

Germany.

Name or Number.	Where Built.	Launched.	Dimensions.			Number of Screws.	Displacement.	Horse-Power.	Designed Speed.	Armament.	Torpedo Tubes.	Complement.	Fuel.	
			Length (Extreme.)	Beam.	Draught.								Coal	Oil
			Feet.	Feet.	Feet.	Tons.		Knots.					Tons.	
DESTROYERS—														
(Z 1) Leberecht Maass	Deutsche-Werke, Kiel	1935	374	37	9½	..	1625	40,000	36	5 5-in., 4 1 5-in., 4 m.	8	252	..	
(Z 2) Georg Thiele														
(Z 3) Max Schultz														
(Z 4) Richard Beltzer														
(Z 5) Paul Jacobi														
(Z 6) Theodor Riedel														
(Z 7) Hermann Shoemann														
(Z 8) Bruno Heinemann	Germania-Werft, Kiel	1935	374	37	9½	..	1625	40,000	36	5 5-in., 4 1 5-in.	8	252	..	
(Z 9) Wolfgang Zerker														
(Z 10) Hans Lody	Deschimag, Bremen	1935	374	37	9½	..	1625	40,000	36	5 5-in., 4 1 5-in.	8	252	..	
(Z 11) Bernd von Arnim														
(Z 12) Erich Giege														
(Z 13) Erich Koellner														
(Z 14) Friedrich Ihn														
(Z 15) Erich Steinbrück	Blohm & Voss, Hamburg	1935	374	37	9½	..	1625	40,000	36	5 5-in., 4 1 5-in.	8	252	..	
(Z 16) Friedrich Eckoldt														
Z 17 Diether von Roeder		1938												
Z 18 Hans Ludemann	Deschimag, Bremen	Bldg.	385½	38½	9½	..	1811	..	36	5-in.	8	21	..	
Z 19 Hermann Kunne														
Z 20 Karl Galster														
Z 21 Wilhelm Heidkamp														
Z 22 Anton Schmidt														
Z 23-30	Projected ..						1811							
*Itis	Wilhelms-haven	1927												
*Wolf		1927												
*Tiger														
*Luchs		1928	304	28½	8½	2	800	25,000	34	3 4 1-in., 2 1-pr. A.A.	6	125	300	
*Jaguar														
*Leopard														
*Seeadler		1926												
*Greif		1926												
*Albatros		1926												
*Kondor		1926												
*Falke	1926													
*Möwe	1926													
*G. 11	Germania Works, Kiel	1911	287½	27½	9½	2	800	24,000	33	3 4 1-in., 2 1-pr. A.A.	6	120	300	
*G. 10		1926												
*G. 9		1926												
*G. 8		1926												
*G. 7	1912	233†	25	10	2	760	16,000	25	2 4 1-in., 7 m.	2	85	140		
													60	
TORPEDO BOATS—														
T. 1-18		Bldg.	267	28½	6½	..	600	..	..	1 4 1-in., 1 1 5-in.	2	..	..
T. 19-30		Proj'd.				..	600	..	..			
T. 196	Vulcan Works, Stettin	1911												
Klaus von Bavern (ex-T. 190)		1910	243	26	10	2	800	18,000	25	2 4 1-in., 2 m.	2	87	200	
SUBMARINES—														
U 1-6, 13-16	Deutsche Werke, Kiel	1935	136½	13	12½	2	250	700	13	1 1-pr.	3	23	..	
U 7-12, 17-24		1936												
U 25-26	Germania Werft, Kiel	1936												
U 27-32	Deschimag, Bremen	1936	232½	20½	13½	..	712	..	18	1 4-in., 1 1-pr.	6	40	..	
U 33-36	Deschimag, Bremen	1936	206½	19	13	..	500	..	16 5 8	1 3 5-in., 1 1-pr.	5	35	..	
U 37-44	Germania Werft, Kiel	1936												
U 45-55	Deschimag, Bremen		246	20 6	13 5	2	740	3200	18 5 9	1 4-in., 1 1-pr.	6	40	..	
U 56-63	Krupp Germania		213	19 7	13 1	2	517	2100	16 5 8	1 3 5-in., 1 1-pr.	5	35	..	
U 64-68	Deutsche Werke, Kiel	1939	136 5	13	12 5	2	250	700	13 7	1 1-pr.	3	23	..	
U 69-71	Deschimag, Bremen		246	20 6	13 5	2	740	3200	18 5 9	1 4-in., 1 1-pr.	6	40	..	
	Krupp Germania		213	19 7	13 1	2	517	2100	16 5 8	1 3 5-in., 1 1-pr.	5	35	..	

* Classified as torpedo boats in German official lists. † Length increased during alterations, 1929-30. A large increase in the German Submarine Fleet is projected.

Greece.

Name or Number.	Where Built.	Launched.	Dimensions.			Number of Screws.	Displacement.	Horse-Power.	Maximum Trial Speed.	Armament.	Torpedo Tubes.	Complement.	Fuel.	
			Length (Extreme.)	Beam.	Draught.								Coal	Oil
			Feet.	Feet.	Feet.	Tons.		Knots					Tons.	
DESTROYERS—														
Hydra	Odero, Genoa	1931	308 8	30 3	10 5	2	1230	30,000	40	4 4 7 in., 4 2-pr. A.A., 40 mines	6	156	630	
Conduriotis														
Spetsai														
Psara														
Thyella														
Sphendon	Yarrow	1906	220	20 6	9 0	2	305	6000	30	2 3-in., 1 2-pr.	2	70	80	
King Georges I.														
Queen Olga	Yarrow	1938	320	33	8 5	2	1350	34,000	36	4 4 7-in., 2 2-pr.	8	150	455	
Niki	Stettin (Vulcan)	1906	220	20 6	9 0	2	275	6000	30	2 3-in., 4 6-pr.	2	70	90	
Aspis														
*Aetos, *Leon, *Panther, *Ierax	Birkenhead	1911	293	27 7	9 6	2	1013	19,750	32	4 4-in., 2 2-pr.	6	102	260	
TORPEDO BOATS—														
Aretheusa	Stettin (Vulcan)	1913	147 8	9	4	2	142	2400	25	2 6-pr.	3	18-in.	..	25
Doris														
†Algi	Fiume	1914	178 4	18 8	5	2	237	5000	28½	1 11-pr.	2	25	21	
†Alkyoni														
†Pergamos	Monfalcone	1914	178 4	18 8	5	2	237	5000	28½	1 11-pr.	2	25	31	
†Proussa														
†Kios														
†Kyzikos	Schneiders, Harfleur	1926	203½	17 7	12 3	2	567	1300	14	1 4-in., 1 2-pr. A.A.	6	30	..	
†Kydonia														
SUBMARINES—														
Katsolis	Ch. de la Loire, Nantes	1927												
Papanicolis	Ch. de la Loire, Nantes	1927												
Nereus	Ch. de France, Caen	1928												
Proteus	Ch. de France, Caen	1928												
Triton		1928												
Glaukos		1928	226½	18½	12 6	2	689	1500	14	1 4-in., 1 2-pr. A.A.	8	42	..	

* Reconstructed by Messrs. J. S. White & Co., Cowes, 1924-25. † On sale list. ‡ Surrendered Austrian torpedo-boats employed on police duties. 2 destroyers and 2 submarines are projected.

Italy.

Name or Number.	Where built.	Launched.	Dimensions.			Number of Screws.	Displacement.	Horse-Power.	Maximum Trial Speed.	Armament.	Torpedo Tubes.	Complement.	Fuel.	
			Length (Extreme.)	Beam.	Draught.								Coal	Oil
			Feet.	Feet.	Feet.	Tons.		Knots					Tons.	
FLOTTILLA LEADERS—														
U. Vivaldi	Genoa (Odero)	1929												
A. Usodimare		1929												
L. Tarigo	Genoa (Ansaldo)	1928												
L. Malocello		1929												
L. Pancaldo	Riva Trigoso (Cant. Navali)	1929												
A. Da Noli		1929												
E. Pessagno	Ancona (Cant. Navali)	1929	353	33 6	10 5	2	1628	50,000	38	6 4 7-in. (in pairs), 4 1 5-in. A.A. Carry mines	6	185	600	
N. Da Recco	Flume	1929												
N. Zeno		1928												
G. Da Verazzano	Flume	1928												
A. da Mosto		1929												
A. Pigafetta	Flume	1929												
Leone		1923												
Pantera	Ansaldo	1924	372	34	8 8	2	1525	42,000	34	8 4 7-in. (in pairs), 2 3-in. A.A., 60 mines.	6	18-in.	210	
Tigere		1924												
Aquila	Pattison	1916												
Falco	Pattison	1916	310	31	9 2	2	1407	39,800	36 5	4 4 7-in. (in pairs), 2 3-in. A.A., 50 mines	4	18-in.	140	
Premuda		1916												
(ex-German V116)	Pattison	1918	353	34	9 3	2	1285	48,000	36	4 5 9 in., 2 2-pr. A.A.	4	19 7-in.	150	
Augusto Riboty	Ansaldo	1915												
Carlo Mirabello		1914												
DESTROYERS—														
Camicia Nera	Odero-Teraj Orlando	1938	350	33 4	10 9	2	1620	48,000	39	4 4 7-in., 4 1 5-in. A.A.	6	21-in.	..	
Ascaro														
Corazziere														
Geniere														
Aviere														
Artigliere														

FOREIGN TORPEDO-CRAFT.

France—continued.

Name or Number.	Where Built.	Launched.	Dimensions.			Number of Screws.	Displacement.	Horse-Power.	Speed.	Armament.	Torpedo Tubes.	Complement.	Fuel.	
			Length (Extreme).	Beam.	Drayght.								Coal.	Oil.
			Feet.	Feet.	Feet.	Tons.		Knots.					Tons.	
DESTROYERS—Contd.														
L'Asie	Nantes	Bldg.	295½	30½	8½	2	994	28,000	34	4 3-9-in.	4			
Le Fier														
L'Entreprenant														
Le Farouche														
L'Alsacien														
Le Breton														
Le Corse														
Le Tunisien														
Le Normand														
Le Parisien														
Le Provençal														
Le Saintongeais	La Seyne	Bldg.	295½	30½	8½	2	994	28,000	34	4 3-9-in.	4			
Le Niçois														
Le Savoyard														
TORPEDO BOATS—														
La Melpomène	Nantes	1935	264.9	26.0	9.2	2	610	22,000	24.5	2 3-9-in., 4 M. A. A.	21.7-	2		90
La Pomone														
La Flore														
L'Iphigénie														
Bombarde														
Bouclier														
La Bayonnaise														
La Pourchante														
La Cordelière														
L'Incomprise														
Branle-Bas														
Baliste														

1st class torpedo boat (1905), No. 369, 85 tons, 2000 H.P., 26 knots, 1 3-in. gun, 3 torpedo tubes.

Name or Number.	Where Built.	Launched.	Length (Extreme).	Beam.	Drayght.	Number of Screws.	Displacement.	Horse-Power.	Speed.	Armament.	Torpedo Tubes.	Complement.	Fuel.	
													Coal.	Oil.
			Feet.	Feet.	Feet.		Tons.		Knots.				Tons.	
CRUISER SUBMARINES—														
Surcouf	Cherbourg	1929	361	29.5	23½	2	2880	7600	18	2 8-in.	14	150		
1ST CLASS SUBMARINES														
Réunion	Cherbourg	Bldg.	325½	27½	14	2	1605	12,000	21	1 3-9-in.				
Gadeloupe														
La Martinique														
Roland Morillot														
La Praya														
Agosta														
Beveziers														
Ouessant														
Sidi-Ferruchi														
Sfax														
Casablanca	Loire	1935	302.8	27	16	2	1379	8000	18	1 3-9-in., 1 1.5-in. A. A.	11	63		
Le Glorieux														
Le Centaure														
Le Héros														
Le Conquerant														
Le Tonnant														
L'Espoir														
Persée														
Protée														
Pégase														
Achille	Brest	1933	301.7	27	16	2	1379	6000	17	1 3-9-in., 1 1.5-in. A. A.	11	61		96
Ajax														
Acheron														
Argo														
Acteon														

France—continued.

Number and Name	Where Built.	Launched.	Dimensions.			Number of Screws.	Displacement.	Horse-Power.	Speed.	Armament.	Torpedo Tubes.	Complement.	Fuel.														
			Length (Extreme).	Beam.	Drayght.								Coal.	Oil.													
			Feet.	Feet.	Feet.		Tons.		Knots.				Tons.														
1ST CLASS SUBMARINES																											
Pascal	Brest	1928-1929	302.5	27	16	2	1379	6000	17	1 3-9-in.	11	61		96													
Pasteur																											
Poncelet	Lorient	1928	302.5	27	16	2	1384	6000	17	1 3-9-in. A. A.	11	63		96													
Henri Poincaré																											
Archimède	Caen	1924	302.5	27	16	2	2080	2000	10	1 1.5-in. A. A.	11	63		96													
Fresnel																											
Monze	St. Nazaire	1925	302.5	27	16	2	1384	6000	17	1 3-9-in. A. A.	11	63		96													
Redoubtable																											
Vengeur	Cherbourg	1924	302.5	27	16	2	2080	2000	10	1 1-pr. A. A.	11	63		96													
Requin																											
Morse	Cherbourg	1925	302.5	27	16	2	1384	6000	17	1 3-9-in. A. A.	11	63		96													
Narval																											
Souffleur	Cherbourg	1924	257½	23	17½	2	974	2900	16	1 3-9-in. A. A.	10	54															
Galman																											
Dauphin	Toulon	1926	257½	23	17½	2	1415	1800	10	1 3-9-in. A. A.	10	21.7															
Espadon																											
Marsouin	Brest	1924	257½	23	17½	2	1415	1800	10	1 3-9-in. A. A.	10	21.7															
Phoque																											
2ND CLASS SUBMARINES																											
L'Aurore	Toulon	Bldg.	238.3	20.3	12.3	2	893	3 00	14.5	1 3-9-in.	9	43															
La Creole																											
La Bayadère																											
La Favorite																											
L'Africaine																											
L'Artemise																											
La Gorgone																											
L'Hermione																											
L'Andromaque																											
L'Armide																											
L'Andromède	Worms	Bldg.	238.3	20.3	12.3	2	893	3 00	14.5	1 3-9-in.	9	43															
L'Astree																											
La Clorinde																											
La Cornelle																											
L'Antigone																											
Phoenix																											
Ceres																											
Pallas																											
Mimerve																											
Junon																											
Vénus	Nantes	Projd.	223.5	18.3	11.3	2	600	1800	14	1 3-in.	9	48															
Iris																											
Orphée																											
Oréade																											
Orion																											
Ondine																											
La Psyché																											
La Sybille																											
La Vestale																											
La Sultane																											
Amphitrite	Le Trait	Bldg.	224	17½	13	2	597	1300	14	1 3-in., 2 M.	9	21.7															
Antiope																											
Atalante																											
Amazoné																											
Diane																											
Méduse																											
Argonaute																											
Aréthuse																											
Ariane																											
Danaé																											
Eurydice																											
Circé	Ch. Normand	Bldg.	210	20	13	2	558-570	1300	14	1 3-in., A. A.	6	21.7	43														
Calypso																											
Doris																											
Thétis																											
Naiade																											
Sirène																											
Galatée																											
Perle	Ch. Normand														Bldg.	210	20	13	2	787	1000	9	1 3-in., A. A.	2	15.7		
Diamant																											
Rubis																											
Nautilus																											
Saphir																											
Turquoise																											
Émeraude																											
L'Agate																											
Le Corail																											
L'Escarboucle																											
MINELAYING SUB-																											
Perle	Toulon	Bldg.	216.5	23.3	13.5	2	669	1300	12	1 3-in.	5	40															
Diamant																											
Rubis																											
Nautilus																											
Saphir																											
Turquoise																											
Émeraude																											
L'Agate																											
Le Corail																											
L'Escarboucle																											

French submarines are divided into two classes. 1st class: All vessels of 900 tons and above in the surface condition. 2nd class: All smaller vessels, including the minelayers.

FOREIGN TORPEDO-CRAFT.

Denmark.

Name or Number.	Where built.	Launched.	Dimensions.			Number of Screws.	Displacement.	Horse-Power.	Speed.	Armament.	Torpedo Tubes	Complement.	Fuel.	
			Length (Extreme).	Beam.	Draught.								Coal	Oil
			Feet.	Feet.	Feet.	Tons.		Knots.					Tons.	
TORPEDO BOATS.														
FIRST CLASS—														
T4. Glentia	Royal Dockyard, Copenhagen	1934	198.9	19.5	7.8	2	285	6,000	27½	2 3.4-in., 2.78 m., 2 m.	6	51	—	40
T5. Hogen														
T6. Ornen														
T3. Laxen														
T1. Dragen														
T2. Hvalen														
R4. Havkatten †														
R5. Sælen †														
R3. Nordkaperen †														
R2. Makrelen †														
S6. Narhvalen *														
S5. Havhesten *														
S4. Söhunden *														
S2. Stören *														
S1. Springeren *														
P1. Hvalrossen †														
S3. Sörideren *	Yarrow & Co.	1911	126.3	15	9	2	110	2,000	24.3	2 6-pr. A.A.	18	24	—	15
Two in number ..	Copenhagen	Bldg.	279	27.4	8	2	700	21,000	35	2 4-in., 4 1.5-in.	6	21	—	—
SUBMARINES—														
Daphne. D1	Royal Dockyard, Copenhagen	1926	161	16	8.2	2	305	900	13.4	1 3-in. A.A., 1.78 m.	6	18	25	—
Dryaden. D2							380	400	7					
Flora. C3	"	1919	155.7	15.7	9	2	301	900	14.5	1 6-pr. }	5	18	24	—
Bellona. C2							369	640	10.5					
Rota. C1 †	"	1914	133.3	13.4	8	2	181	450	13.5	1 6-pr	3	18	14	—
Galathea. B12							231	340	9.8					
Triton. B10														
Ran. B9														
Havkalem. E3														
Havfruen. E2	"	1937	155.6	15.3	9.4	2	320	600	15	2 1.5-in.	5	18	20	—
Havmanden. E1							420	220	8					
Havhornen	"	1936												

* Used as minesweepers. † Used as patrol vessels. ‡ Rota has one deck tube in addition.

France.

Name or Number.	Where Built.	Launched.	Dimensions.			Number of Screws.	Displacement.	Horse-Power.	Speed.	Armament.	Torpedo Tubes.	Complement.	Fuel.													
			Length (Extreme).	Beam.	Draught.								Coal	Oil												
			Feet.	Feet.	Feet.	Tons.		Knots.					Tons.													
FLOTILLA LEADERS—																										
Volta	Ch. de Bretagne, Nantes	1936	451	41.1	15	2	2,884	92,000	33	8 5.4-in., 2 1.5-in. A.A.	10	240	—	—												
Mogador	Lorient	1937																								
Marceau	Nantes	Bldg.																								
Hoche	Lorient																									
Kléber	Ch. de France																									
Desaix	Dunkerque																									
Le Fantasque	Lorient																									
L'Audacieux	Lorient	1934													434½	39½	14	2	2,569	74,000	37	5 5.4-in., 4 1.5-in. A.A.	9	220	—	650
Le Malin	Ch. de la Méditerranée																									
L'Indomptable	Ch. de France																									
Le Triomphant	Ch. de France																									
Le Terrible	Ch. Naval Français																									

BRASSEY'S NAVAL ANNUAL.

France—continued.

Name or Number.	Where Built.	Launched.	Dimensions.			Number of Screws.	Displacement.	Horse-Power.	Speed.	Armament.	Torpedo Tubes.	Complement.	Fuel.													
			Length (Extreme).	Beam.	Draught.								Coal	Oil												
			Feet.	Feet.	Feet.	Tons.		Knots.					Tons.													
FLOTILLA LEADERS—																										
<i>Contd.</i>																										
Vauquelin	Dunkerque	1932	424½	39	14	2	2,441	64,000	36	5 5.4-in., 4 1.5-in. A.A.	7	220	—	650												
Kersaint	Nantes	1931																								
Cassard	Nantes	1932																								
Tartu	Nantes	1931																								
Maillié Brézé	Penhoet	1931																								
Le Chevalier-Paul	Havre	1932																								
Aigle	Dunkerque	1930																								
Vantour	Havre																									
Albatros	St. Nazaire																									
Gerfaut	Nantes																									
Milan	Lorient																									
Epervier	Lorient	1930													423	40	14	2	2,441	68,000	37	5 5.4-in., 4 1.5-in. A.A.	7	220	—	650
Valmy	Penhoet																									
Verdun	St. Nazaire																									
Vauban	Dunkerque																									
Lion	Dunkerque																									
Bison	Lorient																									
Guépard	Lorient																									
Chacal	St. Nazaire																									
Jaguar	Lorient Dy.																									
Leopard	St. Nazaire																									
Lynx	"																									
Panthère	Lorient Dy.																									
Tigre	Nantes	1924																								
DESTROYERS—																										
L'Aventurier	Bordeaux	Bldg.	363½	36½	10½	2	1,772	58,000	37	6 5.1-in., 2 1.5-in.	7	21.7	—	—												
L'Opiniatre																										
L'Intrepide																										
Le Temeraire																										
Le Hardi																										
Mameluck																										
Epee																										
Lansquenet																										
Casque																										
Fleuret																										
Le Corsaire																										
Le Flibustier																										
Forbin																										
Frondeur																										
Fougueux																										
Foudroyant																										
Basque																										
Bordelais																										
Boulonnais																										
Brestois																										
L'Adroit																										
L'Alcyon																										
Le Fortune																										
Le Mars																										
La Palme																										
La Railleuse																										
Bourrasque																										
Cyclone																										
Mistral																										
Orage																										
Ouragon																										
Simoun																										
Sirocco																										
Tempête																										
Tramontane																										
Trombe																										
Typhon																										
Tornado																										

BRITISH DESTROYERS.

Great Britain—continued.

RIVER GUNBOATS.

Name.	Displacement.	Length (Extreme.)	Beam (Extreme.)	Draught.	Horse-Power.	Where built.	Maker of Machinery.	Date of Launch.	Date of Completion.	Armament.	Speed (knots).	Complement.
RIVER GUN-BOATS—cont.												
Aphis						Ailsa	Ailsa	1915	1915	2 6-in., 1 3-in. A.A., 1 2-pr., 8 L.	14	55
* Bee						Do.	Do.	1915	1916	1 3-in. A.A., 2 3-pr., 1 2-pr., 8 L.		
Cicala						Barclay Curle	Barclay Curle	1915	1916	2 6-in., 1 3-in. A.A., 1 2-pr., 8 L.		
Cockchafer						Do.	Do.	1915	1916	2 6-in., 1 3-in. A.A., 8 L.		
Cricket						Do.	Do.	1915	1916	2 6-in., 1 3-in. A.A., 1 2-pr., 8 L.		
Gnat	625	237 6	36 0	4 6	2,000 recip.	Löbnitz	Löbnitz	1915	1915	2 6-in., 1 3-in. A.A., 1 2-pr., 8 L.		
Ladybird						Do.	Do.	1915	1916	2 6-in., 1 3-in. A.A., 1 2-pr., 8 L.		
Mantis						Sunderland S.B. Co.	N.E. Marine	1915	1915	2 6-in., 1 3-in. A.A., 1 2-pr., 8 L.		
Moth						Do.	Do.	1915	1916	2 6-in., 1 3-in. A.A., 1 2-pr., 8 L.		
Scarab						Wood, Skinner	Do.	1915	1915	2 6-in., 1 3-in. A.A., 1 2-pr., 8 L.		
Tarantula						Do.	Do.	1915	1916	1 6-in., 1 3-in. A.A., 1 2-pr., 8 L.		

* To pay off.

Argentine Republic.

Name or Number.	Where Built.	Launched.	Dimensions.			Number of Screws.	Displacement.	Horse-Power.	Speed.	Armament.	Torpedo Tubes.	Complement.	Fuel.
			Length (Extreme.)	Beam.	Draught.								Coal/Oil
			Feet.	Feet.	Feet.		Tons.		Knots.				Tons.
FLOTILLA LEADERS—													
Cervantes (ex-Spanish Churruca)	Cartagena	1925	318	31½	10½	2	1622	42,000	36	5 4·7 in., 1 3-in. A.A., 4 M.	2 triple 21-in.	—	540
Juan de Garay (ex-Spanish Alcala Galiano)													
Mendoza	J. S. White, Cowes	1928	335	31·8	12½	2	1466	45,000	36	5 4·7 in., 1 3-in. A.A., 2 2-pr., 4 M.	2 triple 21-in.	160	700
La Rioja													
Tucuman													
DESTROYERS—													
Catamarca	Schichau	1911	288·7	27½	10	2	872	28,000	32	3 4-in., 2 1-pr.	4 21-in.	100	220
Jujuy †	Germania	1910	295½	29·5	10	..	1000	28,000	34·7 t.	4 4·7 in., 2Q	2 21-in.	100	200
Cordoba *	Schichau	1911	295½	29·5	10	..	1000	28,000	34·7 t.	4 4·7 in., 2Q	2 21-in.	100	200
La Plata †	Germania	1911	295½	29·5	10	..	1000	28,000	34·7 t.	4 4·7 in., 2Q	2 21-in.	100	200
San Juan	J. Brown	1937	323	33	8½	..	1350	34,000	35½	8 smaller	21-in.	150	450
San Luis	J. Brown	1937	323	33	8½	..	1350	34,000	35½	8 smaller	21-in.	150	450
Misiones	Cammell	1937	323	33	8½	..	1350	34,000	35½	8 smaller	21-in.	150	450
Santa Cruz	Laird	1937	323	33	8½	..	1350	34,000	35½	8 smaller	21-in.	150	450
Buenos Aires	Vickers	1937	323	33	8½	..	1350	34,000	35½	4 4·7 in., 8 smaller	2Q 21-in.	150	450
Entre Rios	Barrow	1937	323	33	8½	..	1350	34,000	35½	4 4·7 in., 8 smaller	2Q 21-in.	150	450
Corrientes	Barrow	1937	323	33	8½	..	1350	34,000	35½	4 4·7 in., 8 smaller	2Q 21-in.	150	450
SUBMARINES—													
Santa Fe	Taranto	1931	226½	21½	13	2	850	3,000	17·5	1 4·7-in.	8 21-in.	41	—
Salta	Taranto	1932	226½	21½	13	2	1080	1,300	9	1 2-pr. A.A.	21-in.	—	—
Santiago del Estero	Taranto	1933	226½	21½	13	2	1080	1,300	9	1 2-pr. A.A.	21-in.	—	—

* Converted to oil-burning, 1927, at Buenos Aires.

† Converted to oil-burning at Buenos Aires.

Torpedo tubes: Q=quadruple.

BRASSEY'S NAVAL ANNUAL.

Brazil.

Name or Number.	Where Built.	Launched.	Dimensions.			Number of Screws.	Displacement.	Horse-Power.	Speed.	Armament.	Torpedo Tubes.	Complement.	Fuel.
			Length (Extreme.)	Beam.	Draught.								Coal/Oil
			Feet.	Feet.	Feet.		Tons.		Knots.				Tons.
DESTROYERS—													
Jaruema	Thornycroft	Bldg.	322	33	8 3	2	1375	34,000	35·5	4 4·7-in., 8 smaller	8 21-in.	150	..
Jaguaribe	Do.												
Javary	J. S. White	1939											
Jutahy	Do.												
Japura	Do.												
Jarua	Vickers (Barrow)	Bldg.	360½ w.l.	34½	9 10	2	1500	43,000	3·65	5 5-in., 8 smaller	12 21-in.	190	..
Greenhalgh	Do.												
Marcello Dias	St. W. Rio de Janeiro	Bldg.											
Mariz E. Barros	Do.												
Plahuy	Do.												
Matto Grosso	Varrow	1908	240 p.p.	23·6	7·5	2	560	8,000	27 (27·1-28·7 on trials)	2 4-in., 4 3 prs.	2 18-in.	76	140
Parahyba	Do.	1908											
Rio Grande del Norte	Do.	1909											
Santa Catharina	Do.	1909											
Sergipe	Do.	1909											
Maranhao (ex-Polse)	Thornycroft	1913	265·3	26·5	10	2	934	22,500	31	3 4-in., 1 2-pr.	2 dble. 21-in.	..	250
SUBMARINES—													
Humayta	Spezia (Ansaldo Fiat)	1927	282	25·6	14	2	1450	4 800	18·5	14-in. A.A., carries mines	6 21-in.	55	140
Tamoya	Do.						1884	2,200	10				
Tymbira	Spezia	1937	197½	21	14½	..	620	1350	14	1 3·9-in.	6 21-in.	33	..
Tupy	(Orlando)	1937	197½	21	14½	..	855	800	8	2 M. A.A.	21-in.	..	..

Chile.

Name or Number.	Where Built.	Launched.	Dimensions.			Number of Screws.	Displacement.	Horse-Power.	Speed.	Armament.	Torpedo Tubes.	Complement.	Fuel.
			Length (Extreme.)	Beam.	Draught.								Coal/Oil
			Feet.	Feet.	Feet.		Tons.		Knots.				Tons.
DESTROYERS—													
Serrano	Thornycroft's	1928	300	29	9	2	1090	28,000	35	3 4·7-in., 1 3-in.	4 triple 21-in.	130	340
Orella	Do.												
Riquelme	Do.												
Hyatt	Do.												
Videla	Do.												
Aldea	Do.												
Almirante Lynch	White	1912	320 p.p.	32·6	11·1	3	1850	30,000	31	6 4-in. 4 M.	4 18-in.	190	427 80
Almirante Condell	Do.	1913											
SUBMARINES—													
Capitan Thompson	Vickers Armstrong's	1929	275	27·5	14·8	2	1520	2750	15	1 4-in.	8 21-in.	54	200
Almirante Simpson	Do.	1929											
Capitan O'Brien	Do.	1928											
H 1, Gualcoia	Fore River, U.S.A.	1915	150·3	15·75	12·3	2	355	480	13	..	4 18-in.	22	17·5
H 2, Tequilda	Do.						470	640	14				
H 3, Rucumilla	Do.												
H 4, Cuale	Do.												
H 5, Quidora	Do.												
H 6, Frezia	Do.												

3 submarines are projected (no money voted)

BRITISH DESTROYERS.

Great Britain—continued.

SUBMARINES—continued.

Name or Number.	Where Built.	Completed.	Dimensions.			No. of Screws.	Displacement.	Horse-Power.	Maximum Speed.	Armament.	Torpedo Tubes.	Complement (War).
			Length (Extreme).	Beam.	Draught.							
Porpoise Class:*												
Porpoise ..	Vickers-Armstrong	1933	239	29'8	13'8	..	1,500 2,053	3,300 1,630	15 8½	1 4-in., 2 smaller	6	55
Grampus ..	Chatham	1937	271½	25½	15	2	1,520 2,157	3,300 1,630	15½ 8½	1 4-in., 2 smaller	6	55
Narwhal ..	Vickers	1935										
Borqual ..	Scott's	1938										
Cachalot ..	Chatham	1939										
Seal ..	Chatham	1939										
Swordfish Class:												
Sunfish ..	Chatham	1937	208'7	24	10'5	2	670 960	1,900 1,300	15 10	3-in., 1 smaller	6	40
Sterlet ..	Chatham	1938										
Seawolf ..	Scott's	1938										
Salmon ..	Cammell Laird	1938										
Snapper ..	Chatham	1935										
Shark ..	Chatham	1934										
Sealion ..	Cammell Laird	1934										
Sturgeon ..	Chatham	1933	202'5	24	10'5	2	640 927	1,550 1,300	13½ 10	3-in., 1 smaller	6	40
Swordfish ..	Chatham	1932										
Rainbow Class:												
Rainbow ..	Chatham	1932	290	29'8	13'8	2	1,475 2,035	4,400 1,320	17½ 9	1 4-in., 2 smaller	8	53
Regent ..	Vickers-Armstrong	1930										
Regulus ..	Vickers-Armstrong	1930										
Rover ..	Vickers-Armstrong	1931										
Parthian Class:												
Parthian ..	Chatham	1931	290	29'8	13'7	..	1,475 2,040	4,400 1,320	17½ 9	1 4-in., 2 smaller	8	53
Perseus ..	Vickers-Armstrong	1930										
Proteus ..	Vickers-Armstrong	1930										
Pandora ..	Vickers-Armstrong	1930										
Phoenix ..	Cammell Laird	1931										
Odin Class:												
Odin ..	Chatham	1929	283½	29'8	13'7	..	1,475 2,038	4,400 1,320	17½ 9	1 4-in., 2 Lewis	8	53
Olympus ..	Beardmore	1930										
Orpheus ..	Beardmore	1930										
Osiris ..	Vickers	1929										
Oswald ..	Vickers	1929										
Otus ..	Vickers	1929										
Oberon Class:												
Oberon ..	Chatham	1927	270	28	13'2	..	1,311 1,830 1,354 1,872	2,950 1,350 3,000 1,350	15 9 15½ 9	1 4-in., 2 Lewis	8	53
Otway ..	Vickers	1927	275	27'7	13'3	..				1 4-in., 2 Lewis	8	53
L Class:												
L27 ..	Vickers	1926	238½	23½	11'7	..	760 1,080	2,400 1,600	17½ 10½	1 4-in., 1 Lewis	4	41
L26 ..	Vickers	1926										
L23 ..	Vickers	1924										
H Class:												
H50 ..	Beardmore	1920	171	15'75	12'5	2	410 500	480 320	13 10½	1 Lewis	4	23
H49 ..	Beardmore	1919										
H44 ..	Armstrong	1920										
H43 ..	Armstrong	1919										
H34 ..	Cammell Laird	1919										
H33 ..	Cammell Laird	1919										
H32 ..	Vickers	1919										
H31 ..	Vickers	1919										
H28 ..	Vickers	1918										

* Minelaying submarines.

Great Britain—continued.

SLOOPS

Name.	Displacement.	Length (Extreme).	Beam (Extreme).	Draught.	Horse-Power.	Where built.	Maker of Machinery.	Date of Launch.	Date of Completion.	Armament.	Speed (knots).	Complement.
Fast Escorts:												
Atherstone	..	..	..	..	..	Cammell Laird	Cammell Laird	} Bldg				
Berkeley	..	..	..	..	..	Yarrow	Yarrow					
Cattistock	..	..	..	..	..	Vickers Walker	Parsons					
Cleveland	..	..	..	..	..	J. Brown	J. Brown					
Cotswold	..	..	..	..	..	Swan Hunter	Wallsend Slipway					
Cottesmore	..	..	..	..	..	Scotts	Scotts					
Eglinton	..	..	..	..	..	J. S. White	J. S. White					
Exmoor	..	..	..	..	..	Stephens	Stephens					
Fernie	..	..	..	..	..		
Garth	..	..	..	..	..		
Hambleton	..	..	..	..	..		
Holderness	..	..	..	..	..		
Mendip	..	..	..	..	..		
Meynell	..	..	..	..	..		
Pytchley	..	..	..	..	..		
Quanton	..	..	..	..	..		
Southdown	..	..	..	..	..		
Tynedale	..	..	..	..	..		
Whaddon	..	..	..	..	..		
Convoy Escorts:												
Erne	1250	..	..	..	4,300	Furness	Richardson Westgarth	Bldg.	..	6 4-in. H.A. 10 smaller		
Ibis	..	..	..	..	..	J. S. White	J. S. White	1937	1938	8 4-in., 5 smaller	19½	
Egret	1200	282	37'6	8'4	3,600	Denny	Denny	1937	1938			
Auckland	..	..	..	..	..	Thornycroft	Thornycroft	1938	1939			
Pelican	..	..	..	..	..	..	..	..	..
Black Swan	1250	..	..	..	4,300	Yarrow	Yarrow	1939	Bldg.	6 4-in. H.A. 10 smaller		19½
Flamingo	..	..	..	..	..	..	..	..	..
Convoy Sloops:												
Enchantress	1085	282	37'0	8'6	3,300	J. Brown	J. Brown	1934	1935	4 4-7-in. guns and 2 on deposit	18½	125
*Stork	1100	282	37'0	8'6	3,300	Denny	Denny	1936	1936	4 8-pr. 6 4-7-in. guns 2 3-pr. 5 smaller	18½	..
Bittern	1190												J. S. White	J. S. White	1938	1938
Coastal Sloops:												
Kingfisher	510	234	26'6	6'6	3,600	Fairfield	Fairfield	1935	1935		20	..
Mallard	..	b.p.	..	..	..	Stephen	Stephen	..	1936		20	60
Puffin	..	..	..	..	..	Thornycroft	Thornycroft	..	1937	1 4-in. gun 8 smaller	20	..
Sheldrake	530	234	26'6	6'6	3,600	Yarrow	Yarrow	..	1938		20	..
Kittiwake	..	b.p.	..	..	..	Denny	Denny	..	1939		20	..
Widgeon	..	..	..	..	..	J. S. White	J. S. White	..	..		..	..
Guillemot	580	..	..	..	..	..	..	..	..		..	..
Pintail	..	..	..	..	..	..	..	..	..		..	..
Shearwater	..	..	..	..	..	..	..	..	..		..	..
Grimsby Class:												
Grimsby	..	..	..	..	..	(Devonport)	(Devonport)	1933	1934	2 4-7-in. guns. 1 3-in. 12 smaller	16½	100
†Leith	..	..	..	..	..	(Devonport)	(Devonport)	1935	1935			
†Lowestoft	..	..	..	..	..	(Devonport)	(Devonport)	1934	1935			
†Wellington	990	266	36'0	7'6	2,000	(Chatham)	(Chatham)	..	..	
London'dry	..	..	..	..	..	(Devonport)	(Devonport)	..	..	
Deptford	..	..	..	..	..	(Devonport)	(Devonport)	..	..	
Aberdeen	990	..	..	..	..	(Devonport)	(Devonport)	1935	Bldg.	3 4-in. 12 smaller 4 4-in. 12 smaller		
Fleetwood	..	..	..	..	..	..	..	..	..
SLOOP MINE-SWEEPERS.												
Halcyon Class:												
Halcyon	815	246	33'6	7'3	1,770	J. Brown	J. Brown	1934	1934	2 4-in. 5 smaller	17	80
Skipjack	..	..	..	..	..	Thornycroft	Thornycroft	..	..	
Harrier	..	..	..	..	..	..	..	..	..
Hussar	..	..	..	..	..	Hamilton	Beardmore	1935	1935			
Speedwell	..	..	..	..	..	J. S. White	J. S. White	1935	1936	2 4-in. 9 smaller	17	80
Niger	815	246	33'6	7'7	2,000	..	..	..	..
Salamander	..	..	..	..	..	..	..	..	..
Hebe	..	..	..	..	..	Devonport	..	1936	1937	2 4-in. 5 smaller	..	..
Sharpshooter	..	..	..	..	..	..	..	1937	1937		..	..
Hazard	..	..	..	..	..	..	..	1937	1937		..	..
*Gleaner	..	..	..	..	..	Wm. Gray	..	1937	1938		..	..

* Will be employed as surveying vessels and will carry 1 small gun only.

† In addition to her normal duties Enchantress will be made available for occasional use by the Board of Admiralty.

‡ Attached to New Zealand Division.

BRITISH DESTROYERS.
Great Britain—continued.

Name or Number.	Built by.	Completed.	Dimensions.			Number of Screws.	Standards Displacement.	Horse-Power.	Mean Speed on Trial, or expected.	Armament.	Torpedo Tubes.	Complement (War).	
			Length (Extreme)	Beam.	Draught.								
DESTROYERS—Javelin, etc., Classes—continued.													
Basilisk ..	Brown ..	1931	323	32½	8½	2	1360	34,000	35½	4 4-7-in., 2 2-pr., 1 M., 4 L.	2 Q. 21"	140	
Beagle ..	Hawthorn Leslie												
Boadicea ..	Palmers ..												
Boreas ..	Swan, Hunter												
Brazen ..													
Brilliant ..													
Bulldog ..													
Acasta ..	Brown ..												1930
Achates ..	Thornycroft												1930
Acheron ..	Thornycroft												1931
Active ..	Hawthorn Leslie	1930											
Antelope ..	Hawthorn Leslie	1930											
Anthony ..	Scotts ..	1930											
Ardent ..	Scotts ..	1930											
Arrow ..	Vickers-Armstr.	1930											
Thornycroft Type:													
Amazon ..	Thornycroft ..	1927	323	31½	9	2	1350	39,500	37	4 4-7-in., 2 2-pr., 1 M., 4 L.	2 T. 21"	140	
Yarrow Type:													
Ambuscade ..	Yarrow ..	1927	322	31	8½	2	1170	33,000	37	4 4-7-in., 2 2-pr., 1 M., 4 L.	2 T. 21"	140	
Admiralty "S" Class:													
Saladin ..	Stephen ..	1919	276	26½	10½	2	905	27,000	36	3 4-in., 1 2-pr., 1 M., 4 L.	2 D. 21"	103	
Sardonyx ..	" ..	1919											
Schmitar ..	Brown ..	1918											
Tenedos ..	Haw. Leslie	1919											
Thanet ..	" ..	1919											
Thraclan ..	" ..	1922											
Stronghold ..	Scott ..	1919											
Sturdy ..	" ..	1919											
Scout ..	Brown ..	1918											
Shikari ..	{Doxford } {Chatham }	1924											
Admiralty "V" Class:													
Vansittart ..	Beardmore ..	1919	312	29½	10½	2	1120	27,000	34	4 4-7 in., 2 2-pr., 1 M., 4 L.	2 T. 21"	130	
Venomous ..	Brown ..	1919											
Verily ..	" ..	1919											
Volunteer ..	Denny ..	1919											
Veteran ..	Brown ..	1919											
Wanderer ..	Fairfield ..	1919											
Wren ..	Yarrow ..	1923											
Whitshed ..	Swan Hunter	1919											
Wild Swan ..	" ..	1919											
Witherington ..	J. S. White	1919											
Wivern ..	" ..	1919											
Wolverine ..	" ..	1920											
Worcester ..	" ..	1922											
Whitehall ..	{Swan Hunter } {Chatham }	1925											
Walpole ..	Doxford ..	1918											
Whitley ..	" ..	1918											
Wryneck ..	Palmer ..	1918											
Windsor ..	Scott ..	1918											
Wrestler ..	Swan Hunter	1918											
Wessex ..	Haw. Leslie	1918											
Winchester ..	J. S. White	1918											
Wolfhound ..	Fairfield ..	1918											
Westminster ..	Scott ..	1918											
Westcott ..	Denny ..	1918											
Wakeful ..	Brown ..	1917											
Walker ..	Denny ..	1918											
Warwick ..	Haw. Leslie	1918											
Watchman ..	Brown ..	1918											
Whirlwind ..	Swan, Hunter	1918											
Winchelsea ..	J. S. White	1918											
Vanessa ..	Beardmore	1918											
Vanity ..	" ..	1918											
Vidette ..	Stephen ..	1918											
Vivien ..	Yarrow ..	1918											

Torpedo tubes: D.=double, T.=triple.
† Escort Vessels and armed with 4 4-in. guns.

BRASSEY'S NAVAL ANNUAL.
Great Britain—continued.

Name or Number.	Built by.	Completed.	Dimensions.			Number of Screws.	Standards Displacement.	Horse-Power.	Mean Speed on Trial, or expected.	Armament.	Torpedo Tubes.	Complement (War).
			Length (Extreme)	Beam.	Draught.							
DESTROYERS—Admiralty "V" Class—continued.												
†Valentine ..	C. Laird ..	1917	312	29½	10½	2	1090	27,000	34	4 4-in., 1 2-pr., 1 M., 4 L.	2 T. 21"	120
†Valorous ..	Denny ..	1917										
Vimy (late Vancouver) ..	Beardmore ..	1918										
Vanoc ..	Brown ..	1917										
Vanquisher ..	" ..	1917										
†Vega ..	Doxford ..	1917										
Velox ..	" ..	1918										
Venetia ..	Fairfield ..	1917										
†Verdun ..	Haw. Leslie ..	1917										
Versatile ..	" ..	1918										
Vesper ..	Stephen ..	1918										
†Vimiera ..	Swan Hunter ..	1917										
Vivacious ..	Yarrow ..	1917										
Vortigern ..	J. S. White ..	1918										
Thornycroft "V" Class:												
Witch ..	{Thornycroft } {Devonport }	1924	312	30½	10-9	2	1140	30,000	35	4 4-7 in., 2 2-pr., 1 M., 4 L.	2 T. 21"	130
Wishart ..	{Thornycroft }	1920										
†Woolston ..	" ..	1918	312	30½	10½	2	1120	30,000	35	4 4-in., 1 2-pr., 1 M., 4 L.	2 T. 21"	120
†Wolsey ..	" ..											
†Viceroy ..	" ..											
Viscount ..	" ..											
Admiralty "R" Class:												
Skate ..	Brown ..	1917	276-276½	26½	10½	2	900	27,000	36	3 4-in., 1 2-pr., 1 M., 4 L.	2 D. 21"	98

Torpedo tubes: D.=double, T.=triple.
† Escort Vessels and armed with 4 4-in. guns.

SUBMARINES.

Name or Number.	Where Built.	Completed.	Dimensions.			No. of Screws.	Displacement.	Horse-Power.	Maximum Speed.	Armament.	Torpedo Tubes.	Complement (War).
			Length (Extreme)	Beam.	Draught.							
Unity Class:												
Unity ..	Vickers ..	1938	180	16-1	12-9	..	540	615	11½	2 small guns	6	27
Ursula ..							730	825	10			
Triton Class:												
Tetrach ..	Vickers	Bldg.	..	..	..	..	1,090	..	..	4-in.	..	..
Talisman ..	Cammell Laird	Bldg.										
Torbay ..	Chatham	Bldg.										
Triton ..	Vickers-Armstrong	1938										
†Thetis ..	{Camm'IlLaird }	1939	265	26½	12	..	1,090	2,500	15½	1 4-in. gun	6	..
Triumph ..							1,575	1,450	9			
Trident ..							..	..	..
Tribune ..							..	..	..
Thistle ..	Vickers	Bldg.	..	..	..	..	1,090	..	..	..	..	..
Taku ..	Cammell Laird											
Tarpon ..	Scott's											
Triad ..	Vickers											
Truant ..	Vickers	Bldg.	..	..	..	..	..	..	..	..	..	..
Tuna ..	Scott's											
Tigris ..	Chatham	..	..	..	..	..	..	..	..	..	..	..
Thames Class:												
Thames ..	Vickers-Armstrong	1932	345	28	13-5	2	1,805	10,000	21½	1 4-in., 2 smaller	6	60
Severn ..	Vickers-Armstrong	1935	345	28	13-7	2	2,680	2,500	10			
Clyde ..							2,723	2,500	10			

† Foundered on trials but salvaged later.

BRITISH AND FOREIGN FLOTILLAS.

Great Britain.

Name or Number.	Built by.	Completed.	Dimensions.			Number of Screws.	Standard Displacement.	Horse-Power.	Mean Speed on Trial, or expected.	Armament.	Torpedo Tubes.	Complement (War).
			Length (Extreme).	Beam.	Draught.							
FLOTILLA LEADERS.												
			ft. ins.	ft. ins.	ft. ins.	Tons		Knots.				
<i>Tribal Class:</i>												
Ashanti	Denny	1938										
Bedouin	Vickers	1939										
Eskimo	Walker	1939										
Mashona	Scotts	1939							8 4-7-in. guns	1 Q.	200	
Matabele	Stephen	1938							7 smaller	21"		
Punjabi	Swan Hunter ..	1938										
Sikh	Afridi	1938										
Somali	Vickers-Armstrongs	1938										
Tartar	Fairfields	1938										
Afridi	Thornycroft ..	1938							8 4-7-in. guns.	1 Q.		
Cossack	Stephen & Sons	1938										
Ghurka	Cammell Laird ..	1937										
Maori	Yarrow	1935	343	33 9	8 8	2	1530	38,000	36½	2 Q.	175	
Mohawk	Portsmouth .. .	1936	329	33 0	8 8	2	1460	38,000	36½	21"	125	
Nubian	Dockyard	1933	329	33 0	8 8	2	1400	36,000	35½	2 Q.	175	
Zulu	J. S. White .. .	1932	329	33 0	8 7	2	1390	36,000	35½	2 Q.	175	
Inglefield .. .	Vickers	1931	323	32 3	8 6	2	1400	34,000	35½	2 Q.	175	
Hardy	Swan Hunter .. .	1930	343	33 9	10 0	2	1540	39,000	35	2 Q.	185	
Faulknor	Thornycroft .. .	1919	329	31 11	12 4	2	1480	40,000	36	2 T.	182	
Duncan	"	1925										
Kempenfelt .. .	"	1925										
Keith	Cammell Laird ..	1918	332 6	31 9	12 3	2	1530	40,000	36.5	2 T.	182	
Codrington .. .	Hawthorn Leslie	1919										
Wallace	"	1918										
Keppel	"	1918										
Broke, ex-Rooke	"	1918										
Douglas	"	1918										
Campbell	"	1918										
Mackay, ex-Claverhouse	"	1919										
Malcolm	"	1919										
Montrose	"	1918										

† Escort vessel armed with 4-in. guns.

DESTROYERS.

Name or Number.	Built by.	Completed.	Dimensions.			Number of Screws.	Standard Displacement.	Horse-Power.	Mean Speed on Trial, or expected.	Armament.	Torpedo Tubes.	Complement (War).
			Length (Extreme).	Beam.	Draught.							
			Feet.	ft. ins.	ft. ins.	Tons.		Knots.				
<i>Napier, Milne, Laforey, Kelly, Javelin, Intrepid, Hero, Greyhound, Fearless, Eclipse, Defender, Beagle, & Acasta Classes:</i>												
Napier (leader) ..	Fairfield					1935						
Nestor	John Brown .. .					1920			4.7 in.			
Norissa	Denny					1920						
Nizam	Thornycroft .. .					1920						
Noble	Scotts					1920						
Nonpareil	Parsons (Hulls by Vickers)					1920						
Norman	Stephens					1920						
Norseman	Fairfields					1920						
Milne (leader) ..	"					1920						
Marksman	"					1920						
Marne	"					1920						
Martin	"					1920						
Matchless	"					1920						
Meteor	"					1920						
Musketeer	"					1920						
Myrmidon	"					1920						

Torpedo tubes: T. = triple. Q. = quadruple.

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Great Britain—continued.

Name or Number.	Built by.	Completed.	Dimensions.			Number of Screws.	Standard Displacement.	Horse-Power.	Mean Speed on Trial, or expected.	Armament.	Torpedo Tubes.	Complement (War).
			Length (Extreme).	Beam.	Draught.							
DESTROYERS—												
<i>Javelin, etc., Classes—continued.</i>												
			Feet.	Feet.	Feet.	Tons.		Knots.				
Laforey (leader)	Yarrow					1935						
Lance	Cammell Laird ..					1920			4.7 in.			
Larne	Hawthorn Leslie					1920						
Lively	Scotts					1920						
Legion	H'wthorn Leslie					1695						
Lightning	John Brown .. .					1695						
Lookout	Denny					1695						
Loyal	Fairfield					1690	40,000	36	6 4-7 in. guns	10		
Kelly (leader)	Swan Hunter .. .	1939		35 0		1690	40,000	36	7 smaller	21"		
Kashmir	Thornycroft .. .					1690						
Kandahar	White					1690						
Kelvin	Yarrow					1690						
Khartoum	John Brown .. .					1690						
Kimberley	Denny					1690						
Kingston	Fairfield					1690						
Kipling	Swan Hunter .. .					1690						
Jackal	Thornycroft .. .					1690						
Jaguar	White					1690						
Jono	Yarrow					1690						
Janus	John Brown .. .					1690						
Javelin	Denny					1690						
Jersey	Fairfield					1690						
Jervis (leader)	Swan Hunter .. .					1690						
Jupiter	Thornycroft .. .					1690						
Icarus	J. S. White .. .					1690						
Ilex	H'wthorn Leslie					1690						
Isis	Yarrow					1690						
Ivanhoe	John Brown .. .					1690						
Imogen	Denny					1690						
Imperial	Fairfield					1690						
Intrepid	Swan Hunter .. .					1690						
Impulsive	Thornycroft .. .					1690						
Hero	J. S. White .. .					1690						
Hereward	H'wthorn Leslie					1690						
Hostile	Yarrow					1690						
Hotspur	John Brown .. .					1690						
Hasty	Denny					1690						
Havock	Fairfield					1690						
Hunter	Swan Hunter .. .					1690						
Hyperion	Thornycroft .. .					1690						
Greyhound .. .	Vickers-Armstrong					1690						
Griffin	John Brown .. .					1690						
Garland	Denny					1690						
Gipsy	Fairfields					1690						
Gallant	Hawthorn Leslie					1690						
Grenade	Stephens					1690						
Grafton	Thornycroft .. .					1690						
Glowworm	John Brown .. .					1690						
Fearless	Denny					1690						
Foresight	Fairfield					1690						
Foxhound	Swan Hunter .. .					1690						
Fortune	Thornycroft .. .					1690						
Forester	J. S. White .. .					1690						
Fury	Parsons/Vickers-Armstrong					1690						
Fame	Denny					1690						
Firedrake	Scotts					1690						
Eclipse	Hawthorn Leslie					1690						
Echo	John Brown .. .					1690						
Escapade	Denny					1690						
Escort	Scotts					1690						
Electra	Hawthorn Leslie					1690						
Encounter	John Brown .. .					1690						
Esk	Denny					1690						
Express	Swan Hunter .. .					1690						
Defender	Thornycroft .. .					1690						
Diamond	Vickers-Armstrong					1690						
Decoy	Thornycroft .. .					1690						
Dainty	Fairfield					1690						
Delight	John Brown .. .					1690						
Diana	Palmers					1690						

Torpedo tubes: T. = triple. Q. = quadruple. † Damaged and beached.

Class	NAME	Displacement	Length (Ktr. me.)	Beam	Draught	Horse-Power and Boilers	Where built	Date of Launch	Date of Completion	Cost (exclusive of armament)	Armour	Armament	Speed	Fuel	Complement
Astoria Class	Tuscaloosa	9975	588	61½	19½	107,000 W.G.T. (Tuscaloosa) P.T.(G.)	New York, S. B. Co.	1933	1934	2,090,000 estimated	5	9 8-in. (55 cal.), 8 5-in. (25 cal.) A.A., and 10 smaller, 2 catapults, 4-6 aircraft, 50 mines	32.7	oil	620
	San Francisco	9950					Mare Island Navy Yard			2,460,000	3				
	New Orleans	9950					Navy Yard			2,460,000	5				
	Astoria	9950					Puget Sound Navy Yard			2,460,000	6				
	Minneapolis	9950					Philadelphia Navy Yard			2,460,000	6				
Portland Class	Portland	9800	610½	66	17½	107,000 P.T.(G.)	S. B. Co.	1932	1933	2,210,000		9 8-in. (55 cal.), 8 5-in. (25 cal.) A.A., and 10 smaller, 2 catapults, 4-6 aircraft	32.7	oil	620
	Indianapolis	9850					New York S. B. Co.	1931	1932	2,250,000					
	Northampton	9050					Bethlehem S. B. Corp., Quincy	1929	1930	2,180,000					
Chester Class	Chester	9200					American Brown Boveri Elec. Corp.	1929	1930	2,230,000					
	Louisville	9050	600½	66	16.8-17.6	107,000 P.T. (G.)	Puget Sound Navy Yard	1930	1931	2,290,000	3	9 8-in. (55 cal.), 4 5-in. (25 cal.) A.A., 2 3-pr., 21-in. planes	32½	oil	611
Augusta Class	Chicago	9300		68			Mare Island Navy Yard	1930	1931	2,280,000					
	Houston	9050		65			Newport News S. B. & D. D. Co.	1929	1930	2,170,000					
	Augusta Cincinnati	9050		66			& D. D. Co.	1930	1931	2,170,000					
Omaha Class	Concord	7050	555½	55½	13½	90,000 P.T. (G.)	Tacoma, Wash. Philadelphia (Cramp)	1921	1924	1,730,000 1,742,000	1½	12 6-in. (53 cal.) (Cincinnati and Detroit, 10 6-in., 4 5-in. (50 cal.) A.A., 2 3-pr., 21-in. aircraft, 30 mines	33.7	— 1800	450
	Detroit	7050	555½	55½	13½	90,000 C.T. (G.)	Bethlehem S. B. Co. Quincy	1922	1923	1,584,000	3	10 8-in. (55 cal.), 4 5-in. (25 cal.) A.A., 2 3-pr., 2 catapults, 2 aircraft, 4 planes	33.7	— 3000	603

UNITED STATES.—Cruisers—continued.

Class	NAME	Standard Displacement	Length (Ktr. me.)	Beam	Draught	Horse-Power and Boilers	Where built	Date of Launch	Date of Completion	Cost (exclusive of armament)	Armour	Armament	Speed	Fuel	Complement
Omaha Class	Trenton	7050	555½	55½	13½	90,000 P.T. (G.)	Philadelphia (Cramp)	1923	1924	1,823,000	in.	12 6-in. (53 cal.) (Marblehead, 11 6-in., 4 3-in. (50 cal.) A.A., 2 3-pr., 2 catapults, 2 floatplanes, 30 mines	33.7	— 1800	450
	Marblehead	7050	555½	55½	13½	90,000 P.T. (G.)	Tacoma, Wash.	1921	1923	1,838,000 1,794,000	3				
	Memphis	7050	555½	55½	13½	90,000 P.T. (G.)	Tacoma, Wash.	1920	1923	1,823,000	3	10 6-in. (53 cal.) (Omaha, 12 6-in., 4 3-in. (50 cal.) A.A., 2 3-pr., 2 catapults, 2 floatplanes, 30 mines	33.7	— 1800	450
	Milwaukee	7050	555½	55½	13½	90,000 C.T. (G.)	Bethlehem S. B. Co., Quincy	1923	1924	1,616,000	1½				
Pensacola Class	Omaha	9100	585½	65½	16	107,000 P.T. (G.)	Philadelphia (Cramp)	1921	1923	1,742,000	3	10 8-in. (55 cal.), 4 5-in. (25 cal.) A.A., 2 3-pr., 2 catapults, 4 planes	33.7	— 3000	603
	Raleigh	9100	585½	65½	16	107,000 P.T. (G.)	New York S. B. Co.	1929	1929	3,400,000	3				
	Richmond	9100	585½	65½	16	107,000 P.T. (G.)	Navy Yard, New York	1929	1930		1½				

b. Texas*	27,000,573	106	26	28,100 recip.	Newport News	1912-1914	1,166,000	12-4	3	9	10	14-8	6	10	14-in. (45 cal.), 8 3-in. (50 cal.) A.A., 4 3-pr., 2 1-pr., 2 M., 1 catapult, 3 floatplanes	21-0	—	1450
b. West Virginia	31,800,624	97½	30	27,300 B. & W. tur. electric drive.	Newport News	1921-1923	1,383,000	13-1	..	..	18	..	..	..	8 16-in. (45 cal.), 12 5-in. (51 cal.), 8 5-in. (25 cal.) A.A., 4 6-pr., 2 1-pr., 2 M., 2 catapults, 21-in. floatplanes	2 21-0	—	1407

Battleship Utah was converted to a mobile target ship in 1931 in accordance with the London Naval Treaty, and the battleship Wyoming was converted to a training ship (speed 18 knots) in 1931 in accordance with London Naval Treaty.

* Modernised in 1927. Modernisation included fitting of bulge protection, protection of decks against aerial attack, conversion to oil burning, installation of 3-in. A.A. battery, and addition of catapults. Cost about £600,000 each ship. Displacement increased about 3000 tons.

† Modernised in 1931. Modernisation included fitting bulges, reboiling, increasing elevation of turret guns, replacing former anti-aircraft batteries by 5-inch A.A. guns, new masts and new fire control.

‡ Taken in hand for modernisation 1931. New Mexico and Mississippi completed 1933. Idaho completed 1934. Modernisation includes fitting, increased deck protection increasing elevation of turret guns, installation of eight 5-in. A.A. guns, reboiling, fitting of new turbines (the electric drive in New Mexico has been replaced by turbine machinery), alterations to masts and bridges, and fitting of bulges.

§ Modernisation in 1929. Alterations include fitting of bulges, deck protection, tripod masts, increasing elevation of turret guns, fitting a new 5-in. anti-aircraft battery.

UNITED STATES.—Aircraft Carriers.

Class.	NAME.	Standard Displacement.	Length. (Extreme.)	Beam.	Draft.	Horse-Power. Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.		Speed.	Fuel.	Complement.	
											Deck.	Gun Position.	Guns.	Torpedo Tubes.				Coal.	Oil.
A.C.	Wasp	14,700 tons.	688 (onw.l.)	80	20	(G.)	Bethlehem S. B. Co.	Bldg. 1936	..	about 4,000,000	in.	in.	8 5-in., 77 aircraft	..	..	..	..	..
A.C.	Hornet	19,800	760 (onw.l.)	83	21½	120,000 (G.)	Newport News	Bldg. 1936	1938	..	..	..	8 5-in. A.A. guns, 76 aircraft	..	..	..	..	..
A.C.	Yorktown	14,500	769	80	19½	53,500 (G.)	Newport News S. B. Co.	1933	1934	about * 4,000,000	..	..	8 5-in. A.A., 50 M.G., 76 aircraft	..	..	..	..	1434
A.C.	Enterprise	33,000	880	10½	31½	180,000 tur. electric	Bethlehem S. B. Co.	1925	1927	9,000,000	..	..	8 8-in. (55 cal.), 12 5-in. (25-cal.) A.A. 12 M.G.; 4 6-pr. Operates about 80 landplanes. 1 catapult	..	..	..	..	1670
A.C.	Ranger	33,000	880	10½	31½	180,000 tur. electric	(Fore River) S. B. Co.	1925	1927	9,000,000	..	..	8 8-in. (55 cal.), 12 5-in. (25-cal.) A.A. 12 M.G.; 4 6-pr. Operates about 80 landplanes. 1 catapult	..	..	..	..	1670
A.C.	Lexington	33,000	888	10½	31	180,000 tur. electric	(Fore River) S. B. Co.	1925	1927	9,000,000	3	..	8 8-in. (55 cal.), 12 5-in. (25-cal.) A.A. 12 M.G.; 4 6-pr. Operates about 80 landplanes. 1 catapult	..	..	..	..	1670
A.C.	Saratoga	11,500	542	65½	19	7,200 tur. electric	N. Y. Ship-building Co. Mare Island	1912	1922	..	3	..	4 5-in. (51 cal.), operates 7 land-planes	—	..	..	..	411
A.C.	Langley †	11,500	542	65½	19	7,200 tur. electric	Navy Yard	1912	1922	..	3	..	4 5-in. (51 cal.), operates 7 land-planes	—	..	..	..	411

* The estimated cost has been increased from 19 million dollars to 21 million dollars to allow for the conversion of the vessel from a "flush-deck" type of carrier to an "island" type of carrier during construction.

† For particulars of Aircraft Tenders and Repair Ships, see page 126.

‡ Formerly Collier Jupiter, converted 1937 into aircraft tender.

UNITED STATES.—Cruisers.

Class.	NAME.	Standard Displacement.	Length. (Extreme.)	Beam.	Draft.	Horse-Power. Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost (exclusive of armament).	Armour.		Armament.	Speed.	Fuel.	Complement.
											Belt.	Deck.					Gun Position.	Torpedo Tubes.	Coal.	Oil.
Phoenix Class	Phoenix	10,000	600	61	19	100,000 (G.)	N. Y. S. Co., Camden	1938	1938	2,395,000	in.	in.	..	..	..	..
	Boise	10,000	600	61	19	100,000 (G.)	Newport News	1936	1938	2,380,000	5	3	15 6-in., 8 5-in., 4 sea-planes, 2 catapults	32½	Oil	..
	Honolulu	10,000	600	61	19	100,000 (G.)	N. Y. S. Co., Camden	1937	1938	..	..	..	..	..	..	..
	St. Louis	10,000	600	61	19	100,000 (G.)	N. Y. S. Co., Camden	1937	1938	..	..	..	..	..	..	..
	Helena	10,000	600	61	19	100,000 (G.)	N. Y. S. Co., Camden	1938	1938	..	..	..	..	..	..	..
	Atlanta	10,000	600	61	19	100,000 (G.)	N. Y. S. Co., Camden	1938	1938	..	..	..	..	..	..	..
	San Juan	10,000	600	61	19	100,000 (G.)	N. Y. S. Co., Camden	1938	1938	..	..	..	..	..	..	..
Wichita Class	Wichita	10,000	600	61½	19½	100,000 (G.)	Federal, S. B. Kearney	Proj.	..	..	..	..	..	..	..	..
	Savannah	10,000	600	61½	19½	100,000 (G.)	Philadelphia Navy Yard	1937	1938	..	..	..	..	..	..	..
	Nashville	10,000	600	61½	19½	100,000 (G.)	Philadelphia Navy Yard	1937	1938	..	..	..	..	..	..	..
Brooklyn Class	Brooklyn	10,000	600	61½	19½	95,000 (G.)	New York Navy Yard	1937	1938	2,410,000 estimated	..	..	15 6-in., 8 5-in. A.A., 4 sea-planes, 2 catapults	32½	Oil	..
	Philadelphia	10,000	600	61½	19½	95,000 (G.)	New York Navy Yard	1937	1938	..	..	..	..	..	..	..
Quincy Class	Vincennes	9,400	588	61½	19½	107,000 P.T. (G.)	Bethlehem S. B. Corp., Quincy	1936	1937	2,410,000 estimated	..	..	9 8-in., 8 5-in. A.A., 2 3-pr., 10 smaller, 2 catapults, 4 aircraft	..	..	..
	Quincy	9,400	588	61½	19½	107,000 P.T. (G.)	Bethlehem S. B. Corp., Quincy	1936	1937	1,860,000 estimated	..	..	9 8-in., 8 5-in. A.A., 2 3-pr., 10 smaller, 2 catapults, 4 aircraft	32.7	Oil	620

b	Colorado	32,500,624	97½	30½	27,300 B. & W. tur. electric drive	New York (S.B. Co.)	1921	1923	1,388,000	13½-12	K.S.	..	..	..	18 K.S.	..	8 16-in. (45 cal.), 12 5-in. (51 cal.), 8 5-in. (25 cal.) A.A., 4 6-pr., 2 1-pr., 2 M., 2 catapults, 3 floatplanes	2 21-in. (sub.) 21-in.	4570	21·0	1407
b.	Idaho †	33,400,624	106½	29½	40,000 B. & W. P.T.	New York (S.B. Co.)	1917	1919	1,485,000	14	K.S.	3	..	..	18 K.S.	..	12 14-in. (50 cal.), 12 5-in. (51 cal.), 8 5-in. A.A., 4 3-pr., 2 1-pr., 2 M., 2 catapults, 3 floatplanes	2 21-in. (sub.) 21-in.	3271	21½	1374
b.	Maryland	31,500,624	97½	29½	27,300 B. & W. tur. (G.) and electric drive	Newport News	1920	1921	1,388,000	13½-12	K.S.	..	..	..	18 K.S.	..	8 16-in. (45 cal.), 12 5-in. (51 cal.), 8 5-in. (25 cal.) A.A., 4 6-pr., 2 1-pr., 2 M., 2 catapults, 3 floatplanes	2 21-in. (sub.) 21-in.	4570	21	1410
b.	Mississippi †	33,000,624	106½	29½	40,000 B. & W. C.T. (G.)	Newport News	1917	1917	1,485,000	14	K.S.	3	..	..	18 K.S.	..	12 14-in. (50 cal.), 12 5-in. (51 cal.), 8 5-in. A.A., 4 6-pr., 2 1-pr., 2 M., 2 catapults, 3 floatplanes	2 21-in. (sub.) 21-in.	3271	21	1374

† See note † on p. 267.

* See note * on p. 267.

† Modernised, 1934. (See i. p. 267.)

‡ The sums given in this column are exclusive of the cost of armour and armament according to the system of making appropriations in the estimates.

UNITED STATES.— Battleships—continued.

Class.	NAME.	Standard Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.				Armament.		Speed.	Fuel.			
											Belt.	Deck.	Side above Belt.	Bulkhead.	Heavy Guns.	Gun Position.			Guns.	Torpede Tubes.	Coal.	Oil.
b.	Nevada §.	29,000	583	108	27½	25,000 Y. F. tur.	Quincy, Mass. (Fore River)	1914	1916	1,211,342	13½-8	1½-3	..	18½ K.S.	18-16 K.S.	..	10 14-in. (45 cal.), 12 5-in. (51 cal.), 8 5-in. (25 cal.) A.A., 4 6-pr., 2 1-pr., 2 M., 2 catapults, 3 floatplanes	—	20·5	—	1320
b.	New Mexico †	33,400	624	106½	29½	40,000 B. & W. Electric drive	New York (Navy Yard)	1917	1918	1,485,000	14	3	..	..	18 K.S.	..	12 14-in. (50 cal.), 12 5-in. (51 cal.), 8 5-in. A.A., 4 6-pr., 2 1-pr., 2 M., 2 catapults, 3 floatplanes	2 21-in. (sub.) 21-in.	3271	21·5	1414
b.	New York *	27,000	573	106	26	28,100 B. & W. recip.	New York (Navy Yard)	1912	1914	1,315,114	12-4	3	9 K.S.	10 K.S.	14-8 K.S.	6 K.S.	10 14-in. (45 cal.), 16 5-in. (51 cal.), 8 3-in. (50 cal.) A.A., 4 3-pr., 2 1-pr., 2 M., 1 catapult, 3 floatplanes	—	21 0	—	1450
b.	Oklahoma §	29,000	583	108	28½	25,300 B. & W. recip.	New York (S.B. Co.)	1914	1916	2,200,000	13½-8	1½-3	..	18½ K.S.	18-16 K.S.	..	10 14-in. (45 cal.), 12 5-in. (51 cal.), 8 5-in. (25 cal.) A.A., 4 3-pr., 2 1-pr., 2 M., 2 catapults, 3 floatplanes	—	20·5	—	1320
b.	Pennsylvania †	33,100	608	106½	28	40,000 B. & W. Cur. tur.	Newport News	1915	1916	1,485,000	14	3	..	..	18 K.S.	..	12 14-in. (45 cal.), 12 5-in. (51 cal.), 8 5-in. (25 cal.) A.A., 4 3-pr., 2 1-pr., 2 M., 2 catapults, 3 floatplanes	—	21·0	—	1880
b.	Tennessee .	32,800	624	97½	30½	26,800 B. & W. Tur. electric drive.	New York (Navy yard)	1919	1920	2,620,000	14-8	3	..	..	18 K.S.	..	12 14-in. (50 cal.), 12 5-in. (51 cal.), 8 5-in. (25 cal.) A.A., 4 6-pr., 2 1-pr., 2 M., 2 catapults, 3 floatplanes	2 21-in. (sub.) 21-in.	4656	21·0	1412

SWEDEN.

Class.	NAME.	Standard Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power. Type and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.				Armament.		Speed.	Fuel Coal. Oil.	Complement.	
											Belt.	Deck.	Side above Belt.	Bulkhead.	Gun Position.	Guns.				Torpedo Tubes.
c.d.s.	Two in number	tons.	ft.	ft.	ft.	ft.				£	in.	in.	in.	in.	in.	in.	in.	knots.	tons.	
"	Aran.	8000	436	64	10½	7000 Y. t	Gothenburg	1901	1902	..	7	1½	..	..	7½	5	..	22	300	287
"	Drottning-Victoria*	7100	396.7	61	21½	22,000 (G.) Y. t	Gothenburg	1917	1921	666,000	8-6	1½	4	..	8	5	sub. 18-in.	23.0	690	450
l. cr.	Fylgia	4200	378	48-6	20-6	12,444 (G.) Y. t	Stockholm	1905	1907	385,700	4	2	..	..	5	5	..	22.7	900	328
Hangar Cruiser	Gotland	4700	442	50-6	14-7	38,000 (G.) Y. t	Gothenburg	1933	1934	910,000 (estimated)	..	..	..	..	..	..	sub. 18-in.	..	..	453
c.d.s.	Gustav V.*	7100	396.7	61	21½	22,000 (G.) Y. t	Malmö	1918	1922	666,000	8-6	1½	4	..	8	5	..	23.0	690	450
"	Manligheten	3361	287	49½	17-4	7400 Y.	Malmö	1908	1904	..	7	1½	..	..	7½	5	..	17.0	300	300
"	Oscar II	4250	313-6	50-5	18	9000 Y.	Gothenburg	1905	1907	..	6	2	6	..	7½	5	sub. 18-in.	18.0	500	330
"	Sverige*	6899	392.7	61	21½	20,000 tur. Y.	Gothenburg	1915	1917	666,000	8-6	1½	4	..	8	5	..	22.5	690	450
"	Tapperheten	3361	287	49½	17-7	6000 Y.	Malmö	1901	1903	..	7	1½	..	..	7½	5	..	16.5	300	287
"	Wasa	3361	287	49½	17	6500 Y.	Stockholm	1901	1902	..	7	1½	..	..	7½	5	sub. 21-in.	17.2	300	287

* Reconstructed and modernised (1929-33).

MINE-LAYER.—Fleming, 1570 tons, 4 4-7-in., 20 knots, 100 mines.
 AIRCRAFT DEPOT SHIP.—Dristigheten (1901), 3218 tons, 6 knots, 4 3-in., 3 aircraft. DEPOT SHIP.—Njord (1898), 3297 tons; Göta, 3350 tons. Jacob Bagge, Örngey, 738 tons, 20 knots, 2 4-7-in. guns.
 SAILING TRAINING SHIPS.—Af. Chapman, Najaden, Jarramas and Valken (1877-1900).
 VEDETTE BOATS (used for minelaying and minesweeping).—Kaparen, Jagaren, Snapphanen, Vaktaren, 290 tons, 24 knots, 2 3-in., 2 1-in. A.A.
 TENDERS.—Sokaren, Sveparen, Sprangaren, 160 tons, 10 knots 1 6-pr.; Nos. 27, 28, 30, 33-36, 90 tons, 23 knots, 2 1-5-in., 1 15-in. r.t.; No. 19, 55 tons, 10 knots, 1 1-5-in. MOTOR TORPEDO BOATS.—Nos. 1 and 2, 63 feet, 24 tons, 2000 H.P., 40 knots; Nos. 3 and 4, 55 feet, 11 tons, 900 H.P., 41 knots.
 MINESWEEPERS.—Starkodder, Styrbjörn, 350 tons, 15 knots, 2 1-5-in.; M. 1, 2, 60 tons, 16½ knots, 2 m.g.; Arholma, Landsort, 370 tons, 17½ knots, 2 3-in. 1 m.g.; Nos. 1 and 2, 60 tons, 17 knots, 1 m.g.
 ICEBREAKERS.—Atle, 1720 tons, 16 knots; Ymer, 3450 tons, 18 knots.

UNITED STATES.—Battleships

Class.	NAME	Standard Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power. Type and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.				Armament.		Speed.	Fuel Coal. Oil.	Complement.	
											Belt.	Deck.	Side above Belt.	Bulkhead.	Gun Position.	Guns.				Torpedo Tubes.
b.	Iowa	15,000	..	..	..	..	Philadelphia (Navy Yard)	Big.	..	£	in.	in.	in.	in.	in.	in.	in.	..	..	..
b.	New Jersey	15,000	..	..	..	..	New York (Navy Yard)	..	..	..	..	..	..	..	..	..	..	..	..	..
b.	Washington	35,000	750	108	28	70,000	Newport	News Big.	..	..	..	..	..	..	..	..	..	..	..	..
b.	North Carolina	32,600	608	105½	27½	33,376 B. & W. P. tur.	Bethlehem (S.B. Co.)	1915	1916	1,485,000	14-8	3	..	..	18	..	..	..	..	..
b.	Indiana	26,100	562	106	26	30,000 P. tur.	New York (S.B. Co.)	1911	1912	964,000	11-5	3	..	..	11	6½	..	..	..	..
b.	Massachusetts	32,600	624	97½	30½	26,800 tur. electric drive	Mare Island (Navy Yard)	1919	1921	2,620,000	14-8	3	..	..	18	..	..	..	..	..
b.	Alabama	32,600	624	97½	30½	26,800 tur. electric drive	Mare Island (Navy Yard)	1919	1921	2,620,000	14-8	3	..	..	18	..	..	..	..	..
b.	South Dakota	32,600	624	97½	30½	26,800 tur. electric drive	Mare Island (Navy Yard)	1919	1921	2,620,000	14-8	3	..	..	18	..	..	..	..	..
b.	Arizona †	32,600	608	105½	27½	33,376 B. & W. P. tur.	New York (Navy Yard)	1915	1916	1,485,000	14-8	3	..	..	18	..	..	..	..	..
b.	Arkansas *	26,100	562	106	26	30,000 P. tur.	New York (S.B. Co.)	1911	1912	964,000	11-5	3	..	..	11	6½	..	..	..	..
b.	California	32,600	624	97½	30½	26,800 tur. electric drive	Mare Island (Navy Yard)	1919	1921	2,620,000	14-8	3	..	..	18	..	..	..	..	..

NORWAY.

Class.	NAME.	Normal Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.				Armament.		Speed.	Fuel.	
											Belt.	Deck.	Slide above Belt.	Bulkhead.	Gun Position.	Guns.		Torpedo Tubes.	Coal.	Oil.
c.d.s.	Eidsvold Norge	4166	310½	50½	17½	4500	Elswick	1900	1901	350,000	6 in.	2	..	6 in.	2 8-2-in. 2 8-pr.	2 18-in. (sub.)	16.5	550	270
"	Harald Haarfagre.	3858	304	48½	17½	4500	Elswick	1896	1898	300,000	7 in.	2	..	8 in.	2 8-2-in. 2 8-pr.	3 18-in. (sub.)	16.5	550	249
"	Tordenskjold*																			1897	1899	7 in.	2	..	8 in.	2 8-2-in. 2 8-pr.	3 18-in. (sub.)	16.5	550	249

FISHERY PROTECTION VESSELS.—Farm (1900), 300 tons, 10 knots; Lyngen, 490 tons, 12 knots; Heimdal (1892), 660 tons, 12 knots, four 12-pr.; and Michael Sars, 300 tons, 20 knots, two 4-in., two 2-pr.; Frøya (1918), 760 tons, 22 knots, 4 4-in., 1 3-in. A.A., 100 mines; Glommen and Laugen (1918), 335 tons, 9½ knots, 2 3-in. m., 150 mines; old gunboats, refitted as minelayers: Tyr, Gor, Vidar, Brage, Nor, Vale, and Uller, 230-280 tons, armed with one 4-7-in. and other guns. Olav Trygrason,† minelayer and training ship, built at Horten, 1600 tons, 21½ knots, 6000 H.P., 4 4-7-in. and 1 3-in. A.A. guns, and 2 t.r.s. (18-in.). 280 mines.

SUBMARINE DEPOT SHIP.—Sarpen, 187 tons, 9 knots, two 9-pr. and one 1-pr.

CABLE SHIP.—Telegraf (1895).

MOTOR TORPEDO BOATS.—Eight building, 25 tons, 40 knots.

* Employed as training ship for Cadets.

† 1500 H.P. Diesels, 4500 H.P. turbines. Max. speed on Diesels, 14 knots.

SPAIN.

Class.	NAME.	Standard Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power.	Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.	Speed.	Fuel.	
												Side Deck.	Gun Position.			Guns.	Torpedo Tubes.	Coal.	Oil.
l. cr.	Canarias.	10,000	636	64	17-4	90,000	P.T.(G.) Y.	Ferrol	1928	1934	£	4 in.	1 in.	8 8-in. 8 4-7-in. A.A., 2 scaplanes; 1 catapult	12 21-in. (T.)	2750	765
"	Miguel de Cervantes	7475	579½	54	16½	80,000	P.T.(G.) Y.	Ferrol	1925	1928	..	3 in.	..	8 6-in., 4 4-in. A.A., 2 3-pr., 1 m.	12 21-in. (T.)	1680	560
"	Almirante Cervera																	1925	1928	3 in.	..	8 6-in., 4 4-in. A.A., 2 3-pr., 1 m.	12 21-in. (T.)	1680	560
"	Libertad (ex-Principe Alfonso)	4857	462	50	15½	25,500	P.T. Y.	Ferrol	1920	1923	..	3-1½ in.	3	6 6-in., 4 3-pr. A.A., 4 m., 1 l.	4 21-in.	1200	404
"	Navarra, ex-Republica Victoria Eugenia																	1920	1923	3-1½ in.	3	6 6-in., 4 3-pr. A.A., 4 m., 1 l.	4 21-in.	1200	404
"	Mendez Nuñez	4509	462	46	14½	45,000	(G.)	Ferrol	1922	1924	..	3	6 6-in., 4 3-pr. A.A., 4 m.	12 21-in. (T.)	800	320	
g.b.	Eduardo Dato	1314 (nor-mal)	251½	33½	11½	1700	tur.	Ferrol	1923	1925	..	..	..	4 4-in., 2 3-pr., 2 m.	—	324	220
"	Jose Canalejas																	1923	1925	..	..	4 4-in., 2 3-pr., 2 m.	—	324	220
"	Antonio Canovas del Castillo	800 (nor-mal)	213½	30	9½	1100	Y	Cartagena	1912	1912	..	..	..	4 4-in., 2 m.	—	148	127
"	Lauria																	1912	1912	..	..	4 4-in., 2 m.	—	148	127
"	Laya.	800 (nor-mal)	213½	30	9½	1100	Y	Cartagena	1911	1911	..	..	..	4 4-in., 2 m.	—	148	127
"	Laya.																	1911	1911	..	..	4 4-in., 2 m.	—	148	127

SAILING TRAINING SHIPS.—Sebastian Elcano (1928), 3500 tons, 800 H.P. (Diesel), 9-5 knots, 4 2-4-in.; Galatea (ex-Clarustella) (1903), 2710 tons, 8½ knots, 2 2-4-in. SUBMARINE SALVAGE VESSEL.—Kanguro (1917), 2707 tons, 10 knots, four 2-pr.

ARMED TRAWLERS.—Alcazar, Larache and Tetuan, 400 tons, 10 knots, 1 3-in. (also 2 3-pr. in Alcazar); Arcila, 510 tons, 10½ knots, 2 3-in.; Uad Martin, Uad Lucas, Uad Muluva, 420 tons, 10 knots, 1 3-in.; Uad Quert, Xaven, 650 tons, 10½ knots, 1 3-in.

FISHERY PROTECTION VESSELS.—8 in number, 150 tons, 11 knots, 1 6-pr.

MINELAYERS.—Jupiter, Marte, Neptuno, Vulcano, 2100 tons, 18½ knots, 4 4-7-in. A.A., 4 4-7-in. A.A., 4 m.g., 264 mines, 2 depth charge release gears; Eolo, Triton, 1500 tons, 18-5 knots, 4 4-in. guns (building).

TRANSFERTS.—Almirante Lobo, 2505 tons, 12 knots, 2 1-6-in.; Contramaestre Casado, 7275 tons, 10½ knots, 4 1-6-in.

TUGS.—Cartagenero, Ferroland, Gadjitano, 300 tons, 10 knots, 1 6-pr.; Galicia, 350 tons, 10 knots, 1 3-in.; Ciclope, 800 tons, 12 knots, 1 3-in.

Three coastguard patrol vessels, 250 tons, ordered and three fishery protection vessels projected.

The battleship Jaime I., 14,224 tons, sunk 17/6/37, refloated and all guns removed, reported unfit for sea service.

Natori Class	Yura	5170	535	47½	15½	70,000 (G.)	Sasebo	1922	1923	2	7 5.5-in. 2 3-in. A.A., 2 m., 1 seaplane, 1 catapult, 80 mines	21-in. 33-0 a.w. (D.)	300 1260	450
Sendai Class	Kinu						Kawasaki	1922	1922					
	Jintsu						Kawasaki	1923	1925					
	Naka						Yokohama	1925	1925					
	Sendai						Nagasaki	1923	1924					
Kuma Class	Kiso						Nagasaki	1920	1921					
	Kitakami						Sasebo	1920	1921					
	Kuma						Sasebo	1919	1920					
	Oi						Kobe	1920	1921					
Tenryu Class	Tama						Nagasaki (Mitsubishi)	1920	1921					
	Tatsuta						Sasebo	1918	1919					
	Tenryu						Yokosuka							
	Yubari						Sasebo	1923	1923					

MINELAYERS.—Katsuriki (1917), 1540 tons, 13 knots, 3 3-in., 150 mines; Itsukushima (Uraga, 1929), 1970 tons, 16 knots, 3000 H.P. (Diesel), 3 5.5-in., 2 3-in. A.A., 250 mines; Tokiwa, 9240 tons, 21 knots, 2 8-in., 8 6-in., 3 3-in., and 19 smaller vessels, 300—400 tons, about 12 knots, 2 3-in., 45 mines. Okinoshima (1936), 4400 tons, 9000 H.P., 20 knots, 4 5.5-in., 4 m.g.

MINESWEEPERS.—Nos. 1, 2, 3, (1923), No. 4 (1925), and Nos. 5, 6 (1929), 615 tons, 20 knots, 2 4.7-in., 1 3-in. A.A. Nos. 15—18 (1935—36), 492 tons, 2 4.7-in. guns, and Nos. 19—24 are projected.

GUNBOATS.—Saga (1912), 685 tons, 15 knots, 1 4.7 in., 3 3-in. A.A.; Ataka (1922), 725 tons, 16 knots, 2 4.7-in., 2 3-in. A.A.; Yodo, 1920 tons, 22 knots, 2 3-in. RIVER GUNBOATS.—Futami (1930), Atami (1929), 170 tons, 16 knots, 13-in. gun; Katata, Hira, Hodzu, Seta (1923), 305 tons, 16 knots, 2 3-in. A.A.; Toba (1911), 215 tons, 15 knots, 2 3-in.; and Kotaka (1930), 50 tons, 15 knots, 5 m.g.

SUBMARINE DEFÉOT SHIPS.—Taigei (1934), 10,000 tons, 689 feet, 13,000 H.P., 20 knots, 4 5-in. A.A.; 3 seaplanes, now used as seaplane carrier; Chogei (1924), Jingei (1925), 5160 tons, 16 knots, 4 5.5-in., 1 seaplane; Komahashi (1914), 1125 tons, 13-9 knots, 2 3-in., 1 3-in. A.A.; Karasaki (1896), 9750 tons, 13 knots, 1 3-in., 1 3-in. A.A.

ANTI-SUBMARINE NETLAYERS.—Yayeyama (1932), 1135 tons, 4800 H.P. (reciprocating machinery), 20 knots, 2 4.7-in. A.A.; Shirataka (1929), 1345 tons, 16 knots, three 4.7 in. A.A. guns. Tsubane and Kamome (1929), 450 tons, 19 knots, 1 3-in. Matsushima, Sarushima and Nasami, 443 tons, 19 knots, 2 3-in. guns.

SUBMARINE CHASERS.—Nos. 1, 2, 300 tons, 24 knots; No. 3, 270 tons, 20 knots; 51—53, 170 tons, 23 knots, 4 m.g. Repair Ship—Akashi, building. Cable Ships.—REPAIR SHIP AND SUBMARINE SALVAGE SHIP.—Asahi (ex-Battleship, 12,000 tons), 18 knots. TARGET SHIP.—Setiso, 16,130 tons. ICEBREAKERS.—Otomari (1921), 2330 tonf., 13 knots, 1 3-in.

ARMED OILERS.—Takasaki and Teurugasaki (1937), 12,000 tons, 19 knots, 4 5-in. guns. Naruto, Hayayono, Ono, Iro, Tsurumi, Shiriya, Sata, Erimo (1920—23), 14,050 tons, 12 knots, 2 5-in., 2 3-in. A.A. Sundersaki (1918), 8800 tons, 14 knots, 2 4.7 in., 2 3-in. A.A. SURVEYING SHIP.—Koshu, 2080 tons, 10-3 knots, 2 3-in. TRAINING SHIPS.—Hivei, 19,500 tons, 18 knots, 6 14-in., 16 6-in., 4 5-in. A.A.; 4 3-in. A.A.; Skikishima, 11,275 tons; Fujii, 9179 tons.

TRANSFERS.—Mamiya, 15,820 tons, 14 knots, 2 5.5-in., 2 3-in. A.A.; Muroto, Noshima, 8215 tons, 12½ knots, 2 4.7-in.

Z

NETHERLANDS.

Class.	NAME.	Standard Displacement	Length (Extreme)	Beam	Draft	Horse-Power and Prop. rs.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.				Armament.		Speed.	Fuel.		
											Belt.	Deck.	Skid above Belt.	Bulkhead.	Gun Position.	Heavy Guns.		Second ary.	Torpedo Tubes.	Coal.	Oil.	Complement.
cr.	De Ruyter	6450	566	51	16	66,000 P.T.	Rotterdam (Wilton-Fijenoord)	1935	1936	£	in. 2	in. 1½	in.	in.	in.	7 5.9-in., 10 1.5-in. A.A., 8 5-in. A.A.; 4 m., 1 catapult, 2 seaplanes	—	knots 34	1000	435
cr.	Java *	6670	509½	52½	18	72,000 tur.	Amsterdam (Flushing)	1921	1925	..	3	1	..	..	..	10 5.9-in., 6 1.5-in., 4 2-pr., 8 m., 40 mines, 2 seaplanes	—	31	1070	525
a.g.b.	Sumatra *						Amsterdam	1920	1926	..	2	3	..	..	..	4 4.1-in., 2 m.	—	14	34	63
"	Brinio	530	172½	28	9½	1500 Diesel	Amsterdam	1912	1914	..	2	2	..	..	..	1 9.4-in., 4 5.9-in., 2 3-in., 6 1-pr., 2 m.	—	16.5	710	302
"	Friso						Amsterdam	1912	1914	..	2	2	..	..	..	2 11-in., 2 3-in., 8 1.5-in., 2 m.	—	16.5	520	351
c.d.s.	Gruno	4371	317	50	19	6282 t. Diesel	Amsterdam	1913	1915	..	6	2	..	..	..	2 9.4-in., 6 5.9-in., 6 3-in., 4 1-pr., 2 m., 2 seaplanes	—	16.5	520	351
"	Soerabaja	5644	333	56	20½	8008 V.	Amsterdam	1909	1910	..	6-4	2	..	..	..	6 5.9-in., 4 1.5-in. A.A., 2 seaplanes	—	32½	860	290
"	Jacob van Heemskerck	4445	321½	50	19	6396 t. Y.	Amsterdam	1906	1908	347,500	6-4	2	..	..	..	10 5.9-in., 10 1.5-in. A.A., 2 catapults, 2 seaplanes	—	33	—	—
cr.	Tromp	3350	433	40½	15	56,000	Amsterdam (Bidg.)	1937	1938	..	2	1	..	..	..	—	—	—	—	—
"	Heemsherck						Rotterdam (Wilton-Fijenoord)			..	..	..	..	..	..	—	—	—	—	—
"	De Zeven Provincien	8300	507	56	16½	70,000	Rotterdam (Wilton-Fijenoord)			..	..	..	..	..	..	—	—	—	—	—
"	Kijkduin									..	..	..	..	..	..	—	—	—	—	—

Ships marked * above are in the East Indies Squadron.

GUNBOATS.—(Indian Military Marine): Soemba, Flores (1926-7), and Johann Maurits van Nassau (1933), 1457 tons, 15 knots, three 5.9 in., one 3-in. A.A., 2 m., three buildings.

MINELAYERS.—Nautilus (1930), used for fishery protection, 800 tons, 14 knots, two 3-in., 14 knots, two 3-in., two 1-pr., 2 m.; Douwe Ankes & Van Meerlant (1922), 687 tons, 13 knots, three 3-in. A.A., 2 m., 130 mines; Medusa and Hydra (1911), 593 tons, 11.5 knots, three 3-in., one 1-pr., 1 m., 65 mines; six old vessels, 240 tons, 7 knots. Willen Van Der Zaan, 1350 tons, 15 knots, 2 4.7-in., 4 1.5-in., 120 mines. Minelayers attached to Indian Military Marine: Krakatau (1924), 982 tons, 16 knots, two 3-in. A.A., 4 m., 150 mines, 1 catapult, and 1 seaplane; Pro Patria (1923), 534 tons, 10 knots, one 3-in. A.A., 2 m., 80 mines; Prins Van Oranje and Gouden Leeuw (1932), 1291 tons, 15 knots, two 3-in., 2 1.5-in., and 1 aircraft; Serdang, 680 tons, 13 knots, 2 1-pr.; Jan Van Braker, 1350 tons, 15 knots, 2 3-in., 1 1-pr.

MINESWEEPERS.—I-IV, 200—235 tons; (for the Indian Military Marine): A, B, C, D (1930), 179 tons; and one 1600 tons building. Jan Van Amstel, Abraham van Der Hulst, Jan van Gelder, Pieter Florisz, Willem van Ewijk, Brand Dubois, Abraham Crijmsen, Pieter de Bitter (1937), 525 tons, 15 knots, 13-in., 4 m., six more projected.

SURVEYING VESSELS.—Eilerts de Haan, Hydrograaf, and in the Indian Military Marine, Tydeman, and Willebrod Snellius, 10 knots, 1 3-in., 1 1-pr.

SUBMARINE DEFÉOT SHIPS.—Cornelius Drebber (1915), 688 tons, 170 H.P. (Diesel), 6 knots.

GUNNERY TRAINING SHIPS.—Old light cruiser Gelderland (1900), 3512 tons; Van Kinsbergen (1939), 1760 tons, 25 knots, 4 4.7-in. guns.

OLD GUNBOATS (1877-9): Hefring, Brage, Tyr and Frey, 244 tons, 7-8 knots, 1 4.7-in.

POLICE AND CUSTOMS VESSELS.—Seventeen in No., armed with 2 3-in. guns, 12-20 knots, 600-1000 tons.

MOTOR TORPEDO BOATS.—T.M. 1, 2, 4 (1929) Thornycroft, 12 tons, 37 knots, 4 m., 2 17.7-in. guns, 6 (building). 30 M.T.B.'s were being built in 1939.

JAPAN.—Aircraft Carriers.

Class.	NAME.	Standard Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power, Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.	Speed.	Fuel.	Complement.
											Side Deck.	Gun Position.				
A.C.	Akagi*	tons, 26,900	ft. 793	ft. 92	ft. ins. 21 2	131,200 (G.)	Kure	1925	1927	£ ..	in.	in.	10 8-in., 12 4.7-in. A.A., capacity for 50 aircraft. Carries about 30 aircraft	—	tons, 3900	..
A.C.	Hosho†	7470	510 b.p.	48	15 0	30,000 (G.)	Tsurumi (Asano)	1921	1922	..	..	..	4 5.5-in., 2 3-in. A.A., 26 aircraft	25	2790	550
S.C.	Kamoi‡	17,000	495	67	28 0	8,000 turbines and electric drive	New York S.B. Co.	1922	1922 (converted 1933)	..	..	..	2 5.5-in., 2 3-in. A.A., 10 seaplanes	15	4000	..
A.C.	Kaga†	26,900	715 b.p.	102½	22 1	91,000 (G.)	Kobe (Kawasaki)	1921	1928	..	..	..	10 8-in., 16 4.7-in. A.A., capacity for 60 aircraft. Carries about 30 aircraft	23	5300	..
S.C.	Notoro§	14,050	455 b.p.	58	26 6	5,880 recip.	Kobe (Kawasaki)	1920	1920	..	..	..	2 4.7-in., 2 3-in. A.A., 16 seaplanes	12	1000	..
A.C.	Ryujo	7100	548	60' 8"	15 0	40,000 (G.)	Yokohama	1931	1933	..	..	..	12 5.1-in., A.A., 24 aircraft	25	oil	600
A.C.	Soryu	10,050	688	68' 4"	16 6	60,000 (G.)	Kure	1935	1937	..	..	..	12 5.5-in., A.A., 40 aircraft	30	..	..
A.C.	Hiryu	9,000	..	..	..	15,000 tur.&t.b.	Yokosuka	1936	1938	..	..	..	4 5-in. A.A.	20	..	..
A.C.	Koryu	10,000	617 w.l.	59	17	13,000 (D.)	Yokosuka	1933	1934	..	..	..	4 5-in. A.A., 12 M., 3 seaplanes	20	..	413

* Designed as a battle cruiser.

† Fitted with gyro-stabiliser.

‡ Designed as a battleship.

§ Converted from oilers. New construction—probably five in number.

Seaplane carriers. Other vessels carry landplanes.

JAPAN.—Cruisers.

Class.	NAME.	Standard Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power, Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.	Speed.	Fuel.	Complement.
											Side Deck.	Gun Position.				
Mogami Class	Tone	8500	614.3	63' 1	14' 7	90,000	Nagasaki	1937	Bldg.	£ ..	in.	in.	12 6.1-in., 8 5-in. A.A., 4 aircraft, 1 catapult	33	..	..
	Tikuma	8450	w.l.	..	..	..	..	1938	..	..	2	..	..	..	..	..
	Mogami	8500	640	59½	14' 9	90,000 (G.)	Kure	1934	1935	2,500,000	2	..	..	..	..	..
	Mikuma	8500	640	59½	14' 9	90,000 (G.)	Nagasaki	1934	1935	estimated	2	..	..	..	..	..
Myoko Class	Suzuya	9850	650	62½	16½	100,000 (G.)	Yokosuka	1936	1937	..	3-4	..	15 6.1-in., 8 5-in. A.A., 2 catapults, 4 aircraft	33	..	..
	Kumano	9850	650	62½	16½	100,000 (G.)	Kure	1936	1937	..	3-5	..	..	..	..	..
	Chokai	9850	650	62½	16½	100,000 (G.)	Nagasaki	1931	1932	..	3-4	..	10 8-in., 4 4.7-in. A.A., 2 M., 2 catapults, 4 seaplanes	33	2000	692
Nachi Class	Maya	10,000	640	62½	16½	100,000 (G.)	Kobe	1930	1932	..	3-4	..	10 8-in., 8 4.7-in. A.A., 2 M., 2 catapults, 4 seaplanes	33	—	692
	Atago	10,000	640	62½	16½	100,000 (G.)	Nagasaki	1928	1929	..	3-5	..	..	..	3500	..
	Takao	10,000	640	62½	16½	100,000 (G.)	Yokosuka	1929	1929	..	3-5	..	..	..	..	..
Furutaka Class	Ashigara	7100	595	50½	14½	95,000 (G.)	Kobe	1927	1928	..	..	..	6 8-in., 4 4.7-in. A.A., 10 M., 1-2 planes, 1 catapult	33	400	604
	Haguro	7100	595	50½	14½	95,000 (G.)	Nagasaki	1926	1927	..	..	..	6 8-in., 4 4.7-in. A.A., 6 M., 2 planes, 1 catapult	33	1400	..
	Myoko	7100	595	50½	14½	95,000 (G.)	Yokosuka	1925	1926	..	..	..	..	..	..	..
Chikuma Class	Nachi	4400	475	46½	16½	22,500 P.T.	Kawasaki, Kobe	1925	1926	..	2½	..	8 6-in., 2 3-in., 2 3-in. A.A., 2 M.	26	900	410
	Hirado	4400	475	46½	16½	22,500 P.T.	Kobe	1911	1912	..	—	..	..	..	300	..
Natori Class	Yahagi	5170	535	47½	15½	70,000 (G.)	Nagasaki	1923	1925	..	2	..	7 5.5-in., 2 3-in. A.A., 2 M., 1 seaplane, 1 catapult, 80 mines	33.0	300	450
	Abukuma	5170	535	47½	15½	70,000 (G.)	Uraga	1921	1923	..	..	..	..	..	1260	..
	Isudau	5170	535	47½	15½	70,000 (G.)	Sasebo	1922	1922	..	..	..	..	..	..	..

COMBINED MINELAYERS AND MINESWEEPERS.—Fasana, Buccari, Durazzo, and Pelagosa, completed 1926, 581 tons, 10 knots (I.C. machinery), 1 3-in. gun; 54 mines; Azio, Legnano, Lepanto, and Ostia, completed 1926-7, 615 tons, 15 knots (recip.), 2 4-in., 1 3-in., 80 mines; Cotrone, Viesti, 359 tons, 195 ft., 1,600 H.P., 14 knots, 2 4-in. guns.

MINELAYERS.—Laurana, Rovigno, and Albona (ex-Austrian), 112 tons, 11 knots, 1 3-in. gun; 9 knots, 2 3-in. guns; M. Sonzini (1924), 620 tons, 9 knots, 1 3-in. gun, 4 in No., 620 tons, 138 ft., 9 knots, 2 3-in. guns; G. Biglieri, G. Berta, P. Matteucci, 620 tons, 9 knots, 2 3-in. guns.

MINESWEEPERS.—38 in number, 150 tons, 14 knots, 1 3-in. gun, 4 in No., 620 tons, 138 ft., 9 knots, 2 3-in. guns; G. Biglieri, G. Berta, P. Matteucci, M. Sonzini (1924), 620 tons, 9 knots, 2 3-in. guns.

OIL TRANSPORTS.—Tarvisio, 10,910 tons, 11 knots, 4 4-7-in., 2 3-in.; Stige, 1,342 tons, 8 knots, 1 4-7-in., 1 3-in.; Urano, 10,550 tons, 11 knots, 2 4-7-in., 2 3-in.; Brennero, 9,800 tons, 11 knots, 4 4-7-in., 2 3-in. (fitted with water protection); Prometeo, 1,080 tons, 11 knots, 2 3-in.; Nettuno, Giove, 9,555 tons, 14 knots, 3 4-7-in., 2 3-in.; Niobe, 3,160 tons, 11 knots, 3 3-in.; Cocito, Lete, 1,162 tons, 10 knots, 3 3-in., Cerere, 2,530 tons, 10 knots, 1 4-7-in., 2 3-in.; Bronte, 8,240 tons, 14 1/2 knots, 2 3-in.; Marte, 10 knots, 2 3-in.

RIVER GUNBOATS.—S. Caboto (1912), 778 tons, 13 knots, 6 3-in. guns; E. Carlotto (1918), 180 tons, 14 knots, 2 3-in. A.A. guns.

ESCOPT GUNBOATS.—A. Baffle, T. Farinati, E. Giovannini, C. del Greco, and A. Vitturi (1922), 182 tons, 23 knots, 2 4-in. guns, 2 T.T.

SURVEYING VESSELS.—Ammiraglio Magnaghi (1914), 1,506 tons, 14 knots, 4 3-in.; Cariddi (1916), 330 tons, 10 knots, 1 3-in. gun; Cherso, 3,968 tons, 10 1/2 knots, 4 4-7-in. guns.

PATROL VESSELS.—Chirene (1912), 384 tons, 10 knots, 2 3-in.; Corsini (1912), 290 tons, 12 knots, 2 3-in.; Rimini (1912), 319 tons, 9 1/2 knots, 1 3-in. gun; Gallipoli (1911), 310 tons, 10 1/2 knots, 2 3-in. guns; Otranto (1911), 290 tons, 10 knots, 2 3-in. guns; Alula (1912), 308 tons, 13 knots, 1 3-in. gun; Valdrosso (1913), 340 tons, 10 knots, 1 3-in.; Palmioliola (1902), 472 tons, 8 1/2 knots, 1 3-in.; Aurora, 935 tons, 14 1/2 knots, 2 2 1/2-in.

TRAINING SHIPS.—Cristoforo Colombo (Castellamare, 1928), 2,787 tons, 10 knots (Diesel-electric) 4 3-in. guns; Amerigo Vespucci (Castellamare, 1931), 3,543 tons, 1,800 H.P. (Diesel-electric), 11 knots, 4 3-in. A.A.

SUBMARINE DEPOT SHIPS (Sloops).—Volta and Pacinotti (1924), 1,730 tons, 19 knots, 4 3-in. A.A.

CABLE SHIPS.—Citta di Milano (5,300 tons), 10 knots; Glasone, 1,192 tons, 250 ft., 15 knots.

TUGS.—65 in number.

WATER CARRIERS.—Dalmazia, Istria, 2,900 tons, 10 knots, 1 4-7-in., 1 3-in.; Flegelonte, 1,162 tons, 9 knots, 3 3-in. A.A.; Verde, Pagano, 1,432 tons, 9 knots, 1 4-7-in., 1 3-in. A.A.; Ticino, 9 1/2 knots, 2 3-in.; Isonzo, Po, Volturmo, 11 1/2 knots, 2 4-in., 4 m.g.; Sorivia, Tirso, 9 1/2 knots, 4 m.g.

MOTOR TORPEDO BOATS.—M.A.S. 96, 188, 204, 212, 213, 216, 222, 228, 230 (1916-1919), 12 tons, 24-26 knots, 2 18-in. T.T.; M.A.S. 418, 422 (1922), 21 tons, 28 knots, 2 18-in. T.T.; M.A.S. 423-437, 15 tons, 45 knots, 2 18-in. T.T., 5-depth charges; M.A.S. 438-441, 3 1/2 tons, 2 18-in. T.T., 6 depth charges; 20 others.

TRANSPORT SHIPS.—Lussim, Gheroso, 3,988 tons, 10 1/2 knots, 4 4-7-in., 2 3-in.; Tripoli, 2,460 tons, 8 1/2 knots; 1 anigaglia, Vallelunga, Buffoluto (Ammunition transport ships), 916 tons, 11 knots, 2 3-9-in.; Valgrubbe, 8,720 tons, 8 knots; Enrichetta, 8,360 tons, 9 1/2 knots.

LIGHTHOUSE TENDERS.—Lante, 295 tons, 12 knots, 2 3-in.; Bianco, 258 tons, 11 1/2 knots, 2 3-in.; Lutti, 266 tons, 12 knots, 1 3-in.; Levanzo, 226 tons, 11 knots, 2 3-in.; Scilla, 350 tons, 9 knots, 1 3-in.; Lido, 226 tons, 12 knots, 1 3-in.

MONITORS.—Faa di Bruno (1917), 2,796 tons, 3-3 knots, 2 15-in., 6 3-in.; Monte Grappa, Montello (1919), 605 tons, 7 knots, 1 12-in., 2 3-in.; Monte Cengio, Monte Noveano (1919), 502 tons, 7 knots, 1 12-in., 2 3-in.

TARGET SHIP.—San Marco, Old Cruiser.

ESCOPT VESSEL.—Eritrea, 2,172 tons, 20 knots, 4 4-7-in. guns, fitted for minelaying.

JAPAN.—Battleships.

Type.	NAME.	Standard Displacement.	Length. (Extreme).	Beam.	Draft.	Horse-Power.	Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour			Armament.		Speed.	Fuel.	Complement.	
												Belt.	Deck.	Side above Belt.	Bulkhead.	Gun Position.				Torpedo Tubes.	Coal.	Oil.
Fuso Class	Fuso §	29,330	673	094	028	64,000	B.C.T.	Kure	1914	1915	..	12-4	3	8	..	12 14-in., 16 6-in., 8 5-in. A.A., 4 M., 4 L., 3 sea-planes, 1 catapult	2 (sub.) 21-in.	22.5	4500	1300
	Hyuga *	29,990	683	094	028	84,500	tur.	Nagasaki (Mitsubishi)	1917	1918	..	12-4	3	8	..	12 14-in., 18 5-5-in., 4 3-in. A.A., 2 M. H.A., 2 sea-planes, 1 catapult	6 (sub.) 21-in. (D)	23	4500	1300
	Ise *	29,990	683	094	028	84,500	B.C. tur.	Kobe (Kawasaki)	1916	1917	..	12	3	8	..	12 14-in., 18 5-5-in., 8 5-in. A.A., 2 M. H.A., 2 sea-planes, 1 catapult	6 (sub.) 21-in. (D)	23	4500	1300
Kongo Class	Yamashiro §	29,330	673	094	028	64,000	B.C.T.	Yokosuka	1915	1917	..	12	3	8	..	12 14-in., 16 6-in., 8 5-in. A.A., 4 M., 4 L., 3 sea-planes, 1 catapult	6 (sub.) 21-in. (D)	22.5	4000	1272
	Haruna §	29,330	704	095	027	64,000	P.T.	Kobe (Kawasaki)	1913	1915	..	8-3	2 1/2	6	..	8 14-in., 16 6-in., 8 5-in. A.A., 4 M., 4 L., 3 sea-planes, 1 catapult	4 (sub.) 21-in.	26	—	1250
Nagato Class	Kirishima †*	29,830	704	092	027	64,000	P.T.	Nagasaki (Mitsubishi)	1913	1915	..	12-9	3 1/2	6	..	8 16-in., 20 5-5-in., 8 5-in. A.A., 3 M., 3 sea-planes, 1 catapult	4 (sub.) 21-in.	23	1600	1304
	Kongo †*	29,830	704	092	027	64,000	P.T.	Barrow	1912	1913	2,500,000	12-9	3 1/2	6	..	8 16-in., 20 5-5-in., 8 5-in. A.A., 3 M., 3 sea-planes, 1 catapult	4 (sub.) 21-in.	23	3400	1367
Nagato Class	Mutsu *	32,720	700	095	030	80,000	(G.)	Yokosuka	1920	1921	..	12-9	3 1/2	6	..	8 16-in., 20 5-5-in., 8 5-in. A.A., 3 M., 3 sea-planes, 1 catapult	4 (sub.) 21-in.	23	1600	1304
	Nagato †	32,720	700	095	030	80,000	(G.)	Kure	1919	1920	..	12-9	3 1/2	6	..	8 16-in., 20 5-5-in., 8 5-in. A.A., 3 M., 3 sea-planes, 1 catapult	4 (sub.) 21-in.	23	3400	1367

NEW CONSTRUCTION. The number of battleships building in Japan is not known, but probably four of 40,000 tons with 9 16-in. guns. ARMOURD CRUISERS now rated as COAST-DEFENCE SHIPS (1st class), completed 1899-1904: Kasuga, 7080 tons, 20 knots, 1 10-in., 2 8-in., 14 6-in.; Yakumo, 9010 tons, 16 knots, 4 8-in., 12 6-in., 5 3-in.; Adzuma, 8640 tons, 16 knots, 4 8-in., 12 6-in., 5 3-in.; Idzumo and Iwate, 9180 tons, Idzumo, 20 1/2 knots, Iwate, 16 knots, 4 8-in., 14 6-in., 5 3-in.; Asama, 9240 tons, 21 1/2 knots, 4 8-in., 12 6-in., 5 3-in.; Tanshima (2nd class), 3120 tons, 20 knots, 6 6-in., 8 3-in., 1 3-in. A.A.

* Reconstructed 1936.

§ Modernised 1934.

† Modernised 1928-1931, including fitting of bulges and new foremast, and conversion to oil burning. Hiyei of this class has been de-militarised and converted to a training ship in accordance with London Naval Treaty.

|| Reconstructed 1935.

ITALY.—Cruisers, &c.

Class.	NAME.	Standard Displacement.	Length. (Extreme.)	Beam.	Draft.	Horse-Power. Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.		Speed.	Fuel. Coal. Oil.	Complement.
											Side Deck.	Gun Position.	Guns.	Torpedo Tubes.			
Improved Condottieri Class	Duca degli Abruzzi	7874	613 9	61 0	17	100,000 (G.)	Odero-Termi, Orlando Spezia Cantieri Riuniti dell'Adriatico, Trieste	1935	1936	£	in.	in.	10 6-in., 8 3.9-in., 8 1.5-in. A.A., 8 M., 4 catapult, 2 catapulta. Fitted for mine-laying	6 21"	35	1200	600
	Guiseppe Garibaldi	7288	610 3	57 4	16 4	110,000 tur.		Ansaldo, Genoa	1935	1936	..	About 4½	..	8 6-in., 6 3.9 in., 8 1-pr. A.A., 8 M., 1 catapult, 3 aircraft, 2 A.A., 8 5-in. M., 2 aircraft, 2 A.A., 8 5-in. M., 2 aircraft, 2 1 catapult. Fitted for mine-laying	8 21"	36½	1200	550
Attendolo Class	Eugenio di Savoia	6941	597 9	54 6	14.2	108,000 P.T.	Orlando, Leghorn Ansaldo, Genoa Trieste	1934	1935	..	..	..	8 6-in., 8 3.9-in. M., 2 aircraft, 1 catapult. Fitted for mine-laying	4 21"	37	oil	520
	Filberto Duca d'Aosta	10,000	646 3	67 8	18 0	150,000		Ansaldo, Genoa	1932	1933	..	Abt. 3	..	8 6-in., 16 3.9-in. A.A., 8 5-in. M., 1 catapult, 2 seaplanes	8 21"	36	oil	720
Modified Trento Class	Bolzano.	5008	554 6	50 10	14	95,000 (G.)	Odero-Termi, Spezia Stabilimento Tecnico Triestino, Trieste	1931	1933	..	2 2	..	8 6-in., 6 3.9-in. A.A., 8 1.5-in. A.A., 8 5 M., 1 catapult, 2 seaplanes	4 21" (39½ t.)	37	1000	530
	Armando Diaz	10,000	599 9	67 7	19 6	95,000 (G.)		Odero-Termi, Orlando Spezia Cantieri Riuniti dell'Adriatico, Trieste	1931	1932	..	About 6 2	..	8 6-in., 12 3.9-in. A.A., 8 1.5-in. A.A., 8 5-in. M. A.A., 1 catapult, 2 seaplanes	—	32	2200	800
Zara Class	Luigi Cadorna	5069	555 5	50 10	14.2	95,000 (G.)	Ansaldo, Sestri-Ponente Castellammare.	1930	1932	..	..	..	8 6-in., 6 3.9-in. A.A., 8 1.5-in. A.A., 8 5 M., 1 catapult, 2 seaplanes. Fitted for mine-laying	4 21" (D.)	37	1200	500
	Pola	10,000	599 9	67 7	19 6	95,000 (G.)		Odero-Termi, Orlando Spezia Cantieri Riuniti dell'Adriatico, Trieste	1931	1932	8 6-in., 12 3.9-in. A.A., 8 1.5-in. A.A., 8 5-in. M. A.A., 1 catapult, 2 seaplanes	—	32	2200	800
Condot-tieri Class	Gorizia	5069	555 5	50 10	14.2	95,000 (G.)	Ansaldo, Sestri-Ponente Castellammare.	1930	1932	..	..	..	8 6-in., 6 3.9-in. A.A., 8 1.5-in. A.A., 8 5 M., 1 catapult, 2 seaplanes. Fitted for mine-laying	4 21" (D.)	37	1200	500
	Zara	5069	555 5	50 10	14.2	95,000 (G.)		Ansaldo, Sestri-Ponente Castellammare.	1930	1932	8 6-in., 6 3.9-in. A.A., 8 1.5-in. A.A., 8 5 M., 1 catapult, 2 seaplanes. Fitted for mine-laying	4 21" (D.)	37	1200	500

ITALY.—Cruisers, &c.—continued.

Class.	NAME.	Standard Displacement.	Length. (Extreme.)	Beam.	Draft.	Horse-Power. Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.		Speed.	Fuel. Coal. Oil.	Complement.
											Side Deck.	Gun Position.	Guns.	Torpedo Tubes.			
Trento Class	Trento	10,000	645 0	67 9	18	150,000 (G.)	Orlando, Leghorn	1926	1929	£	in.	in.	8 8-in., 16 3.9-in. A.A., 4 1.57-in. A.A. M., 1 catapult, 2 seaplanes	8 a.w. (D.)	35	—	1000
	Trieste †	3248	443 11	44 7	18½	28,000 tur.	Stabilemento Tecnico, Trieste Danzig (Schichau).	1927	1915	..	2 2	1	8 5.9-in., 3 3-in. A.A., 3 M., 120 mines, 2 aircraft	21" 19.7"	36	3000	800
I. c.	Bari (ex-German Pillau)	2908	431 9	42 2	18½	29,000 P.T.	Venice	1911	1912	..	3 1½-2	..	6 4.7-in., 4 3-in. A.A., 3 M., 120 mines, 2 aircraft	2 2	27.5	984 250	372
	Quarto	3184	455 0	42 2	12½	27,000 Bl.	Wilhelmshaven	1911	1914	416,340	4-2½ 2	2	7 5.9-in., 2 3-in. A.A., 3 M., 120 mines	2 2	28	49 482	256
I. cr.	Taranto (ex-German Strassburg)	4882	397 0	49 3	17	12,000 P.T.	Spezia	1923	1927	..	..	..	4 4-in. A.A., 4 M., 2 catapulta, 16 planes	—	21	1200 180	378
	Miraglia *	3860	444 3	44 9	13	120,000 P.T.	Genoa Leghorn Spezia Ancona Palermo Trigoso Naples	Bldg.	..	..	..	..	8 5.3-in., 6 2.5-in., carries mines	8 21"	21.5	— 440	300
I. cr.	Cornelio Silla	3860	444 3	44 9	13	120,000 P.T.	Genoa Leghorn Spezia Ancona Palermo Trigoso Naples	Bldg.	..	..	..	..	8 5.3-in., 6 2.5-in., carries mines	8 21"	21.5	— 440	300
	Paolo Emilio																
Regolo Class	Attilio Regolo	3860	444 3	44 9	13	120,000 P.T.	Genoa Leghorn Spezia Ancona Palermo Trigoso Naples	Bldg.	..	..	..	..	8 5.3-in., 6 2.5-in., carries mines	8 21"	21.5	— 440	300
	Scipione Africano																
I. cr.	Calo Mario	3860	444 3	44 9	13	120,000 P.T.	Genoa Leghorn Spezia Ancona Palermo Trigoso Naples	Bldg.	..	..	..	..	8 5.3-in., 6 2.5-in., carries mines	8 21"	21.5	— 440	300
	Claudio Tiberio																
I. cr.	Pompeo Magno	3860	444 3	44 9	13	120,000 P.T.	Genoa Leghorn Spezia Ancona Palermo Trigoso Naples	Bldg.	..	..	..	..	8 5.3-in., 6 2.5-in., carries mines	8 21"	21.5	— 440	300
	Ottaviano Augusto																
I. cr.	Ulpio Traiano	3860	444 3	44 9	13	120,000 P.T.	Genoa Leghorn Spezia Ancona Palermo Trigoso Naples	Bldg.	..	..	..	..	8 5.3-in., 6 2.5-in., carries mines	8 21"	21.5	— 440	300
	Claudio Druso																
I. cr.	Vipsanio Agrippa	3860	444 3	44 9	13	120,000 P.T.	Genoa Leghorn Spezia Ancona Palermo Trigoso Naples	Bldg.	..	..	..	..	8 5.3-in., 6 2.5-in., carries mines	8 21"	21.5	— 440	300
	Giulio Germanico																

* Ex-merchant ship, taken over on the stocks. Aircraft transport.

† Classified as Scouts in Italian Lists. Quarto is no longer on the effective list.

‡ Fleet Flagship.

GERMANY.—Battleships.

Class.	NAME.	Normal Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power.	Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.				Armament.		Speed.	Coal.	Oil.	Complement.
												Belt.	Deck.	Side above Belt.	Bulkhead.	Gun Position.	Heavy Guns.					Second-ary.	Guns.	Torpedo Tubes.
b.	"H" and "I"	40,000																			
b.	Bismarck	35,000	792	118	0	26		Hamburg	1989												
b.	Admiral von Tirpitz	35,000	792	118	0	26		Wilhelms-haven	1989												
b.	Scharnhorst	26,000 (standard)	741	698	6	24	8	Wilhelms-haven	1986	1989											
b.	Gneisenau	26,000 (standard)	741	698	6	24	8	Kiel	1986	1988											
b.	Lutzow (ex-Deutschland)	10,000 (standard)	609	3	67	6	19	Deutsche Werke, Kiel	1931	1933	3,750,000 (estimated)										
b.*	Admiral Scheer	10,000 (standard)	609	3	67	6	19	Wilhelms-haven	1933	1934	3,530,000 (estimated)										
b.	Schlesien †	12,800	419	0	72	10	25	Schichau	1906	1908	1,214,000										
b.	Schleswig-Holstein †	12,800	419	0	72	10	25	Germania	1906	1908	1,214,000										
A. O.	Graf Zeppelin	19,250	820	888	6	18	4	Deutsche Werke	1938												
A. O.	"B"	19,250	820	888	6	18	4	Germania	1938												

AIRCRAFT CARRIERS.

A. O.	Graf Zeppelin	16	5.9-in.	10	4.4-in.	H.A.	about 32
A. O.	"B"	22	smaller	50	aircraft		40 aircraft

* Officially rated as "Armoured Ships."

† Reconstructed 1925-30.

‡ Consists of eight double acting two-stroke M.A.N. Diesels.

GERMANY.—Cruisers.

Class.	NAME.	Standard Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power.	Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.		Speed.	Fuel.	Coal.	Oil.	Complement.	
												Belt.	Gun Post.	Guns.	Torpedo Tubes.						
cr.	Blücher	10,000	639	9	69	17	15	5	Deutsche Werke Blohm and Voss	1887	1939										
cr.	Admiral Hipper	10,000	639	9	69	17	15	5	Deutsche Werke Blohm and Voss	1937	1939										
cr.	Prinz Eugen	10,000	653	0	71	3	15	1	Germania Wert Deschimag	1938	Bldg.										
cr.	Seydlitz	10,000	653	0	71	3	15	1	Deschimag	1938	Bldg.										
cr.	ex-Lutzow §	7000																			
cr.	M, N, O and P	7000																			
l.c.	Leipzig	6000	580	0	53	5	15	7	Wilhelmshaven	1929	1931	2,050,000	3-4								656
l.c.	Nürnberg	6000	580	0	53	5	14	3	Kiel	1934	1935										656
l.c.	Köln	6000	570	10	49	10	17	8	Wilhelmshaven	1928	1930	1,785,000	3-4								592
l.c.	Karlsruhe	6000	570	10	49	10	17	8	Wilhelmshaven	1927	1929	1,985,000	3-4								592
l.c.	Königsberg	5400	510	2	48	11	17	4	Deutsche Werke, Kiel	1927	1929	2,100,000	3								680
l.c.	Emden *	5400	510	2	48	11	17	4	Wilhelmshaven	1925	1925		3								1260

† Three propeller shafts, of which the centre shaft is Diesel-driven and the outers turbine-driven.

‡ To be renamed.

§ Parsons geared turbines with Diesels for cruising.

NOTE.—A 6000-ton cruiser was reported to have been sunk, December, 1939.

* Training Ship.

† Diesels used for cruising or combined with the turbines to give full speed.

‡ Diesels for cruising.

§ Parsons geared turbines with Diesels for cruising.

FRANCE.—Cruisers.

Class.	NAME.	Standard Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power.	Type and boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.		Speed.	Fuel.	Complement.
												Belt.	Gun Position.	Guns.	Torpedo Tubes.				Coal.	Oil.
Training cruiser	Jeanné d'Arc	649 tons.	557 ft. 8 in.	57 ft. 6 in.	18 ft. 8 in.	32,500		St. Nazaire	1930	1931	£ ..	in. ..	in. ..	8 6-1-in., 4 3-in. A.A., 2 1-6-in., 2 m., 2 seaplanes 21-7"	2 2	26 knots.	— tons.	506
1931-32 programme	Jean-de-Vienne	7600	587	57	2	16	5	Lorient.	1933	1937	..	4 3/4	Deck 1 1/2	9 6-in., 8 3-5-in. A.A., 8 1-pr., 1 catapult, 4 aircraft	4 4	31	—	537
	La Galissonnière	8000	..	..	..	..	Brest.											
Improved La Galissonnière	De Grasse	8000	..	..	..	..	..	Lorient	Bldg.	..	..	..	..	9 6-in., 2 aircraft	6 21"	..	..	..
	Chateaurenault							La Seyne										
	Gutchen.							Bordeaux										
1932-33 programme	Marseillaise	7600	587	57	4	17	5	St. Nazaire	1935	1937	..	4 3/4	Deck 1 1/2	9 6-in., 8 3-5-in. A.A., 8 1-pr., 1 catapult	4 4	32 1/2	—	630
	Gloire							Bordeaux										
	Montcalm							La Seyne										
—	Georges Leygues	10,000	610	8	65	8	23	0	84,000 (G.)	Pen.	about	Deck	8 8-in., 12 3-9-in. A.A., 2 1-pr., 16 m., 2 catapults, 2 seaplanes	2 21"	31	—	746	
Suffren Class	Dupleix	10,000	636	6	53	6	24	0	90,000 (G.)	..	1,920,000	4	8	8 8-in., 8 3-5-in. A.A., 6 1-pr. A.A., 12 m., 3 seaplanes, 2 catapults	2 21"	32	—	605
	Foch	10,000	607	0	65	0	24	0	90,000 (G.)	..	1,270,000	..	..	8 8-in., 8 3-5-in. A.A., 8 1-pr., 200 mines, 8 m., 1 catapult, 2 aircraft	2 21"	32	—	605
	Colbert	10,000	626	8	62	4	23	0	120,000 (G.)	..	1,210,000	..	..	8 8-in., 8 3-in. A.A., 8 1-pr., 2 seaplanes, 1 catapult	2 21"	33-2	—	620
Duquesne Class	Tourville	10,000	626	8	62	4	23	0	120,000 (G.)	1926	1928	..	..	8 8-in., 8 3-in. A.A., 8 1-pr., 2 seaplanes, 1 catapult	2 21"	..	—	3000
	Duquesne																		Brest.

Duguay-Trouin

Duguay-Trouin Class	Primauguet	7249	594	10	57	6	20	8	110,000 (G.)	Brest	1923	1926	..	..	8 6-1-in., 4 3-in. A.A., 2 3-pr., 4 m., 1 l., 1 seaplane, 1 catapult	4 4	33-1	—	578
M.Cr.	La Motte Picquet	5886	580	9	52	0	16	4	102,000 (G.)	P.T.(G.)	1924	1926	..	..	9 6-in., 4 3-5-in. A.A., 4 1-pr., 200 mines, 8 m., 1 catapult, 2 aircraft	6 6	34-0	—	1800
	Emilé Bertin																			1924	1934

RIVER GUNBOATS.—Francis Garnier (1929), 639 tons, 15 knots, two 4-in., one 8-in. A.A.; Vigilante, Argus (1924), 218 tons, 12 knots, two 3-in., two 1-pr.; Baly (1921), 201 tons, 14 knots, one 3-in.; Doudart de Lagrée (1909), 183 tons, 14 knots, one 3-in., two 1-pr.; Mytho, Tourane (1934), 95 tons, 250 H.P. (Diesel), 10 knots, one 3-in., two 1-pr.; Avalanche and Commandante Bourdais (1920), 128 tons, 16-5 knots, one 3-in. gun, two 1-pr.

RIVER SLOOP.—No. 1 (1925), 40 tons, 9 knots.

MINESWEEPERS.—Conquerante (1918), 374 tons, 17 knots, two 3-9-in.; Lyronne (1917), 266 tons, 18-8 knots, two 3-9-in.; Audacieuse (1917), 266 tons, 15 knots, two 3-9-in.; Engageante, Diligente (1917), 315 tons, 17 knots, two 3-9-in.; Eclair (1916), 310 tons, 17 knots, two 3-9-in.; Désaigneuse, Tapageuse (1916), 266 tons, 15 knots, two 3-9-in.; Granit, Meulière (1919), 354 tons, 12-5 knots, one 9-pr., Commandant Bory, Commandant Delage, Commandant Duboc and Commandant Rivière, 630 tons, 20 knots, two 3-9-in.; Elan, Chamois, Chevreuil, Gazelle 630-647 tons, 20 knots, two 3-9-in.; Annamite, La Surprise, 647 tons; La Capricieuse, La Moqueuse, Commandant Domine, L'Impetueuse, La Curieuse, La Bondieuse, La Batailleuse, La Gracieuse, Amiral Senes, Enseigne Ballande, Matelot Leblanc, Regcot de la Touche, La Joyeuse, La Trompeuse, La Furieuse, La Perouse, Le Goeland, Le Pelican, Le Comoran, La Mouette, L'Ibis, Le Bengali, 630 tons, 20 knots, two 3-9-in. guns.

MINELAYERS.—Castor, 3150 tons, 14 knots, four 3-9-in., two 1-5 A.A., 368 mines; Pollux, 2461 tons, 14 knots, four 3-9-in., 234 mines. Both converted 1930.

SUBMARINE PATROL SHIP.—Jules Verne (1931), 5,747 tons, 7,000 H.P. (Diesel), 16 knots, mounting four 3-5-in. A.A., four 1-pdr. A.A.

SLOOPS.—Bougainville, Dumont D'Urville, Savornin de Brazza, and d'Entrecasteaux (1932-1933), Rigault-de-Genouilly Amiral Charner, and D'Iberville (1933-1935), 1969 tons, 3,200 H.P. (Diesel), 17 knots, armament three 5-4-in., four 1-5-in. A.A., 6 m., 50 mines, 1 seaplane; Ville d'Ys (ex-Andromède) (1917) (on fishery protection duties), 1,122 tons, 17 knots, mounting three 3-9-in., two 3-in. (1 A.A.), 2 m.; Altair (1916), 1,122 tons, 17 knots, mounting two 5-4-in., two 3-in. A.A., 2 m. Beaumonts-Beaupré, Ville d'Ys, Lapérouse, 2000 tons, building.

DESPATCH VESSELS.—Duperré Class.—Du Conedic, Enseigne Henry, Dubourdieu (1919-1920), 458 tons, 17 knots, one 5-4-in., one 3-9-in. "Arras" Class:—

Calais, Laessigny, Vauquois, Epinal, Concy, LaFaux, Amiens, Tahure, Arras (1919-1923), 644 tons, 20 knots, two 5-4-in., one 3-in. A.A. guns. "Aisne" Class:—Ancre, Suippe, Yser, Somme, Marne (1917-1918), 490-600 tons, 21 knots, four 3-9-in. guns, one 3-in.

NET-LAYERS.—Le Gladiateur, (1934), 2,293 tons, 370 ft. 8 in. long, 7,700 H.P., 21 knots, four 3-5-in. A.A., 6 m.

SURVEYING SHIPS.—Amiral Mouchez, 719 tons, 12 knots, two 3-9-in.; La Perouse, 78 tons, 11 knots; Astrolabe, Océant, and Gaston-Rivier (1918), 315 tons, 10 knots; Chimère (1901), 613 tons, 14 knots; Estafette, Sentinelle, 315 tons, 10 knots; Les Eparges, Ypres, 644 tons, 20 knots, one 3-in. gun.

MOTOR TORPEDO BOATS.—V.T.B.'s 8 and 10, 19 tons, 2000 H.P., 46 knots; V.T.B.'s, 11 and 14, 45 knots, 28 tons, building; V.T.B.'s, 15-40, 37 tons, building.

SUBMARINE CHASERS.—Nos. 1-4 (1935), 148 tons, 2,400 H.P., 20 knots, one 3-in. gun. Nine in number (1918), 70 tons, 16 knots, one 3-in. gun. Seventeen in number, 112 tons, 16 knots, building. Eight in number, 130 tons, 16 knots, building.

PATROL VESSELS.—Primevère, 490 tons, 8 knots; Fauvette II, Passereau II, 315 tons, 10 knots; Quentin-Roosevelt, 586 tons, 13 knots.

REFRIGERATOR SHIPS.—ChAMPLAIN (1919), 520 tons, one 3-in. gun; Austral, Boreal, 15 knots.

AIRCRAFT SUPPLY SHIPS.—Balfort, 644 tons, one 3-in. gun; Hamelin, 622 tons, one 3-in. gun; Sans-Souci, Sans Peur, Sans-Reproche, Sans-Pareil, 800 tons, building.

OILERS.—12 in number, 10 building. Cable ships. Water carriers.

TRANSPORTS.—Golo, 2118 tons, 12 1/2 knots, two 3-in., two 1-pr.; Loiret, Coetlogon, Forfait, Jeanne-of-Genevieve, 622 tons, 12 knots, one 3-in. gun; Audé, 1,820 tons,

FRANCE.—Battleships—continued.

Class	NAME.	Standard Displacement.	Length (Extreme)	Beam.	Draft.	Horse-power.	Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.						Armament.		Speed.	Fuel.		Complement.
												Belt.	Deck.	Side above Belt.	Bulkhead.	Heavy Guns.	Gun Position.	Torpedo Tubes.	Guns.		Coal.	Oil.	
b.	Courbet †	22,189	551	0 92	6 32	0 28,000	Brest	1911	1913	2,508,388	£	11-7	2 1/2-1 3/4	7	10 1/2	7	12 12-in., 22 5-4-in., 2 3-pr., 7 8-in. A.A., 2 1-pr., 2 L.	4 (sub), 18"	20-0	300	2700	1068	
b.	Paris †	22,189	551	0 92	6 32	6 28,000	La Seyne	1912	1914	2,603,920	K.S.	11-7	2 1/2-1 3/4	7	10 1/2	7	8 13-4-in., 14 5-4-in., 8 8-9-in. A.A., 5 47mm. A.A., 2 1-pr., 2 L., 2 aircraft, 1 catapult	4 (sub), 18"	21 1/2	300	2600	1167	
b.	Lorraine †	22,189	544	6 88	6 32	0 42,000	St. Nazaire	1913	1916	2,642,439	K.S.	11-7	2 1/2-1 3/4	7	10 1/2	7	8 13-4-in., 14 5-4-in., 8 8-9-in. A.A., 5 47mm. A.A., 2 1-pr., 2 L., 2 aircraft, 1 catapult	4 (sub), 18"	21 1/2	300	2600	1167	

† Reconstructed and modernised between 1923 and 1935.

Aircraft Carriers.

Class.	NAME.	Standard Displacement.	Length (Extreme).	Beam.	Draft.	Horse-power.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.	Speed.	Fuel.		Complement.
											Belt. Deck.	Gun Position.			Guns.	Coal.		Oil.
A.C.	Bearn *	22,146	599	0 115	6 30	6 87,200	La Seyne	1920	1928	£	8 1/2	in.	8 6-1-in., 6 8-in. A.A., 8 1-pr. A.A., 12 M. A.A., 41 planes	21 1/2	—	2070	875
Aircraft Transport A.C.	Commandant Teste	10,000	548	0 88	7 22	9 21,000	Bordeaux	1929	1932	..	2	..	12 8-9-in. A.A., 8 3-pr. A.A., 12 M., 19 planes, 4 catapults, 5 cranes.	20-5	oil	648	
A.C.	Joffre	18,000	775	0 112	0	†	St. Nazaire	Bldg.		..	1 1/2	..	5 1-in. guns, 40 planes.	32	oil		
A.C.	Painlevé	18,000	775	0 112	0	†	St. Nazaire	Bldg.		..	1 1/2	..	5 1-in. guns, 40 planes.	32	oil		

* Originally designed and laid down as a battleship; reconitioned 1935.

† Schneider-Zoelly turbines (G.). Yarrow-Loire S.T. boilers.

DENMARK.

Class.	NAME.	Standard Displacement.	Length. (Extreme.)	Beam.	Draft.	Horse-Power.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.				Armament.		Speed.	Fuel.		Complement.						
											Belt.	Deck.	Side above Belt.	Bulkhead.	Heavy Guns.	Gun Position.		Second ary.	Guns.		Torpedo Tubes.	Coal.	Oil.			
cr.	Niels Juel	3800	295	45.3	6.15	9	5500.	Copenhagen	1918, 1923	£	in.	in.	in.	in.	in.	in.	2	10 5.9-in., 2 6-pr., 8 M.G., 10 20-in. M. A.A.	2 (sub.) 18"	240	250	365	17.0	240	250	365
c.d.s.	Peder Skram	3500	286	7.51	6.16	3	5400	Copenhagen	1908, 1909	..	8-4 K.S.	2	..	..	7	6	2 9.4-in., 4 5.9-in., 8 3-in., 2 1-pr., 2 3-in. A.A., 2 M. A.A.	4 (sub.) 18"	4	250	250	275	16.0	250	275	275

MINELAYERS.—Lassen 640 tons, 12 knots, 2 3-in., 2 A.A. guns, 175 mines; Sixtus and Kvintus, 186 tons, 8 knots, 2 1-pr. guns, 60 mines; Mining boats 1-10. Mine depot boats, 1-2. Steamboat A, 96 tons, 7 knots, 2 m.e. Lindormen, 500 tons, 14 knots, building.

MINESWEEPERS.—Springeren, Støren, Sorrideren, Solhvalen, Havhesten and Narhvalen, 110 tons, 2 3-knots, 2 2 1/2-in. guns, 1 torpedo tube; Soloveon, Sobjoren, Soulvæn, 270 tons, 18 knots, 2 3-in. GUARDSHIPS.—Hvalrossen, 169 tons, 26.3 knots, 1 3-in. gun, 4 18-in. torpedo tubes; Makrelen, Nordkaperen, Havkatten, and Saelen, 110 tons, 24.3 knots, 2 2 1/2-in. guns, 4 18-in. torpedo tubes.

SURVEYING VESSELS.—Hejmdal, 825 tons, 12 1/2 knots, 2 3-in. guns; Ternen, 80 tons. Freja, 315 tons, 10 knots, building.

REPAIR SHIP.—Henrik Gerner, 463 tons, 13 knots, 2 3-in., 2 3-in. guns.

FISHERY PROTECTION VESSELS.—Ingolf, 1180 tons, 16 1/2 knots, 2 4 1/2 in., 2 2 1/2 in. guns, 1 aircraft; Hvidjörnen, 1050 tons, 14 1/2 knots, 2 3 1/2 in. guns; Islands Falk, 730 tons, 13 knots, 2 3-in., 2 1 1/2 in. guns; Beskytteren, 415 tons, 11 knots, 1 2 1/2 in. gun; Maagen, 110 tons, 8 knots, 1 1 1/2 in. gun; Aegir, 500 tons, 14 knots.

DEPOT SHIPS.—Hekla, Grounsund, Fyen. TRANSPORT SHIPS.—Sleipner, 110 tons, 8.7 knots; Middegrundten, Fremad, Kongedybet. Icebreakers. Cable Ships.

FRANCE.—Battleships.

Class.	NAME.	Standard Displacement.	Length. (Extreme.)	Beam.	Draft.	Horse-Power. Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.				Armament.		Speed.	Fuel.		Complement.							
											Belt.	Deck.	Side above Belt.	Bulkhead.	Heavy Guns.	Gun Position.		Second ary.	Guns.		Torpedo Tubes.	Coal.	Oil.				
b.	Richelieu	35,000	794	0.108	6.26	7	155,000	Brest	1939 Bldg.	2	in.	in.	in.	in.	in.	in.	..	..	..	1500	..	..	1500	..	..	1500	
b.	Jean Bart	35,000	794	0.108	6.26	7	155,000	St. Nazaire	1939	..	9-16	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
b.	Clemenceau	26,500	702	0.102	0.25	0	160,000 P.T. (G)	Brest	Bldg.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
b.	Gascoigne	26,500	702	0.102	0.25	0	160,000 P.T. (G)	St. Nazaire	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
b.c.	Strasbourg	26,500	702	0.101	8.27	11	100,000 -120,000 P.T. (G)	Brest	1935, 1937	5,200,000	10-8	4-9	..	..	13-8	..	..	..	..	..	..	..	..	..	..	..	..
b.c.	Dunkerque	26,500	702	0.101	8.27	11	100,000 -120,000 P.T. (G)	Brest	1935, 1937	5,200,000	10-8	4-9	..	..	13-8	..	..	..	..	..	..	..	..	..	..	..	..
b.	Bretagne †	22,189	544	6.88	6.32	0	29,000 Nic. P.T.	Brest	1913, 1915	2,589,439	11-7 K.S.	2 1/2-1 1/2	7	10 1/2 K.S.	7	10 1/2 K.S.	7	10 13.4-in., 14 5.4-in., 8 3-in. A.A., 5 3-pr., 2 1-pr., 2 L.	4 (sub.) 18"	..	..	..	..	..	..	..	..
b.	Provence †	22,189	544	6.88	6.32	0	29,000 Nic. P.T.	Lorient	1913, 1916	2,589,000	11-7 K.S.	2 1/2-1 1/2	7	10 1/2 K.S.	7	10 1/2 K.S.	7	10 13.4-in., 14 5.4-in., 8 3-in. A.A., 5 3-pr., 2 1-pr., 2 L.	4 (sub.) 18"	..	..	..	..	..	..	..	..

† Reconstructed and modernised between 1923 and 1935.

BRAZIL.

Class.	NAME.	Standard Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power.	Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.				Armament.		Speed.	Coal.	Complement.			
												Belts.	Deck.	Side above Belt.	Bulkheads.	Heavy Guns.	Second-ary.				Guns.	Torpedo Tubes.	Coal.	Oil.
b.	Minas Geraes*	19,200	541	83	25	25,000	Elswick	1909	1910	£	1,821,400	9-6-4	2	9-6-4	9	12-8	9	12 12-in., 14 4-7 in., 4 3-in. A.A.; 4 A.A. M.G.	—	21	2860	850	
b.	São Paulo*					B.&W. Barrow		1908	1910			K.S.	2	K.S.	K.S.	K.S.	6	8-pr., 2 3-in. A.A.; 4 M.	—	21	350	850	
cr.	†Bahia	3150	401½	89	13½	22,000	Elswick	1909	1910	..	..	..	..	..	..	..	..	10 4-7-in., 4 8-pr.	4	27	640	450
cr.	†Rio Grande do Sul					B.C.T. (G.) Th.													4	21"	—	—	450

* Reconstructed 1934-38, 1937-40 respectively.

† Reconstructed, including conversion to oil fuel, at Rio de Janeiro, 1926.

RIVER GUNBOAT.—Oyapock, 195 tons, 14 knots, two 3-pr.

MINELAYERS.—Maria do Couto, Cananea, Cabedelo, Camocim, Canavieiras, Caravelas, Carioca, 188½ feet, 552 tons, 14 knots, 2 4-in. guns, 50 mines.

RIVER MONITORS.—Pernambuco, 470 tons, 11 knots, built at Rio de Janeiro (1910), two 4-7-in. guns. Parnahyba, 600 tons, 180½ feet in length, 12 knots, one 6-in. gun. Paragassu, 430 tons, 146 feet, 1 4-7-in. gun.

SUBMARINE TENDER.—Ceara (Spezia, 1916). 4000 tons, 4100 H.P., 14 knots, four 4-in. guns.

REPAIR SHIP.—Belmont (ex-German SS. Valesia), 5227 tons gross, four 4-7-in. six 6-pr.

TRAINING SHIP.—Almirante Saldanha, Vickers' (1934). A four-masted schooner, 3325 tons, 305 feet over all, four 4-in. and one 3-in. A.A. guns, one 21-in. torpedo tube.

SURVEY VESSELS.—Rio Branco, 895 tons, 15 knots, two 6-pr. Calheiros da Graca, Vital de Oliveira, Jose Bonifacio, 1,300 tons, 9 knots, two 4-in., two 6-pr., Jacequay, 800 tons, 16 knots.

Tugs, Tenders, Tankers and River Craft.

CHILE.—Armoured Ships.

Class.	NAME.	Standard Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power.	Type of Machinery and Boilers.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.				Armament.		Speed.	Fuel.	Coal.	Oil.	Complement.
												Belts.	Deck.	Side above Belt.	Bulkhead.	Heavy Guns.	Second-ary.						Guns.	Torpedo Tubes.	Coal.	Oil.
b.	Almirante Latorre* (ex-H.M.S. Canada)	28,950	661	92	6-29	937,000	P.T.	Elswick	1913	1915	£	9-4	4-2½	4½	10	6	10 14-in., 14 6-in., 4 4-in. A.A., 2 3-in. A.A., 4 8-pr., 1 catapult.	4	23	4300	1000	
cr.	General O'Higgins	6,977	412	62	9-22	016,000	B.	Elswick	1897	1898	..	7½-6	2	..	7½-6	6	4 8-in., 10 6-in., 12 8-in., 4 M.	2	21-5	1200	500	
b.	Capitan Prat†	5,416	328	60	9-22	912,000	B.	La Seyne	1890	1893	391,000	12	3	4	10½	2	4 9-4-in. (Canet), 8 4-7-in. (Canet), 8 6-pr., 11 M.	2	18	775	500	

* Fitted with bulges, converted to oil burning, and modernised in England (completed 1931).

† Submarine parent ship.

Cruisers.

Class.	NAME.	Standard Displacement.	Length (Extreme).	Beam.	Draft.	Horse-Power.	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.	Speed.	Coal.	Complement.
											Deck.	Gun Position.					Torpedo Tubes.
cr.	Blanco Encalada	3435	370	46	6-19	614,500	Elswick	1898	1894	..	4-1½	in.	2 8-in., 10 6-in., 4 3-in.	21-8	850	885
"	Chacabuco	3417	360	46	6-17	015,500	Elswick	1901	1903	..	4½-1½	..	2 6-in., 10 4-7-in., 4 3-in.	21-0	1000	400

OILERS (Armstrongs, 1930)—Maipo, 4,686 tons gross; Rancagua, 3,080 tons displacement, two 4-7-in. guns. COASTGUARD VESSELS—Orompello, Leucoton, Elicura, 580 tons; built 1919; 14 knots; 2 3-in. guns. Porvenir, 450 tons. Sibald, Yeloto, Micalvi, Condor, and Yanez. SUBMARINE DEFOR SHIP—Araucano (Vickers-Armstrongs, Barrow), completed 1930; displacement 5,890 tons; armament two 4-7-in., two 3-in. A.A.; length b.p. 390ft.; beam 55 ft.; draught 16 ft. 6 in.; speed 13 knots; H.P. 2,500; 1 seaplane.

TRAINING SHIP.—General Baquedano (1898). 2350 tons, four 4-in. guns, two 3-pr. Two Cruisers projected. Probably 10,000 tons, with 8-in. guns.

Five tugs, 790 tons, 11 knots.

Two towing launches.

NEW ZEALAND DIVISION OF ROYAL NAVY.

Under the control of *New Zealand Naval Board*.

TRAINING AND DEPOT SHIP.—Philomel (2570 tons); 16-in., 14-in., 12-pr. TRAWLER.—Wakakura.

The Cruisers Achilles and Leander and the Sloops Leith and Wellington are allocated to the station.

ROYAL CANADIAN NAVY.

Under control of the *Canadian Department of National Defence*.

DESTROYERS.—Fraser, ex-Crescent and St. Laurent, ex-Cygnat taken over by Canada 1936. Built by Vickers 1932; 1375 tons; 36,000 H.P.; 36 knots; armament, 4 4.7-in., 7 smaller guns, 2 Quadruple 21" torpedo tubes. Restigouche (late Comet) and Ottawa (late Crusader) 1375 tons; 36 knots; 4 4.7-in., 6 smaller guns, 8 torpedo tubes. Saguenay and Skeena completed at Thornycroft's in 1931; displacement, 1837 tons; 32,000 H.P.; speed, 35 knots; armament, 4 4.7-in., 2 2-pr., 2 quad. 21-in. torpedo tubes; oil, 440 tons.

GOVERNMENT VESSELS (armed).—A number of trawlers are used for patrol and reserve.

MINESWEEPING TRAWLERS.—Festubert, Ypres, and Armentières (1918), 360 tons; Comox, Nootka, Gaspe and Fundy (1938), 668 tons.

SOUTH AFRICA.

[The seagoing force of the South African Naval Service was disbanded in 1934.]

ROYAL INDIAN NAVY.

MINESWEEPING SLOOP.—Indus (1935, Hawthorn Leslie), 1,190 tons; 2,000 H.P.; 16½ knots; 2 4.7-in., 4 3-pr., 11 smaller guns. Hindustan (1930, Swan Hunter), 1,190 tons; 2,000 H.P.; 16½ knots; 2 4-in., 4 3-pr., 10 smaller guns. Olive, 2,021 tons; 1,700 H.P.; 14½ knots; 2 4-in., 2 2-pdr., 4 3-pdr. guns; completed Beardmore, 1920. Lawrence, 1,259 tons; 1,900 H.P.; 15 knots; 2 4-in., 4 3-pr., 2 2-pdr. guns; launched Beardmore, 1919.

SLOOP.—Cornwallis, 1,345 tons; 17 knots; 2,500 H.P.; 3 4-in., 2 2-pdr., 4 3-pdr. guns (launched Hamilton, 1917, as the Lychnis).

SURVEYING SHIP.—Investigator (Vickers, 1907), 1,172 tons; 1,137 H.P.; 13 knots; no guns.

PATROL BOAT.—Pakhan (ex-P.C. 69), 695 tons; 3,500 H.P., 20 knots, 1 4-in. and 2 12-pdr. guns; completed 1918.

TRAWLER.—Madras.

ARGENTINE REPUBLIC.

Class	NAME.	Standard Displacement	Length (Extreme)	Beam	Draft	Horse-Power Type of Machinery	Where Built.	Date of Launch.	Date of Completion.	Cost.	Armour.				Armament.		Speed.	Fuel. Coal. Oil.	Complement.			
											Deck	Side above Belt.	Bulkhead.	Gun Position. Heavy Guns. Second-ary.	Guns.	Torpedo Tubes						
c.	La Argentina	7000 tons	535 ft.	56 ft.	16 ft.	55,000 P.T. (G.)	Vickers, Barrow	1937	1938	2	in.	in.	in.	in.	in.	in.	6 21" (T.)	6	556 tons 1000 +60 Cats.	30 knots	556 +60 Cats.	
c.	Almirante Brown	6495 tons	545½ ft.	58 ft.	16½ ft.	85,000 Y. (G.)	(Genoa, Leghorn)	1929	1931	1,250,000	3	1	..	..	2	2	6 7.5-in., 12 4-in. A.A., 6 Pom Poms, 1 catapult, 2 seaplanes.	6 21" (T.)	1660	32 knots	600
c.d.s.	General Belgrano†	6100 tons	328 ft.	59½ ft.	24 ft.	13,000 (G.)	Leghorn	1897	1899	696,700	6-3 H.S.	1½	6	6 H.S.	6	6	2 10-in., 8 6-in., 4 6-pr., 2 1.5-in. A.A.	—	1000	20 knots	515	
c.d.s.	Pueyrredon †	6100 tons	328 ft.	59½ ft.	24 ft.	13,000 (G.)	Sestri Ponente	1898	1901	782,000	6-3 H.S.	1½	6	6 H.S.	6	6	2 10-in., 8 6-in., 4 6-pr., 1 1-pr. A.A.	—	1000	20 knots	480	
b.	Moreno	27,940 tons	585 ft.	97½ ft.	28 ft.	45,000* (G.)	(Camden, N.J. (N.Y.S.B.Co.) Quincy, Mass.)	1911	1915	2,200,000	12-10-8-2 K.S.	9	9-6 K.S.	12-9 K.S.	6	6	12 12-in., 12 6-in., 4 3-pr., 6 M., 4 L.	2 (sub.) 21"	4200	22.5 knots	1200 940	
	Rivadavia							1914	1914													

COAST DEFENCE SHIPS.—Libertad and Independencia, 2510 tons, 13 knots, completed at Birkenhead in 1891-93, and converted to oil fuel in 1927, carry two 9.4-in., four 4.7-in., and four 3-pr. guns. The Libertad is used as parent ship for submarines.

RIVER GUNBOATS.—Paraná and Rosario (Elswick, 1908), 1055 tons, two 6-in. howitzers, six 3-in., 2 L., 15 knots.

TRAINING-SHIP (cruiser).—Presidente Sarmiento (Birkenhead, 1896; refitted 1926), 2320 tons, 15 knots; four 4.7-in., four 6-pr., two 3-pr., 3 torpedo tubes.

SLOOP (surveying vessel).—Comodoro Rivadavia, ex-San Juan, Bahia Blanca ex-San Luis (Hawthorn Leslie, Newcastle, 1928), 790 tons, 1-3-in. 12 knots. Alferez Mackinlay (1914), 783 tons, 10 knots.

TUGS.—Mataco, Toba (completed 1928, at Messrs. Hawthorn Leslie's, Newcastle), Azapardo (1919), Ona, Querandi (Thornycroft, 1914), and 12 others. MINESWEEPERS.—Bouchard, Drummond, Granville, Parker, Robinson, Seaver, and Spiro (1937-38); 550 tons; 2000 H.P.; 16 knots; two 3.9-in., two 2.9-in. guns; 6 ex-German Minesweepers; 16 knots; three 3-in. guns.

* Moreno and Rivadavia were converted to oil burning and fitted with geared turbines in 1928. † Converted to oil burning and armament altered in 1929. ‡ Used as training ships.

GREAT BRITAIN.—Miscellaneous Craft.

Training Ships and Gunnery Drill Ships (ex-Monitors).—Erebus, 7,200 tons; Marshal Soult, 6,400 tons, 2 15-in. guns, 2 3-in. H.A. guns. **Fishery Protection Gunboats (ex-trawlers).—**Colne, Doon, Dee, Eden, Foyle, Garry, Kennet, Liffey, 490-550 tons, 11 knots, reciprocating machinery, 1 12-in. **Destroyer Depot Ships.—**Greenwich (1916), 8,100 tons, 4 4-in. guns; Woolwich (1935), 8,750 tons, 15 knots, 4 4-in. A.A. Tyne, (building) 11,000 tons, 4½ in. guns, building.

Submarine Depot Ships.—Lucia, 5,800 tons; Titania, 5,250 tons, 14½ knots; Cyclops, 11,900 tons, 13 knots; Medway (Vickers', 1929), displacement 14,650 tons, speed 15 knots, armament 2 4-in., 4 4-in. A.A., 4 3-pr. Maidstone, 8,900 tons, 17 knots, 8 4½-in., 4 3-pr. Forth, (as Maidstone). Adamant, building.

Repair Ships (ex-Monitors), 1915.—Medusa, Melpomene, Minerva, 355 tons, 10 knots, 52 mines; (ex-trawlers) Vernon, 480 tons; Linnet, 498 tons, 10½ knots; Plover, 805 tons, 14½ knots. Redstart and Ringdove (as Linnet). Abdiel, Latona, Mauxman, Welshman, 2,650 tons, building.

Surveying Vessels.—Fitzroy, Flinders, and Kellett, 800 tons, 16 knots, 1 3-pr.; Herald, 1,650 tons, 15½ knots, 1 3-pr.; Endeavour, 1,290 tons, 13 knots, 1 3-pr.; Challenger, 1,140 tons, 1,200 H.P. (recip.), 12½ knots; Franklin, 830 tons, 17 knots, 1 3-pr. Scott, building.

Non-magnetic Survey Vessel.—Research, building by Phillips at Dartmouth. Sailing vessel.

Netlayer and Target Towing Vessels.—Guardian (Chatham, 1931-3), 2,860 tons, 6,500 H.P., 18 knots, 2 4-in. A.A. Protector (1934 programme), 2,900 tons, 20 knots, 1 4-in.

Mining School (Vernon) Tender.—Nightingale (Portsmouth, 1931), Skylark (Portsmouth, 1932), displacement 275 tons, horse-power 400, speed 10 knots, coal capacity 15 tons.

Boom Defence Vessels.—Moorgate (Bow, McLachlan 1931), 345 tons, 1 3-in. gun; Bishopsgate (Henry Robb, 1932) and Aldgate (1934); Watergate (1934); Ludgate, Dowgate, 290 tons, Dunnet (1937), 350 tons, 1 3-in. 17 "Bar" class, 730 tons, 11½ knots, 1 3-in. (built). 6 building.

Tenders.—(For Submarine depot, Portland), Elin (1933), 222 tons; 250 H.P., 9½ knots. (For Torpedo School) Redwing (1933), 225 tons, 250 H.P., 9½ knots. **Gunnery Training Ship.—**Battleship Iron Duke has been de-militarised under the London Treaty and converted to a Gunnery Training Ship (1931-32).

Fleet Target Ship.—Centurion (ex-battleship), 25,500 tons.

Trawlers.—Basset (1935), 460 tons, 1 4-in. gun; Blackwater, Foyle and Kennett (War built), 400-500 tons; Lilac, Laurel, Holly, Hawthorn, Cedar, Cypress, Sycamore, Syringa, Magnolia, Willow, 570-600 tons, 1 4-in. gun; Tourquaze, Topaze, Sapphire, Tourmaline, Jasper, Cornelian, Pearl, Ruby, Amethyst and Agate, purchased in 1935, 580-640 tons, 1 4-in. gun, 16 to be purchased.

Special Service Vessel.—Lasso, 910 tons, 13 knots (cable ship).

Motor Torpedo Boats.—Nos. 1-12 and 14-19 are of the same design, 60 ft. long. 18 tons, 1,500 B.H.P., 35 knots, 8 small guns, 2 torpedoes. There is no No. 13 M.T.B. Six M.T.B.'s to be built by Vosper and Thornycroft have been designated M.T.B.'s 20-25, about 32 tons. B.H.P. 3,150, 40 knots, 2 torpedoes, No. 100 (ex-M.M.S. 51). M.T.B. 101, 67 ft., 22 tons, 2 torpedoes. M.T.B. 102, 68 ft., 28 tons, 3000 B.H.P., 44-48 knots, 2 21-in. torpedoes. Bloodhound, 35 tons; length, 68 ft.; beam, 19 ft.; 25 knots.

Motor Minesweepers.—Nos. 1 and 2, 52 tons, 1,500 H.P., 15 knots.

Auxiliaries.—Tugs, Drifters, Hospital Ship (Maine, 10,100 tons), Oilers, Store ships, Mooring lighters, etc.

Monitors.—Terror 7,200 tons, 12 knots, 2 15-in., 2 4-in., 2 3-in. A.A. 12 smaller guns.

Fleet Air Arm Supply and Depot Ship.—Unicorn, building.

For sloops, minesweepers and river gunboats, see Flotilla tables, pp. 195-203.

Defence Forces of the Dominions.

ROYAL AUSTRALIAN NAVY. Under Control of the Australian Naval Board.

Class.	NAME.	Standard Displacement.	Length. (Extreme).	Beam. (Extreme).	Draft.	Horse-Power. Type of Machinery.	Where Built.	Maker of Engines.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.		Speed.	Complement (War).	
												Belt.	Deck.	Gun Position.	Gun.			Torpedo Tubes.
Kent Class Cruisers	Australia.	9870 tons.	630	68	4 16	3	80,000 B.C. (G.)	Brown	1927	1928	..	..	..	..	8 8-in., 4 4-in. A.A., 4 8-pr., 4 2-pr. Pom	8 21"	31½	685
	Canberra.	9850	630	68	4 16	3	80,000 (G.)	Clyde-bank	1927	1928	..	..	..	..	8 8-in., 4 4-in. A.A., 4 8-pr., 4 2-pr. Pom	8 21"	31½	685
Modified Leander Class	Sydney.	6850	530 b.p.	56	8 15	8	72,000 (G.)	Swan Hunter	1934	1935	1,426,791*	..	..	..	8 6-in., 8 4-in. A.A., 18 smaller, 1 catapult, 2 aircraft (Sydney, 1 aircraft)	8 21"	32½	590
	Hobart (late Apollo)	7000	562	56	8 15	8	72,000 P.T. (G.)	Devon-port	1934	1936	1,459,117*	..	..	..	9 6-in., 1 3-in. A.A., 4 8-pr., 8 L., 2 M.	2 (emb.) 21"	25.5	450
	Perth (late Amphion)	7100	560	56	8 15	8	(G.)	Ports-mouth	1934	1936	1,506,668*	..	..	..	5 4-7-in., 1 3-in. A.A., 7 M. & L.	6	36½	182
Adelaide Type Cruiser	Adelaide.	5100	462½	50	1 15	10 25,000 P.T. Y.	Sydney	Sydney	1918	1922	..	3	..	..	9 6-in., 1 3-in. A.A., 4 8-pr., 8 L., 2 M.	2 (emb.) 21"	25.5	450
Flotilla Leader	Stuart	1530	332½	31	9 12	3 40,000 (G.)	Hebburn	Hawthorn Leslie	1918	1918	..	..	..	..	5 4-7-in., 1 3-in. A.A., 7 M. & L.	6	36½	182

DESTROYERS.—"V" Class:—Vampire, Vendetta, Voyager, Waterhen. Completed, 1917-18; Displacement, 1,090 tons; speed, 34 knots; armament, four 4-in.; 6 smaller guns, 6 torpedo tubes.

SLOOPERS.—Yarra (1935), 1060 tons, 2000 H.P. (T.G.), 16½ knots, 3 4-in., 4 3-pr., and Swan, a repeat vessel (1936). Parramatta and Warrego, repeat vessels, building.

SUBVEYING VESSEL.—Moreby (late Silvio) (1918), 1650 tons, length 267½ ft., 2,500 H.P., 15 knots, one 3-pr.

DEPOT AND FLEET REPAIR SHIP.—Penguin (late Platypus) (J. Brown, Clydebank, 1917). Displacement 3455 tons, 14 knots, 1 4-in.

BOOM DEFENCE VESSELS.—Kookaburra, 523 tons. Koala, Kangaroo, building.

* Total cost, including guns and aircraft.

GREAT BRITAIN.—Cruisers, &c.—continued.

Class.	NAME.	Standard Displacement.	Length (Extreme).	Beam (Extreme).	Draft.	Horse-Power. Type of Machinery and Boilers.	Where Built.	Maker of Engines.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.		Speed.	Complement (War).						
												Belt.	Deck.	Gun Position.	Gunna.			Torpedo Tubes.					
E Class	Emerald	7550	570	54 7	16 8	80,000 (G.)	Armstrong	Wallsend	1920	1926	1,617,120	in. 3-1½	in. 7	7 6-in., 3 4-in. A.A., 4 3-pr., 2 2-pr. Pom Poms, 2 M., 8 L., 1 aircraft.	16 21"	33	577						
	Enterprise	7580		54 9		(G.)	J. Brown	J. Brown	1919	1926	1,690,658*	1											
D Class	Diomedé	4850	471½-472½	46 3-46 9	14	340,000 (G.)	Vickers Fairfield Scotts	Vickers	1919	1922	1,146,904	3	Shields	6 6-in., 3 4-in. A.A., 2 M., 4 3-pr., 8 L., 2 2-pr. Pom Poms.	12 21"	29	460						
	Despatch							Fairfield	1919	1922	1,016,870												
	Durban							Scotts	1919	1921	954,667												
	Dunedin							Hawthorn	1918	1919	785,145												
	Delhi							Armstrong	1918	1919	701,600												
Hawkins Class	Danaé	9550	605	65 2	17 3	58,000	Portsmouth	Harland & Wolff	1921	1925	2,138,999	3	Shields	9 6-in., 4 4-in. A.A., 4 3-pr., 2 2-pr., 2 M., 8 L.	4 21"	29½	713						
	Frobisher							Wallsend	1920	1924	2,035,915†	3	Shields	4 3-pr., 2 M., 8 L.	6 21"	30½	715						
	Hawkins							Parsons	1917	1919	1,599,741			4 4-pr. H.A., 4 3-pr., 2 2-pr., 2 M., 8 L.	21"	29½	747						
Carlisle Class	Cairo	4200	451½	43 10	14 1	40,000 (G.)	Cammell Laird Vickers Cammell Laird Fairfield	Cammell	1918	1919	787,479	3		8 4-in. A.A., 10 smaller.	8 21"	29	415						
	Calcutta							Laird	1918	1919	832,123												
	Capetown							Cammell	1919	1922	984,720												
	Carlisle							Laird	1918	1918	689,216												
	Colombo							Fairfield	1918	1919	692,308												

Ceres Class	Cardiff	4290	450	43 9	14 1	40,000 (G.)	Fairfield J. Brown Beardmore	Fairfield	1917	1917	542,507	3		5 6-in., 2 3-in. A.A., 4 3-pr., 2 2-pr. Pom Poms; 2 M., 8 L.	8 21"	29	430							
	Ceres							J. Brown	1917	1917	529,248													
Caledon Class	Curlew	4180	450½	43 1	14 1	P.T. (G.)	Cammell Laird Hawthorn Scotts	Cammell	1916	1917	547,800	3		10 4-in. A.A., 2 3-pr., 2 multi M.G., 2 M.G., 8 Lewis.	8 21"	29	430							
	Caradoc							Scotts	1916	1917	534,583													
Leander Class	Achilles	7030	554½	55 8	16	072,000	Cammell Laird Devonport	Cammell	1932	1933	..	..	..	8 6-in., 4 4-in. A.A., (Leander, 8 4-in. A.A.), 1 aircraft	8 21"	32½	570				
	Leander							Laird	1931	1933	1,667,819		
Dido Class	Charybdis	5450	Cammell Laird Hawthorn Scotts Cammell Laird	Cammell	Bldg.						
	Cleopatra							Laird	
	Scylla							Hawthorn
	Dido							Scotts	1939
	Euryalus							Cammell	1939
Hawkins Class	Naiad	5450	62,000 T.G.	Chatham Hawthorn Fairfield	Chatham	1939						
	Phoebe							Hawthorn	1939	
M. Cr. Class	Sirius	6740	539	59 0	14	540,000 Tur. & Diesel	Fairfield Ports-mouth Stephen	Fairfield	Bldg.						
	Bonaventure							mouth	1939	
Hawkins Class	Hermione	9100	605	65 2	17	325,000	Harland & Wolff	Harland & Wolff	1918	1918	1,671,712	3	Shields	2 47-in., 4 3-pr., 1 2-pr. Pom Poms, 2 M., 8 L.	..	20	720							
	Vindictive							Stephen	1939		
M. Cr. Class	Adventure	6740	539	59 0	14	540,000 Tur. & Diesel	Devonport	Devonport	1924	1927	1,246,083	..	..	4 47-in. A.A., 4 3-pr., 1 2-pr. Pom Poms, 4 M., 8 L., 1 aircraft	..	28	700					
	Adventure							Vickers	1924	1927	1,246,083		

* Total estimated cost of ship, including guns.

† Vindictive is de-militarised and employed as a cadets' training ship.

‡ Anti-aircraft ship.

§ Being converted to anti-aircraft ship.

GREAT BRITAIN.—CRUISERS.

Class.	NAME.	Standard Displacement.	Length. (Extreme.)	Beam. (Extreme.)	Draught.	Horse-Power. Type of Machinery.	Where Built.	Maker of Engines.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.		Speed.	Complement (War).
												Belt.	Deck.	Guns.	Torpedo Tubes.		
Norfolk Class	Dorsetshire	9975	633	66 0	17 0	80,000 (G.)	Ports-mouth Fairfield	Cammell Laird	1929	1930	2,101,951	in.	in.	8 8-in., 4 4-in. A.A., 4 3-pr., 2 2-pr. Pom Poms, 2 M., 10 L., 1 aircraft, 1 catapult.	8 21" (Q.)	32½	710
	Norfolk	9925					Fairfield	Fairfield	1928	1930	2,141,961	..	..			32½	685
York Class	Exeter	8390	575	58 0	17 0	80,000 (G.)	Devonport	Parsons	1929	1931	1,837,415*	..	..	6 8-in., 4 4-in. A.A., 4 3-pr., 6 M., 8 L., 2 aircraft in Exeter, 1 aircraft in York.	6 21"	32	630
	York	8250					Palmer's	Palmer's	1928	1930	1,774,276	..	..			32½	623
London Class	Shropshire	9830	633	66 0	17 0	80,000 (G.)	Dalmuir, Hawthorn	Beardmore	1928	1929	1,941,980†	..	..	8 8-in., 8 4-in. A.A., 4 3-pr., 4 M., 10 L., 1 aircraft, 1 catapult.	8 21" a.w. (Q.)	32½	685
	Sussex	9830	633	66 0	17 0	80,000 (G.)	Leslie, Devonport	Vickers	1928	1929	1,975,800†	..	..			32½	685
Kent Class	Devonshire	9850	630	66 0	17 0	80,000 (G.)	Ports-mouth	Fairfield	1927	1929	2,007,275	..	..	8 8-in., 8 4-in. A.A., 4 3-pr., 4 M., 10 L., 1 aircraft, 1 catapult.	8 21" a.w. (Q.)	32½	685
	London	9850	630	66 0	17 0	80,000 (G.)	Ports-mouth	Fairfield	1927	1929	1,966,559	..	..			32½	685
Improved Southampton Class	Suffolk	10,000	630	68 4	16 7	80,000 (G.)	Ports-mouth Govan	Parsons	1926	1928	2,180,240†	..	..	8 8-in., 8 4-in. A.A., 4 3-pr., 4 2-pr. Pom Poms, 4 M., 8 L., 3 aircraft.	..	31½	700
	Berwick	10,000	630	68 4	16 7	80,000 (G.)	Devonport	Fairfield	1926	1928	2,029,526	..	..	Cumberland and Suffolk, 6 4-in. A.A., Kent, 1 aircraft.	..	31½	700
Improved Southampton Class	Cornwall	10,000	613½	63 4	17 3	80,000 (G.T.)	Swan Hunter	Wallsend	1938	1939	2,162,504†	..	..	12 6-in., 12 4-in. A.A., 20 smaller, 3 aircraft, 1 catapult.	6	32½	..
	Cumberland	10,000	613½	63 4	17 3	80,000 (G.T.)	Harland & Wolff	Harland & Wolff	1938	1939	2,176,731†	..	..			32½	..
Kent Class	Edinburgh	10,000	613½	63 4	17 3	80,000 (G.T.)	Swan Hunter	Wallsend	1938	1939	2,162,504†	..	..	12 6-in., 12 4-in. A.A., 20 smaller, 3 aircraft, 1 catapult.	6	32½	..
	Belfast	10,000	613½	63 4	17 3	80,000 (G.T.)	Harland & Wolff	Harland & Wolff	1938	1939	2,176,731†	..	..			32½	..

* Total estimated cost of ship, including guns. † Estimated cost, excluding armament and ordnance stores. ‡ Total estimated cost including guns and aircraft.

Southampton Class	Liverpool	9400	591½	62 4	17	82,500 T.G.	Fairfield	Fairfield	1937	1938	1,960,000† each	..	..	12 6-in., 8 4-in. A.A., 20 smaller, 1 catapult, 3 aircraft	6 21"	32	740
	Manchester	9400	591½	62 4	17	82,500 T.G.	Hawthorn	Hawthorn	1937	1938	1,960,000† each	..	..			32	740
Fiji Class	Goucester	9100	591½	61 8	17	75,000 T.G.	Devonport	Scotts	1936	1937	1,960,000† each	..	..	12 6-in., 8 4-in. A.A., 20 smaller, 1 catapult, 3 aircraft	6 21"	32	740
	Southern Class	9100	591½	61 8	17	75,000 T.G.	Devonport	Scotts	1936	1937	1,960,000† each	..	..			32	740
Aurora Class	Newcastle	8000	506	51 0	13 10	64,000 T.G.	(Walker) Vickers	Scotts	1936	1937	1,233,921†	..	..	6 6-in., 4 4-in. A.A., 9 smaller, 1 catapult, 1 aircraft.	6 21"	32½	500
	Glasgow	8000	506	51 0	13 10	64,000 T.G.	(Walker) Vickers	Scotts	1936	1937	1,233,921†	..	..			32½	500
Leander Class	Sheffield	8000	554½	55 8	16 0	72,000 P.T. (G.)	(Walker) Vickers	Vickers	1936	1937	1,280,463†	..	..	4 4-in. twin mounting in Aurora and Penelope	8 21"	32½	570
	Birmingham	8000	554½	55 8	16 0	72,000 P.T. (G.)	(Walker) Vickers	Vickers	1936	1937	1,280,463†	..	..			32½	570
Aurora Class	Ceylon	8000	554½	55 8	16 0	72,000 P.T. (G.)	Stephens Vickers	Stephens Vickers	1939	1939	1,491,417†	..	..	8 6-in., 8 4-in. A.A., 4 3-pr., 5 M.G., 2 sea-planes, 1 catapult.	8 21"	32½	570
	Jamaica	8000	554½	55 8	16 0	72,000 P.T. (G.)	Stephens Vickers	Stephens Vickers	1939	1939	1,491,417†	..	..			32½	570
Aurora Class	Gambia	8000	554½	55 8	16 0	72,000 P.T. (G.)	(Walker) Vickers	Wallsend	1939	1939	1,560,414†	..	..	8 6-in., 8 4-in. A.A., 4 3-pr., 5 M.G., 2 sea-planes, 1 catapult.	8 21"	32½	570
	Uganda	8000	554½	55 8	16 0	72,000 P.T. (G.)	(Walker) Vickers	Wallsend	1939	1939	1,560,414†	..	..			32½	570
Aurora Class	Nigeria	8000	554½	55 8	16 0	72,000 P.T. (G.)	Hunter	Parsons	1939	1939	1,548,663†	..	..	8 6-in., 8 4-in. A.A., 4 3-pr., 5 M.G., 2 sea-planes, 1 catapult.	8 21"	32½	570
	Trinidad	8000	554½	55 8	16 0	72,000 P.T. (G.)	(Walker) Vickers	Parsons	1939	1939	1,548,663†	..	..			32½	570
Aurora Class	Aurora	5270	506	51 0	13 10	64,000 T.G.	Ports-mouth Harland & Wolff	Wallsend	1936	1937	1,233,921†	..	..	6 6-in., 4 4-in. A.A., 9 smaller, 1 catapult, 1 aircraft.	6 21"	32½	500
	Penelope	5270	506	51 0	13 10	64,000 T.G.	Ports-mouth Harland & Wolff	Wallsend	1936	1937	1,233,921†	..	..			32½	500
Leander Class	Galatea	5220	554½	55 8	16 0	72,000 P.T. (G.)	Scott & Parsons	Scott & Parsons	1934	1935	1,225,354†	..	..	4 4-in. twin mounting in Aurora and Penelope	8 21"	32½	570
	Arethusa	5220	554½	55 8	16 0	72,000 P.T. (G.)	Scott & Parsons	Scott & Parsons	1934	1935	1,225,354†	..	..			32½	570
Leander Class	Ajax	6985	554½	55 8	16 0	72,000 P.T. (G.)	Vickers	Vickers	1934	1935	1,491,417†	..	..	8 6-in., 8 4-in. A.A., 4 3-pr., 5 M.G., 2 sea-planes, 1 catapult.	8 21"	32½	570
	Neptune	7175	554½	55 8	16 0	72,000 P.T. (G.)	Ports-mouth	Parsons	1933	1934	1,560,414†	..	..			32½	570
Leander Class	Orion	7215	554½	55 8	16 0	72,000 P.T. (G.)	Devonport	Vickers	1932	1934	1,548,663†	..	..	8 6-in., 8 4-in. A.A., 4 3-pr., 5 M.G., 2 sea-planes, 1 catapult.	8 21"	32½	570
	Orion	7215	554½	55 8	16 0	72,000 P.T. (G.)	Devonport	Vickers	1932	1934	1,548,663†	..	..			32½	570

* Total estimated cost of ship, including guns. † Estimated cost, excluding armament and ordnance stores. ‡ Total estimated cost including guns and aircraft.

GREAT BRITAIN.—Aircraft Carriers.

Class.	NAME.	Standard Displacement.	Length. (Extreme.)	Extreme breadth under water over rubbers.	Draft.	Horse-Power. Type of Boiler.	Where Built.	Maker of Engines. Type of Machinery.	Date of Launch.	Date of Completion.	Cost.	Armour.		Armament.		Speed. knots.	Complement (War).	
												Belt.	Deck.	Guns.	Torpedo Tubes.			
A.C.	Indefatigable						J. Brown	J. Brown	Bldg.		2	in.	in.					
A.C.	Implacable						Fairfield	Fairfield	Bldg.									
A.C.	Illustrious						Vickers (Barrow)	Vickers (Barrow)	Bldg.									
A.C.	Victorious	23,000		111,000			Vickers (Walker)	Vickers (Walker)	1939									
A.C.	Formidable						Harland & Wolff (Belfast)	Harland & Wolff (Belfast)	1939									
A.C.	Indomitable						Vickers (Barrow)	Vickers (Barrow)	Bldg.									
A.C.	Ark Royal	22,000	800	94	9	22	10	102,000	1937	1938	3,429,593	..	..	..	16 4.5 in. guns; 4 3-pr., 70 aircraft	4	30½	..
A.C.	Argus	14,000	567	75	9	21	0	20,000	1917	1918	Purchased under construction	..	..	..	4 5-pr., 4 M., 10 L., accommodates 20 aircraft	—	20.2	420
A.C.	Glorious	22,500	786½	90	6	22	3	90,000	1916	1930	2,119,066 (a) 2,137,374 (b)	3	9-7	16 4.7-in. H.A., 4 3-pr., 3 2-pr. Pom Poms, 4 M., 10 L., 48 aircraft	—	30½	770	

A.C.	Eagle, ex-Almirante Cochrane.	667½	105	2	21	11	50,000	Walker Y.	1918	1924	4,211,576	..	..	9 6-in., 4 4-in. A.A., 4 3-pr., 2 2-pr. Pom Poms, 32 smaller, 20 aircraft	—	24	753
A.C.	Furious	22,450	786½	90½	1	21	6	90,000	1916	1925	2,436,603 (a)	3	7	10 5.5-in., 3 4-in. A.A., 4 3-pr., 2 2-pr. Pom Poms, 46 smaller, 33 aircraft	—	31	728
A.C.	Hermes	10,850	600*	70	3	18	7	40,000	1919	1924	2,030,263†	..	..	6 5.5-in., 3 4-in. A.A., 4 3-pr., 2 2-pr. Pom Poms, 4 M., 16 L., 15 aircraft	—	25	551
S.C.	Pegasus*	6900	366	50	10	17	6	3000	1914	1914	Purchased under construction	..	..	4 M., 10 L., 1 catapult	—	11	139
S.C.	Albatross †	4800	443½	61	0	15	6	12,000	1928	1929	266,796	..	..	4 4.7-in. A.A., 4 2-pr. Pom Poms, 4 3-pr., 4 M.; 20 L.; 9 sea-planes	—	21	350

* Used for experimental work.

† Used as a training carrier.

(a) First cost of ship as a cruiser.

‡ Estimated cost including guns.

§ Over rubbers: 120 ft. over palisades.

¶ Transferred from Royal Australian Navy.

(b) Estimated cost of reconstruction as an aircraft carrier.

GREAT BRITAIN.—Battleships and Battle Cruisers.

Class	NAME.	Standard Displacement tons.	Length (Extreme) ft.	Beam (Extreme) ft. ins. ft. ins.	Normal Draught ft. ins.	Horse-Power. Type of Boilers.	Where Built.	Makers of Engines, Type of Machinery.	Date of Launch.	Date of Completion.	Cost. £	Armour.					Armament.		Speed. knots.	Complement (War).		
												Belt.	Deck.	Side above Belt.	Bulkhead.	Gun Position. Heavy Guns. Second-ary.	Guns.	Torpedo Tubes.				
b.	1 Battleship						J. Brown Fairfield	J. Brown Fairfield	Bdg.			14	6½	..	..	16-9	..	16-in. guns.	2	23	1390	
b.	1 Battleship						Vickers (Walker)	Vickers (Walker)	Bdg.									10 14-in., 16 5.25-in. aircraft and catapult.	2		1315	
b.	Lion	40,000					Cammell Laird	Cammell Laird	Bdg.									9 16-in., 12 6-in., 6 4.7-in. A.A.; 4 8-pr., 3 2-pr. (emb.) mult. p.p.; 5 m.; 11 L.; 2½ 2-pr. Pom Poms in Nelson.	2		1010	
b.	Temeraire						Vickers (Walker)	Vickers (Walker)	1939									8 15-in., 12 6-in., 4 3-pr., 2 2-pr. Pom Poms; 8 4-in. A.A.; 5 m.; 11 L. Resolution has a catapult on X turret and carries 1 aircraft.	2		1012	
b.	King George V.	35,000					Vickers (Walker)	Vickers (Walker)	1939									Revenge and Ramillies have 4 4-in. A.A.	2		1104	
b.	Prince of Wales	35,000					Cammell Laird	Cammell Laird	1939													
b.	Duke of York	35,000					J. Brown	J. Brown	1939													
b.	Beatty	35,000					Fairfield	Fairfield	Bdg.													
b.	Jellicoe	35,000					Swan Hunter	Wallsend	Bdg.													
b.	Nelson	33,950	710	106	0	30	0	45,000	N'wcastle-on-Tyne	Wallsend	1925	1927	6,410,071	14	6½	..	16-9	..	9 16-in., 12 6-in., 6 4.7-in. A.A.; 4 8-pr., 3 2-pr. (emb.) mult. p.p.; 5 m.; 11 L.; 2½ 2-pr. Pom Poms in Nelson.	2	23	1390
b.	Rodney	33,900	710	106	1				Birkenhead	Cammell Laird	1925	1927	6,148,819						8 15-in., 12 6-in., 4 3-pr., 2 2-pr. Pom Poms; 8 4-in. A.A.; 5 m.; 11 L. Resolution has a catapult on X turret and carries 1 aircraft.	2		1010
b.	Ramillies		620½	102	0				Dalmuir	Beardmore, P.T.	1916	1917	3,295,810						Revenge and Ramillies have 4 4-in. A.A.	2		1012
b.	Resolution		620½	101	4				Jarrow	Palmer	1915	1916	2,449,680						Revenge and Ramillies have 4 4-in. A.A.	2		1104
b.	Revenge	29,150	625½	101	5	29	0	40,000	Barrow	Vickers P.T.	1915	1916	2,406,368	13-4	4-1	6	6-4	11	Revenge and Ramillies have 4 4-in. A.A.	2	23	1104
b.	Royal Sovereign		620½	101	6				Portsmouth	Parsons P.T.	1915	1916	2,570,504						Revenge and Ramillies have 4 4-in. A.A.	2		1104

b.	Malaya†	31,100	640½	104	0	31	3	75,000	Walker	Wallsend	1915	1916	2,945,709	13-6	3-1	6	4-2	11	6	8 15-in., 12 6-in., 8 4-in. A.A.; 4 3-pr., 2 2-pr.; 5 m.; 11 L.; 1 catapult, 1 aircraft.	2	25	1186
b.	Valiant§	31,100	639½	104	1	31	3	75,000	Govan	Fairfield	1914	1916	2,537,037	13-6	3-1	6	4-2	11	6	8 15-in., 12 6-in., 4 3-pr., 4 4-in. A.A.; 2 2-pr. Pom Poms; 5 m.; 11 L.; 1 catapult, 1 aircraft.	2	25	1186
b.	Queen Elizabeth	31,100	644½	104	0	31	3	75,000	Portsmouth	Wallsend	1913	1915	2,473,103	13-4	3-1	6	4-2	11	6	8 15-in., 12 6-in., 4 3-pr., 2 2-pr. Pom Poms, 8 4-in. A.A.; 5 m.; 11 L.	2	25	1187
b.	Barham.	31,100	643½	104	0	31	3	75,000	Clydebank	J. Brown	1914	1915	2,470,113	13-4	3-1	6	4-2	11	6	8 15-in., 12 6-in., 8 4-in. A.A.; 4 3-pr.; 5 m.; 11 L.; 1 catapult, 1 aircraft	2	25	1126
b.	Warspite	30,600	644½	104	1	28	2	75,000	Devonport	Hawthorn	1913	1915	2,518,360	13-6	3-1	6	4-2	11	6	8 15-in., 8 6-in., 4 3-pr., 8 4-in. A.A.; 5 m.; 11 L.; 1 catapult, 1 aircraft.	2	25	1130
b.c.	Hood	42,100	860½	105	3	28	6	144,000	Clydebank	J. Brown	1918	1920	5,698,946	12-6	3-1	7-5	5-4	11	(a)	8 15-in., 10 5-5-in., 8 4-in. A.A.; 4 3-pr., 2 2-pr.; 5 m.; 11 L.	4	31	1341
b.c.	Renown*		102	4					Govan	Fairfield	1916	1916	3,117,204	2	6-3	4-3	11-7	6	6	6 15-in., Repulse; 12 4-in., 4 3-pr.; 5 m.; 11 L.; (emb.) 21*	2	31	1188
b.a.	Repulse*	32,000	794½	102	6				Clydebank	J. Brown	1916	1916	2,823,087	9-3	K.C.	4-3	K.C.	6	6	4 3-pr.; 5 m.; 11 L.; (emb.) 21*	2	31	1209

* Repulse reconstructed, 1936. Renown modernised (1939), including re-engining.
 † Built at the charge of the Federated Malay States.
 § In hand for reconstruction similar to Warspite.

† Repulse has 8 a.w. tubes in addition.
 ‡ Speed without bulges.
 (a) Guns are in shields of 1-in. H.T. plating.
 † Over rubbers.

LIST OF BRITISH AND FOREIGN SHIPS.

Warships are arranged in classes, except in some instances where they are arranged alphabetically. The following abbreviations are used throughout the List:—

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|---|--|
| a.g.b. Armoured gunboat. | s.c. Seaplane carrier. |
| g.b. Gunboat. | H.N.S. Harvey nickel steel. |
| b. Battleship. | H.S. Harveyised or similar hard-faced steel. |
| b.c. Battle cruiser. | K.S. Krupp steel. |
| l.cr. Light cruiser. | t. Speed and H.P. at trials (in speed and H.P. columns). |
| c.d.s. Coast-defence ship. | b.p. or p.p. Length of ship between perpendiculars. |
| M.Cr. Minelaying cruiser. | |
| cr. Cruiser. | |
| A.A. or H.A. Anti-aircraft guns. | |
| A.C. Aircraft carrier. | |
| A.T. Aircraft tender. | |
| L. Light guns under 15 cwt., including boats' guns. | |
| M. Machine guns. | |

Torpedo Tubes: (D.) = double; (T.) = triple; (Q.) = quadruple; (sub.) = submerged; a.w. = above water.

The following abbreviations are used to distinguish the various types of boilers:—

- | | |
|---|--------------------------|
| W.T. Water-tube boilers, where the type is not known. | My. Myabara. |
| B. Belleville. | Nic. Niclausse. |
| Bl. Blechynden. | Pen. Penhoet. |
| B. & W. Babcock and Wilcox. | T. Thornycroft. |
| D'A. D'Allest. | T.S. Thornycroft-Schulz. |
| | Y. Yarrow. |

The following abbreviations distinguish types of machinery:—

- | | |
|-------------------------------|---|
| P.T. Parsons turbines. | tur. Turbines, where the type is not known. |
| C.T. Curtis turbines. | recip. Reciprocating engines. |
| B.C.T. Brown-Curtis turbines. | I.C. Internal combustion engines. |
| (G.) Geared turbines. | W.G.T. Westinghouse geared turbines. |

In later pages (marked P1, P2, etc., towards the end of the volume) plans of most of the ships appear.

Unless otherwise stated, the displacements are Standard displacements (i.e. excluding fuel and reserve feed water).

英 文
各 國 艦 艇 要 目 表

附、列強航空機一覽表



