMBS
SUPERMARINE Seafire III	1942-45 Carrier-based fighter 310/190 knots 498/ 677 nm	20/52 32,000'	1x500 lb BOMB (2x250 lb BOMBS)

SUPERMARINE Southampton II	1925-36 Shore-based recon flying boat 95/ 73 knots 677/ 818 nm	2/66 14,000'	up to 1,100 lbs BOMBS
SUPERMARINE Walrus II	1934-45 Shipboard recon flying boat 119/ 84 knots 528/ nm	2/50 18,500'	
SHORT Folder-seaplane	1914-16 Shore-based observation seaplane 70/ knots / 340 nm	-/33	1x14" TORPEDO (2x250 lb BOMBS)
SHORT 827	1915-18 Shore-based observation seaplane 62/ knots / 205 nm	-/37	2x250 lb BOMBS
SHORT 184	1915-18 Shore-based observation seaplane 75/ knots 86/ 336 nm	-/43 5,000'	1x14" TORPEDO (1x520 lb BOMB)
SHORT Singapore III	1935-40 Shore-based recon flying boat 128/ 92 knots 880/ nm	2/92 15,000'	up to 2,000 lbs BOMBS
SHORT Sunderland V	1938-45 Shore-based ASW recon flying boat 187/118 knots 2622/ nm	4/126 17,900'	up to 2,000 lbs BOMBS or DC
SHORT Stirling III	1940-45 Shore-based heavy bomber 238/ knots 519/1769 nm	3/136 17,000'	up to 14,000 lbs BOMBS
VICKERS Vildebeest IV	1937-42 Shore-based torpedo bomber 137/ knots 554/ nm	2/49 17,000'	1x18" TORPEDO (up to 1,000 lbs BOMBS)
VICKERS Wellington	1937-45 Shore-based long-range bomber 207/ knots 1056/2244 nm	3/92 18,000'	up to 4,500 lbs BOMBS

ITALY

ANSALDO A.120	1927-34 Shore-based light recon bomber 139/ knots nm	2/43 22,970'	up to 1,100 lbs BOMBS
BREDA Ba 65	1936-39 Shore-based fighter-bomber 227/ knots 300/620 nm	7/47 25,590'	up to 2,205 lbs bombs
BREDA Ba 88 Lince	1938-43 Shore-based attack bomber 268/ knots 898/ nm	3/70 26,250'	up to 2,205 lbs bombs
C.R.D.A. Z.501 Gabbiano	1935-40 Shore-based flying boat 150/132 knots /1311 nm	2/64 22,965'	up to 1,410 lbs bombs
C.R.D.A. Z.506B Airone	1938-43 Shore-based flying boat 200/164 knots 1094/ nm	2/94 26,240'	up to 2,645 lbs BOMBS (1x17.7" TORPEDO)
C.R.D.A. Z.1007bis	1938-43 Shore-based medium bomber 249/ knots / 981 nm	3/97 24,600'	up to 2,645 lbs BOMBS (2x17.7" TORPEDOES)
CAPRONI Ca 310 Libeccio	1938-43 Shore-based light bomber 200/176 knots 902/ nm	2/58 22,965'	up to 882 lbs BOMBS
FIAT CR.20	1927-38 Shore-based fighter 151/ knots 410/ nm	4/34 24,606'	
FIAT CR.32bis	1934-41 Shore-based fighter 195/ knots 410/ nm	8/41 25,256'	2x110 lb BOMBS
FIAT BR.20M Cicogna	1937-43 Shore-based medium bomber 255/185 knots /1504 nm	3/82 26,240'	up to 3,528 lbs BOMBS
FIAT RS.14B	1941-43 Shore-based recon floatplane 212/180 knots /1366 nm	3/76 16,400'	4x220 lb BOMBS (2x353 lb DC)
FIAT CR.42AS Falco	1939-43 Shore-based fighter 234/188 knots 429/ 554 nm	6/44 33,300'	1x440 lb BOMB

I.M.A.M. Ro 43	1939-43 Shipboard recon floatplane 164/100 knots 437/ 820 nm	2/45 21,650'	
I.M.A.M. Ro 44	1939-43 Shore-based fighter 170/100 knots 262/ 655 nm	4/44 21,650'	
MACCHI MC.200 Saetta	1939-43 Shore-based fighter-bomber 275/245 knots 315/ 475 nm	5/46 29,200'	1x550 lb BOMB
MACCHI MC.202 Folgore	1941-43 Shore-based fighter-bomber 326/ knots 418/ nm	8/51 37,730'	2x220 lb BOMBS
REGGIONE Re.2000 Falco I	1941-43 Shore-based fighter 290/235 knots / 602 nm	7/48 36,745'	
REGGIONE Re.2001 Falco II	1942-43 Shore (& Carrier)-based fighter 297/205 Knots 400/ 568 nm	9/53 39,200'	
SAVOIA-MARCHETTI S.M. 79-II Sparviero	1936-43 Shore-based bomber 235/205 knots 1038/ nm	3/95 21,320'	up to 2,750 lbs BOMBS (2x17.7" TORPEDOES)
SAVOIA-MARCHETTI S.M. 81 Pipistrello	1934-42 Shore-based bomber 186/ knots 902/1094 nm	3/90 22,965'	up to 4,410 lbs BOMBS
SAVOIA-MARCHETTI S.M. 84	1941-43 Shore-based torpedo-bomber 255/217 knots 1000/ nm	4/102 29,512'	up to 4,410 lbs BOMBS (2x17.7" TORPEDOES)

JAPAN

AICHI D1A-1 Susie	1935-40 Carrier-based dive bomber 151/110 knots 570/ nm	2/40 22,965'	1x551 lb + 2x66 lb BOMBS
AICHI D1A-2 Susie	1937-40 Carrier-based dive-bomber 167/120 knots 576/ nm	2/42 22,900'	as above
AICHI D3A-1 Val	1940-43 Carrier-based dive-bomber 209/160 knots 795/ nm	2/52 30,050'	as above
AICHI D3A-2 Val	1942-44 Carrier-based dive-bomber 232/162 knots 730/ nm	2/53 34,450'	as above
AICHI B7A-2 Grace	1944-45 Carrier-based torpedo-dive bomber 306/ knots 1040/ nm	4/64 36,910'	1x17.7" TORPEDO (2x551 lb BOMBS)
AICHI E16A-1 Paul	1944-45 Shore-based recon seaplane 237/180 knots 635/1307 nm	4/57 32,810'	1x551 lb BOMB
AICHI M6A-1 Serian	1944-45 Submarine-based recon bomber 256/160 knots / 642 nm	2/60 32,480	2x551 lb BOMBS
AICHI E13A-1 Jake	1941-44 Shipboard recon seaplane 203/120 knots /1128 nm	1/54 28,640	1x551 lb BOMB (4x132 lb BOMBS)
KAWANISHI H6K-2 Mavis	1938-45 Shore-based recon flying boat 179/120 knots 2230/3000 nm	2/101 24,935'	2x17.7" TORPEDOES (up to 2,205 lbs BOMBS)
KAWANISHI H6K-4 Mavis	1939-45 Shore-based recon flying boat 183/120 knots 2590/3283 nm	4/107 31,530'	as above
KAWANISHI H8K-1 Emily	1942-45 Shore-based recon flying boat 234/160 knots /3888 nm	5/122 25,035	2x17.7" TORPEDOES (8x551 lb BOMBS)
KAWANISHI H8K-2 Emily	1943-45 Shore-based recon flying boat 252/160 knots /3862 nm	7/132 29,035	as above
KAWANISHI N1K-1 Rex	1943-45 Shore-based floatplane fighter 264/200 knots 570/ 900 nm	16/55 34,645	2x66 lb BOMBS

KAWANISHI N1K-1J George	1943-45 Shore-based fighter 315/200 knots 773/1374 nm	33/56 41,010'	2x132 lb BOMBS
KAWANISHI N1K-2J George	1944-45 Shore-based fighter 321/200 knots 926/1293 nm	31/54 35,300'	2x551 lb BOMBS
KAWANISHI E7K-1 Alf	1934-41 Shore-based recon seaplane 129/ 95 knots /1200 nm	2/47	4x66 lb BOMBS (2x132 lb BOMBS)
KAWANISHI E7K-2 Alf	1938-43 Shore-based recon seaplane 149/100 knots /1103 nm	2/49 23,165'	as above
KYUSHU Q1W Lorna	1943-45 Shore-based ASW patrol landplane 174/130 knots 725/ nm	4/58 14,730'	2x551 lb BOMBS
MITSUBISHI A5M-1/2 Claude	1937-40 Carrier-based fighter 219/ knots 404/ nm	3/36 14,026	2x66 lb BOMBS
MITSUBISHI A5M-4 Claude	1938-42 Carrier-based fighter 235/ knots 648/ nm	3/38 32,150'	as above
MITSUBISHI A6M-2 Zeke	1940-43 Carrier-based fighter 288/180 knots 1010/1675 nm	22/44 32,810'	2x132 lb BOMBS
MITSUBISHI A6M-3 Zeke	1942-44 Carrier-based fighter 294/200 knots 820/1285 nm	22/45 36,250'	as above
MITSUBISHI A6M-3a Zeke	1942-44 Carrier-based fighter 294/200 knots 1000/1650 nm	22/45 36,250'	as above
MITSUBISHI A6M-5 Zeke	1943-45 Carrier-based fighter 305/200 knots 1037/1680 nm	26/46 38,520'	as above
MITSUBISHI A6M-5a/b Zeke	1944-45 Carrier-based fighter 315/200 knots 1000/1650 nm	26/47 38,520'	as above
MITSUBISHI A6M-5c Zeke	1945 Carrier-based fighter 315/200 knots 960/1400 nm	25/48 38,520'	as above
MITSUBISHI B1M-1	1924-32 Carrier-based torpedo-bomber 113/ 90 knots 260/ nm	2/32	1x17.7" TORPEDO (1x529 lb BOMB)
MITSUBISHI B2M-1	1933-37 Carrier-based torpedo-bomber 123/ 95 knots 949/ nm	2/36	1x17.7" TORPEDO (1x1,763 lb BOMB)
MITSUBISHI J2M-3 Jack	1944-45 Shore-based fighter 317/190 knots 1025/ nm	33/52 38,385'	2x132 lb BOMBS
MITSUBISHI J2M-5 Jack	1945 Shore-based fighter 332/200 knots 680/ nm	33/53 36,910'	as above
MITSUBISHI J2M-2 Jack	1943-45 Shore-based fighter 322/190 knots 560/ nm	22/51 36,000'	as above
MITSUBISHI G3M-1 Nell	1936-41 Shore-based bomber 188/140 knots /2200 nm	2/71 29,950'	1x17.7" TORPEDO (2x551 lb BOMBS)
MITSUBISHI G3M-2 Nell	1937-43 Shore-based bomber 202/150 knots /2365 nm	4/72 29,950'	as above
MITSUBISHI G3M-3 Nell	1939-43 Shore-based bomber 225/160 knots /3363 nm	4/74 33,730'	as above
MITSUBISHI F1M-2 Pete	1938-44 Shipboard recon seaplane 200/120 knots 400/ nm	2/47 30,970'	2x132lb BOMBS
MITSUBISHI G4M-1 Betty	1940-43 Shore-based medium bomber 231/170 knots /3256 nm	4/83 29,000'	1x1,764 lb BOMB (1x17.7" TORPEDO)

MITSUBISHI G4M-2 Betty	1942-45 Shore-based medium bomber 236/170 knots /3270 nm	5/91 29,365'	up to 2,205 lbs BOMBS (1x17.7" TORPEDO)
NAKAJIMA B5N-1 Kate	1937-41 Carrier-based torpedo-bomber 199/138 knots 590/1220 nm	1/49 24,280'	up to 1,764 lbs BOMBS (1x17.7" TORPEDO)
NAKAJIMA B5N-2 Kate	1941-44 Carrier-based torpedo-bomber 204/140 knots 528/1075 nm	1/50 27,100'	as above
NAKAJIMA A1N-1	1928-31 Carrier-based fighter 129/100 knots 355/ nm	5/27 23,000'	2x66 lb BOMBS
NAKAJIMA A2N-1	1931-37 Carrier-based fighter 158/120 knots 221/ nm	4/30	2x66 lb BOMBS
NAKAJIMA A4N-1	1936-40 Carrier-based fighter 190/120 knots 394/ nm	4/34	2x66 lb BOMBS
NAKAJIMA B6N-1 Jill	1943-45 Carrier-based torpedo-bomber 251/180 knots 798/1860 nm	2/59 28,380'	1x17.7" TORPEDO (1x1102 lb BOMB)
NAKAJIMA B6N-2 Jill	1943-45 Carrier-based torpedo-bomber 260/180 knots 943/1644 nm	2/57 29,660'	as above
NAKAJIMA C6N-1 Myrt	1944-45 Carrier-based recon fighter 329/210 knots 1663/2866 nm	1/57 35,236'	
NAKAJIMA J1N-1S Irving	1943-45 Shore based escort fighter 274/180 knots 1374/2040 nm	6/71 30,610'	
NAKAJIMA A6M-2N Rufe	1942-45 Shore & Shipboard seaplane 235/160 knots 620/ 963 nm	18/47 32,810'	2x132 lb BOMBS
NAKAJIMA E8N-2 Dave	1936-42 Shipboard recon seaplane 162/100 knots / 485 nm	2/39 23,850'	2x66 lb BOMBS
YOKOSUKA B3Y-1	1933-37 Carrier-based torpedo bomber 118/ 95 knots 420/ nm	1/46	1x17.7" TORPEDO (2x551 lb BOMBS)
YOKOSUKA B4Y-1 Jean	1937-40 Carrier-based torpedo bomber 150/ knots 850/ nm	1/47 19,685'	1x17.7" TORPEDO (1x1102 lb BOMB)
YOKOSUKA D4Y-1 Judy	1942-45 Carrier-based dive-bomber 298/230 knots 850/2100 nm	2/52 32,480'	1x551 lb + 2x66 lb BOMBS
YOKOSUKA D4Y-2 Judy	1944-45 Carrier-based dive-bomber 313/230 knots 790/1945 nm	2/54 35,105'	1x1102 lb BOMB
YOKOSUKA D4Y-3 Judy	1944-45 Carrier-based dive-bomber 310/180 knots 820/1560 nm	2/53 34,450'	as above
YOKOSUKA E14Y Glen	1941-44 Submarine-based recon seaplane 133/ 90 knots / 476 nm	1/36 17,780'	1x132 lb BOMB
YOKOSUKA P1Y-1 Frances	1944-45 Shore-based medium bomber 295/200 knots 1036/2900 nm	4/86 30,840'	up to 2,205 lbs BOMBS (1x17.7" TORPEDO)
YOKOSUKA P1Y-2S Frances	1945 Shore-based medium bomber 282/200 knots 876/2150 nm	4/89 31,365'	as above

UNITED STATES

BOEING FB-5	1926-29 Carrier-based fighter 149/125 knots 220/ 352 nm	6/34 19,000'	
BOEING F2B-1	1928-31 Carrier-based fighter 139/116 knots 174/ 279 nm	6/33 21,500'	

BOEING	1928-32 Carrier-based fighter	6/34	
F3B-1	138/115 knots 187/ 299 nm	21,500'	
BOEING	1932-38 Carrier-based fighter	4/36	
F4B-4	165/ knots 204/ 326 nm	26,900'	2x116 lb BOMBS
BOEING	1941-43 Shore-based heavy bomber	4/116	up to 10,496 lbs BOMBS
B-17C/D Fortress	280/204 knots 1848/2780 nm	37,000'	
BOEING	1942-45 Shore-based heavy bomber	5/124	up to 12,800 lbs BOMBS
B-17E/F Fortress	246/140 knots 1000/2411 nm	31,500'	
BOEING	1943-45 Shore-based heavy bomber	6/125	up to 17,600 lbs BOMBS
B-17G Fortress	265/140 knots 1900/2992 nm	35,600'	
BOEING	1944-45 Shore-based heavy bomber	5/169	up to 20,000 lbs BOMBS
B-29 Superfortress	315/202 knots /4928 nm	31,850'	
BREWSTER	1940-42 Shore/Carrier-based fighter	9/49	
F2A-3 Buffalo	275/142 knots 849/1478 nm	33,200'	
BELL	1941-45 Shore-based fighter	16/52	1x500 lb BOMB
P-39D Airacobra	317/200 knots 528/ 968 nm	32,100'	
CURTISS	1927-30 Carrier-based fighter	4/33	
F6C-3 Hawk	136/ knots 198/ 317 nm	22,900'	
CURTISS	1930-33 Carrier-based dive-bomber	2/37	1x500 lb BOMB
O2C-1/F8C-4 Helldiver	128/ 97 knots 633/ nm	16,250'	(2x116 lb BOMBS)
CURTISS	1933-38 Carrier-based fighter-bomber	3/40	4x116 lb BOMBS
BFC-2	180/ knots 493/ nm	24,300'	(1x474 lb BOMB)
CURTISS	1934-35 Carrier-based fighter-bomber	3/42	as above
BF2C-1	198/ knots 701/ nm	27,000'	
CURTISS	1937-42 Carrier-based scout-dive bomber	2/50	1x500 lb BOMB
SBC-4 Helldiver	208/112 knots 519/ nm	27,300'	(1x1,000 lb BOMB overload)
CURTISS	1943-45 Carrier-based scout-dive bomber	4/66	up to 1,000 lbs BOMBS
SB2C-1 Helldiver	248/132 knots 980/ nm	28,500'	
CURTISS	1944-45 Carrier-based scout-dive bomber	4/71	1x1,000 lb BOMB
SB2C-3/4 Helldiver	260/139 knots 1025/ nm	29,100'	(up to 2,000 lbs BOMBS overload)
CURTISS	1919-28 Shore-based flying boat	2/60	4x230 lb BOMBS
H-16	84/ knots 332/ nm	9,950'	
CURTISS	1918-23 Shore-based flying boat	1/47	2x230 lb BOMBS
HS-2L	72/ knots 455/ nm	5,300'	
CURTISS	1935-44 Shipboard seaplane scout	2/44	2x325 lb BOMBS
SOC-1/2 Seagull	145/117 knots 594/ nm	14,900'	
CURTISS	1942-44 Shipboard seaplane scout	2/49	1x500 lb BOMB
S03C-2C Seamew	151/110 knots /1012 nm	15,800'	
CURTISS	1940-42 Shore-based fighter	7/53	
P40-B	310/240 knots 642/ 832 nm	32,400'	
CURTISS	1944-45 Shore-based fighter-bomber	14/56	1x500 lb BOMB
P40-N Warhawk	302/255 knots 660/ 950 nm	31,000'	
CURTISS	1938-41 Shore-based fighter	6/48	
P36-A Hawk	274/176 knots / 722 nm	33,700'	
CURTISS	1932-36 Shore & Airship-based fighter	3/34	
F9C-2 Sparrowhawk	155/ knots / 463 nm	19,200'	

CURTISS R-3/6	1915-20 Shore-based scout 88/ knots / 497 nm	-/42 12,200'	
CONSOLIDATED PBY-2/3/4 Catalina	1937-42 Shore-based patrol flying boat 157/ 91 knots 1050/1857 nm	3/83 20,800'	4x1,000 lb BOMBS
CONSOLIDATED PBY-5 Catalina	1940-44 Shore-based patrol flying boat 166/101 knots 1400/2631 nm	3/90 18,100'	as above
CONSOLIDATED PBY-5a Catalina	1941-45 Shore-based patrol flying boat 154/ 99 knots /2068 nm	3/97 13,000'	as above
CONSOLIDATED PBN-1 Nomad	1943-45 Shore-based patrol flying boat 164/ 98 knots /2279 nm	3/94 15,100'	as above
CONSOLIDATED B24-D Liberator	1942-45 Shore-based heavy bomber 266/176 knots 871/2508 nm	5/119 32,000'	up to 8,800 lbs BOMBS
DOUGLAS TBD-1 Devastator	1937-42 Carrier-based torpedo-bomber 181/112 knots 535/ nm	2/55 19,700'	1x500 lb BOMB (1x18" TORPEDO)
DOUGLAS SBD-2 Dauntless	1941-43 Carrier-based scout-dive bomber 195/120 knots 756/968 nm	2/56 24,000'	up to 1,650 lbs BOMBS overload (1x1,000 lb BOMB)
DOUGLAS SBD-3/4/5 Dauntless	1942-44 Carrier-based scout-dive bomber 215/127 knots 970/1183 nm	3/57 24,300'	1x1,000 lb BOMB (1x1,600 lb BOMB overload)
DOUGLAS A-20B Havoc	1941-44 Shore-based light bomber 308/245 knots 898/2024 nm	3/83 28,600'	up to 2,600 lb BOMBS
DOUGLAS A-20G Havoc	1944-45 Shore-based light bomber 298/239 knots 898/1584 nm	5/86 25,800'	up to 4,000 lbs BOMBS
DOUGLAS DT-2	1922-26 Shore-based torpedo-bomber 87/ knots 241/ nm	-/48 7,400'	1x18" TORPEDO
DOUGLAS T2D-1/P2D	1927-36 Shore-based torpedo-bomber 109/ knots 372/ nm	2/55 13,830'	1x18" TORPEDO (up to 1,618 lbs BOMBS)
DOUGLAS B-18 Bolo	1939-42 Shore-based medium bomber 190/147 knots	3/87 23,900'	up to 6,500 lbs BOMBS
deHAVILLAND DH-4	1917-29 Shore-based observation bomber 107/ knots 296/ 484 nm	2/38 14,000'	2x112 lb BOMBS
GRUMMAN FF-2	1933-36 Carrier-based fighter 182/160 knots 506/ 810 nm	2/41 21,000'	2x100 lb BOMBS
GRUMMAN F2F-1	1935-40 Carrier-based fighter 203/ knots 541/ 866 nm	3/38 27,100'	
GRUMMAN F3F-1/2/3	1936-40 Carrier-based fighter 232/ knots 539/ 862 nm	4/41 33,200'	2x100 lb BOMBS
GRUMMAN F4F-3 Wildcat	1941-43 Carrier-based fighter 262/130 knots 744/1190 nm	10/52 34,900'	2x100 lb BOMBS
GRUMMAN F4F-4 Wildcat	1942-44 Carrier-based fighter 280/136 knots 678/1085 nm	14/54 34,900'	2x100 lb BOMBS
GRUMMAN-EASTERN FM-1/2 Wildcat	1943-45 Escort carrier-based fighter 292/144 knots 792/1267 nm	10/52 34,700'	2x250 lb BOMBS (6x5" ROCKETS)
GRUMMAN F6F-3 Hellcat	1943-45 Carrier-based fighter 300/145 knots 959/1399 nm	13/66 37,300'	1xDROP TANK
GRUMMAN F6F-5 Hellcat	1944-45 Carrier-based fighter 334/148 knots 832/1346 nm	23/67 37,300'	2x1000 lb BOMBS (6x5" ROCKETS)

GRUMMAN F8F-1 Bearcat	1945 370/144 knots	Carrier-based fighter 972/1555 nm	8/59 38,700'	2x1000 lb BOMBS (2xDROP TANKS)
GRUMMAN TBF/TBM-1 Avenger	1942-45 238/128 knots	Carrier-based torpedo bomber 1069/ nm	2/69 22,400'	1x22.5" TORPEDO (2x1,000 lb BOMBS)
GRUMMAN-EASTERN TBM-3 Avenger	1943-45 243/129 knots	Carrier-based torpedo bomber 889/ nm	3/71 30,100'	as above
GREAT LAKES BG-1	1934-38 165/ knots	Carrier-based dive-bomber 483/ nm	2/45 20,100'	1x1,000 lb BOMB (1x500 lb BOMB)
LOCKHEED P-38F Lightning	1941-43 348/193 knots	Shore-based fighter-bomber 792/1548 nm	14/76 39,000'	2x500 lb BOMBS
LOCKHEED P-38J Lightning	1943-45 364/250 knots	Shore-based fighter-bomber 704/1705 nm	14/77 44,000'	2x1,000 lb BOMBS
LOCKHEED PV-1 Ventura	1942-45 274/144 knots	Shore-based patrol-bomber 1460/ nm	4/96 26,300'	6x500 lb BOMBS (2x1,000 lb BOMBS)
LOCKHEED PV-2 Harpoon	1944-45 248/150 knots	Shore-based patrol-bomber 1575/ nm	5/97 23,900'	6x1,000 lb BOMBS
MARTIN T3M-2	1926-29 96/ knots	Carrier-based torpedo-bomber 558/ nm	1/54 7,900'	1xTORPEDO
MARTIN T4M-1	1928-32 100/ 86 knots	Carrier-based torpedo bomber 319/ nm	1/45 10,150'	1xTORPEDO
MARTIN/GREAT LAKES TG-1/2	1930-37 112/ knots	Carrier-based torpedo-bomber 293/ nm	1/49 11,500'	1xTORPEDO (1x1,000 lb BOMB)
MARTIN BM-1/2	1931-39 128/ knots	Carrier-based dive-bomber 363/ nm	2/44 16,800'	1x1,000 lb BOMB
MARTIN PBM-3c Mariner	1942-44 174/ knots	Shore-based patrol flying boat 1880/ nm	4/119 16,900'	up to 2,000 lbs BOMBS
MARTIN B-26B Marauder	1941-45 279/229 knots	Shore-based patrol bomber /1012 nm	4/100 23,500'	up to 5,200 lbs BOMBS
MARTIN B-26G Marauder	1943-45 249/ knots	Shore-based patrol bomber / 958 nm	5/106 19,800'	up to 4,000 lbs BOMBS
NORTH AMERICAN B-25H Mitchell	1944-45 242/202 knots	Shore-based medium bomber /2376 nm	6/95 23,800'	3,200 lbs BOMBS+8x5"ROCKETS (1x22.5" TORPEDO)
NORTH AMERICAN P-51B Mustang	1943-45 387/215 knots	Shore-based interceptor-fighter 712/1936 nm	8/58 42,000'	up to 2,000 lbs BOMBS
NORTH AMERICAN P-51D Mustang	1944-45 384/220 knots	Shore-based interceptor-fighter 1144/1760 nm	12/59 41,900'	up to 2,000 lbs BOMBS (6x5" ROCKETS)
REPUBLIC P-47D Thunderbolt	1943-45 381/203 knots	Shore-based escort-fighter 595/ 814 nm	12/69 40,000'	1x500 lb BOMB
VOUGHT O2U-1/4 Corsair	1927-31 132/ knots	Carrier-based fighter or obs 535/ nm	2/35 18,700'	
VOUGHT O3U-3 & SU4 Corsair	1931-36 147/ knots	Carrier-based observation 598/ nm	2/42 18,600'	
VOUGHT F4U-4 Corsair	1944-45 392/189 knots	Carrier-based fighter 884/1374 nm	13/67 41,500'	2x500 lb BOMBS
VOUGHT F4U-1/2 Corsair	1942-45 367/160 knots	Land(& Carrier)-based fighter 893/1374 nm	13/66 36,900'	

VOUGHT SBU-1/2	1935-37 Carrier-based scout bomber 180/107 knots	482/ nm	2/44 23,700'	1x500 lb BOMB
VOUGHT SB2U-1/2	1937-42 Carrier-based scout/dive bomber 220/126 knots	462/ 883 nm	2/49 27,400'	1x 500 lb BOMB
VOUGHT SB2U-3 Vindicator	1940-42 Carrier-based scout/dive bomber 214/134 knots	461/ 986 nm	2/53 23,600'	1x1,000 lb BOMB (1x500 lb BOMB)
VOUGHT VE-7/9	1919-26 Shipboard floatplane fighter 103/ knots	256/ nm	5/29 15,000'	
VOUGHT UO-1 & FU-1	1923-28 Shipboard floatplane fighter 109/ knots	360/ nm	5/34 26,500'	
VOUGHT OS2U-1/2/3	1940-45 Shipboard floatplane scout 144/105 knots	708/ nm	3/46 13,000'	

