

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 &amp; 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

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NORWAY

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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		

**RUSSIA**BATTLESHIPS & 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				
BOYEVOI	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

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## TURKEY

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### 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			

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## UNITED STATES

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### 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		