

27
ADMIRALTY.

AUGUST

1889.



By Authority.

— 0 —
LIST OF

HER MAJESTY'S SHIPS, VESSELS,
AND TORPEDO BOATS

ENGAGED IN THE

NAVAL MANŒUVRES

AUGUST, 1889,

SHOWING THEIR DIVISION INTO FLEETS,
SQUADRONS, &c.

CORRECTED TO 18th JULY 1889.

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PRICE FOURPENCE.

NAVAL INSPECTION OF THE SQUADRONS MOBILIZED FOR THE MANŒUVRES.

The following is the composition of the Fleets and Squadrons, assembled at Spithead, which will subsequently take part in the Naval Manœuvres, 1889.



Headquarters, Queenstown and Berehaven.

Will be under the Orders of—

Vice-Admiral BAIRD, in Command.

Admiral D'ARCY-IRVINE, C.B., Second in Command.

Ships.	Classification.	Total Complement.	Commanding Officer.
Northumberland (<i>Flag Ship of Vice-Admiral Baird</i>).	Battle Ship, 3rd Class	711	Capt. S. C. Darwin.
Anson (<i>Flag Ship of Rear-Admiral D'Arcy-Irvine</i>).	" 1st Class	536	" B. F. Clark.
Collingwood	" 1st "	462	" R. H. Harris.
Camperdown	" 1st "	515	" R. D. King.
Inflexible	" 1st "	463	" C. C. P. Fitzgerald.
Devastation	" 1st "	359	" F. S. Vander-Meulen.
Monarch	" 2nd "	577	" U. C. Singleton.
Iron Duke	" 2nd "	484	" R. M. Lloyd.
Hero	" 2nd "	335	" J. Fellowes, C.B.

" B " FLEET—*continued.*

Ships.	Classification.	Total Comple- ment.	Commanding Officer.
Australia	Cruiser 1st Class (Belted).	450	Capt. H. H. Boys.
Immortalité	" "	450	" R. H. Hamond.
Hecla	Torpedo Dépôt Ship	272	" E. J. P. Gallwey.
Mersey	Cruiser, 2nd Class ...	324	" H. Rose.
Arethusa	" 2nd " ...	297	" G. T. H. Boyes.
Iris	" 2nd " ...	278	" F. R. Boardman C.B.
Magicienne	" 2nd " ...	193	" J. P. Pipon.
Calypso	" 3rd " ...	317	" Count F. C. Metan
Nymphe	Sloop	136	Com. C. T. Turner.
Curlew	Gun Vessel, 1st Class	102	" C. J. Norcock.
Grasshopper	Torpedo Gun Boat, 1st Class	62	Lieut. P. W. Bush.
Rattlesnake	" "	62	" T. F. W. Ingram
No. 25	Torpedo Boat ...	16	Gunner R. C. Steele.
" 41	" ...	16	" M. J. Ahern.
" 42	" ...	16	Lieut. C. R. Keppel.
" 49	" ...	16	" J. F. M. Aynsley
" 50	" ...	16	" H. L. D. Pearce.
" 78	" ...	16	" S. A. G. Calthorpe
" 79	" ...	16	" H. R. H. Prince George of Wales
" 80	" ...	21	" C. L. Ottley.

"A" FLEET—Headquarters, Milford Haven.

Will be under the Orders of—

Rear-Admiral Sir GEORGE TRYON, K.C.B., in Command.

Rear-Admiral TRACEY, Second in Command.

Ships.	Classification.	Total Com- ple- ment.	Commanding Officer. ...
Hercules (<i>Flag Ship of Rear-Admiral Sir George Tryon.</i>)	Battle Ship, 2nd Class	632	Capt. C. E. Buckle.
Rodney (<i>Flag Ship of Rear-Admiral Tracey.</i>)	" 1st "	529	" A. K. Wilson, V.C., C.B.
Neptune	" 1st "	541	" J. F. G. Grant.
Howe	" 1st "	515	" C. E. Domville, AdC.
Ajax	" 1st "	385	" R. H. Boyle.
Conqueror	" 2nd "	335	" H. F. Cleveland.
Invincible	" 2nd "	484	" A. T. Brooke, C.B.
Rupert	" 2nd "	242	" C. B. Theobald.
Black Prince	" 3rd "	689	" A. P. M. Lake.
*Warspite	Cruiser, 1st Class (Armoured).	520	" H. H. Rawson, C.B.
*Northampton	" "	568	" A. P. Hastings, C.B.
*Shannon	" "	452	" A. E. Dupuis.
Undaunted	Cruiser, 1st Class (Belted).	450	" M. J. Dunlop.
Narcissus	" "	450	" G. H. U. Noel.
Galatea	" "	450	" A. C. H. Paget.
Aurora	" "	450	" T. S. Jackson.
Thames	Cruiser, 2nd Class ...	324	" J. C. Burnell.

* These three to be temporarily considered 2nd Class Battle Ships.

"A" FLEET—continued.

Ships.	Classification.	Total Comple- ment.	Commanding Officer.
Forth	Cruiser, 2nd Class ...	324	Capt. S. C. Holland.
Mercury	" 2nd " ...	278	" C. Johnstone.
Medea	" 2nd " ...	193	" A. W. Moore.
Melpomene	" 2nd " ...	193	" J. R. E. Pattison.
Marathon	" 2nd " ...	193	" J. G. Jones.
Serpent	" 3rd " ...	159	Com. F. Powell.
Mohawk	" 3rd " ...	159	R. F. O. Foote.
*Sharpshooter	Torpedo Gun Boat, 1st Class	82	Lieut. Hon. A. E. Bache.
Sandfly	" "	62	" F. T. Hamilton.
Spider	" "	62	" D. A. Gamble.
No. 57	Torpedo Boat ...	16	" H. Orpen.
" 58	" ...	16	" C. E. E. Carey.
" 59	" ...	16	" R. K. Arbuthnot.
" 60	" ...	16	" D. R. de Chair.
" 66	" ...	16	" S. R. Fremantle.
" 71	" ...	16	" P. V. Lewes.
" 75	" ...	16	" H. Jones.
" 76	" ...	16	" W. O. Boothby.
" 77	" ...	16	" E. F. B. Charlton.
" 81	" ...	26	" H. B. Jackson.

* Will be commissioned and take part in the Manœuvres if ready.

"C" SQUADRON—Headquarters, Lamlash Bay.

Will be under the Orders of REAR-ADMIRAL Commanding "A" Fleet.

Ships.	Classification.	Total Comple- ment.	Commanding Officer.
Hotspur	Battle Ship, 2nd Class	232	Capt. T. H. Royle.
Belleisle	" 2nd "	286	" the Hon. R. Hare.
Gorgon	Armoured Coast De- fence Ship	191	" A. D. Fanshawe.
Cyclops	" "	191	Com. H. H. Barnard.
Heate	" "	191	" B. R. Bradford.
Hearty	Special Service Vessel	87	" W. Wilson.
Plover	Gun Boat, 1st Class	75	Lieut. E. G. Rason.
No. 51	Torpedo Boat ...	16	" F. K. C. Gibbons.
" 52	" ...	16	" J. C. Tancred.
" 53	" ...	16	" E. J. W. Slade.
" 54	" ...	16	Hon. P. M. Holy- Hutchinson.

"D" SQUADRON—Headquarters, Plymouth.

Will be under the Orders of COMMANDER-IN-CHIEF, Plymouth.

Inconstant	Cruiser, 2nd Class ...	608	Capt. J. B. Warren.
Prince Albert	Armoured Coast De- fence Ship	199	Com. Hon. E. T. Need- ham.
Racoon	Cruiser, 3rd Class ...	159	" G. F. King-Hall.
No. 2	Torpedo Boat ...	11	Gunner R. S. C. Staddon.
" 23	" ...	14	" E. Walker.
" 24	" ...	14	" W. J. Thompson.
" 34	" ...	16	" W. E. Pauley.
" 45	" ...	16	Lieut. E. A. Salwey.
" 55	" ...	16	" Hon. S. C. J. Colville.

"E" SQUADRON—Headquarters, The Downs.*Will be under the Orders of COMMANDER-IN-CHIEF, Sheerness.*

Ships.				Classification.	Total Comple- ment.	Commanding Officer.
Glatton	...	...	...	Armoured Coast De- fence Ship	190	Capt. J. E. Stokes.
Volage	...	...	...	Cruiser, 2nd Class ...	355	„ W. A. D. Acland.
Hydra	...	...	...	Armoured Coast De- fence Ship	191	Com. G. L. Poë.
Trent	...	...	...	Gunboat, 3rd Class...	51	Lieut. G. E. Richards.
Slaney	...	...	...	„ 3rd „	51	„ H. D. Law.
Medway	...	...	...	„ 3rd „	51	„ J. Masterman.
No. 4	...	...	...	Torpedo Boat ...	11	Gunner J. Courtnell.
„ 12	...	...	...	„ ...	11	Boatsn. W. L. Hackney.
„ 63	...	...	...	„ ...	16	„ J. Sanders.
„ 64	...	...	...	„ ...	16	Lieut. A. H. Limpus.
„ 65	...	...	...	„ ...	16	„ A. D. Douglas Hamilton.
„ 72	...	...	...	„ ...	16	„ F. C. D. Sturdee.

"F" SQUADRON—Headquarters, Hull.*Will be under the Orders of Commodore MARKHAM, Commanding "G" Squadron at Leith.*

Ruby	...	...	...	Cruiser, 3rd Class ...	262	Capt. R. F. H. Henderson.
Tartar	...	...	...	„ 3rd „ ...	159	Com. G. N. A. Pollard.
Traveller	...	...	...	Special Service Vessel	53	Lieut. G. Drury.
Medina	...	...	...	Gunboat, 3rd Class...	51	„ H. K. Gregson.
No. 67	..	...	...	Torpedo Boat ...	16	„ E. C. Hogg.
„ 63	...	...	...	„ ...	16	„ O. W. M. Plender leath.

"G" SQUADRON—Headquarters, Leith.

Will be under the Orders of Commodore MARKHAM.

Ships.	Classification.	Total Comple- ment.	Commanding Officer.
Active	Cruiser, 2nd Class ...	356	Com. A. H. Markham.
Medusa	" 2nd "	193	Capt. E. H. M. Davis.
Pigmy	Gunboat, 1st "	75	Lieut. G. H. Hewett.
Watchful	" 2nd "	55	" A. Furlonger.
Spey	" 3rd "	51	" C. F. Foley.
Tees	" 3rd "	51	" J. W. Brown.
No. 73	Torpedo Boat ...	16	" H. H. Campbell.
" 74	" ...	16	" R. Hudleston.

**LIST OF FLAG OFFICERS, CAPTAINS, AND COMMANDERS
(IN COMMAND OF SHIPS) IN ORDER OF SENIORITY.**

Seniority.

<i>Vice-Admiral ...</i> John K. E. Baird, H.M.S. "Northumberland," <i>In command of "B" Fleet.</i>	<i>Vice-Admiral.</i> 18 Jan 1886.
<i>Rear-Admiral...</i> Sir George Tryon, K.C.B., H.M.S. "Hercules" <i>In command of "A" Fleet.</i>	<i>Rear-Admiral.</i> 1 April 1884.
St. George C. D'Arcy-Irvine, C.B., H.M.S. "Anson." 2nd in command of "B" Fleet.	<i>Rear-Admiral.</i> 1 June 1885.
Richard E. Tracey, H.M.S. "Rodney." 2nd <i>in command of "A" Fleet.</i>	<i>Rear-Admiral.</i> 1 Jan 1888.

UMPIRES.

<i>Rear-Admiral...</i> Rt. Hon. Lord Charles T. M. D. Scott, C.B., <i>in H.M.S. "Rodney."</i>	<i>Rear-Admiral</i> 3 April 1888.
Sir Robert H. M. Molyneux, K.C.B., in H.M.S. "Hercules."	<i>Rear-Admiral.</i> 1 May 1888.
Nathaniel Bowden-Smith, in H.M.S. "North- umberland."	<i>Rear-Admiral.</i> 19 June 1888.
George D. Morant, in H.M.S. "Anson."	<i>Rear-Admiral.</i> 1 Jan 1889.

CAPTAINS.

Name.	Seniority.	Ship.	Squadron
John F. G. Grant	6 Sept 1875	Neptune ...	A.
Henry F. Cleveland	26 Nov 1875	Conqueror ...	A.
Compton E. Domville, AdC. ...	27 Mar 1876	Howe ...	A.
Albert H. Markham, AdC. ...	3 Nov 1876	Active ...	G. <i>Senior Officer</i>
Thomas H. Roysse	31 Dec 1876	Hotspur ...	C. <i>Senior Officer</i>
Claude E. Buckle	22 Jan 1877	Hercules ...	A.
Richard D. King	16 Feb 1877	Camperdown ...	B.
Harry H. Rawson, C.B. ...	4 June 1877	Warspite ...	A.
Robert H. Boyle	25 Aug 1877	Ajax ...	A.
Charles B. Theobald	25 Mar 1878	Rupert ...	A.
Uvedale C. Singleton	25 Mar 1878	Monarch ...	B.
Frederick S. Vander-Meulen ...	25 Mar 1878	Devastation ...	B.
Arthur T. Brooke, C.B. ...	14 Aug 1878	Invincible ...	A.
Arthur E. Dupuis	31 Dec 1878	Shannon ...	A.
Alexander P. Hastings, C.B. ...	31 Dec 1878	Northampton ...	A.
Hon. Richard Hare	4 Feb 1879	Belleisle ...	C.
Rodney M. Lloyd	4 Feb 1879	Iron Duke ...	B.
Robert H. Harris	9 Dec 1879	Collingwood ...	B.
Henry H. Boys	29 Jan 1880	Australia ...	B.
John Fellowes, C.B.	29 Jan 1880	Hero ...	B.
Charles C. P. Fitzgerald ...	19 Mar 1880	Inflexible ...	B.
Arthur K. Wilson, V.C., C.B. ...	20 Apr 1880	Rodney... ..	A.
Martin J. Dunlop	23 June 1880	Undaunted ...	A.
John B. Warren	31 Dec 1880	Inconstant ...	D. <i>Senior Officer</i>
Atwell P. M. Lake	3 Jan 1881	Black Prince ...	A.
Gerard H. U. Noel	11 Jan 1881	Narcissus ...	A.
Arthur C. H. Paget	14 Oct 1881	Galatea ...	A.
Thomas S. Jackson	14 Oct 1881	Aurora ...	A.
John E. Stokes	31 Dec 1881	Glatton ...	E. <i>Senior Officer</i>
Richard H. Hammond	31 Dec 1881	Immortalité ...	B.
Arthur D. Fanshawe	31 Dec 1881	Gorgon ...	C.
Frederick R. Boardman, C.B. ...	31 Dec 1882	Iris ...	B.
Henry Rose	29 June 1883	Mersey ...	B.
Charles Johnstone	21 Nov 1883	Mercury ...	A.
John C. Burnell	31 Dec 1883	Thames ...	A.
Swinton C. Holland	9 Apr 1884	Forth ...	A.
Arthur W. Moore	27 June 1884	Medea ...	A.

CAPTAINS—*continued.*

Name.	Seniority.	Ship.	Squadron.
Bouverie F. Clark	30 June 1884	Anson	B.
George T. H. Boyes	31 Dec 1884	Arethusa	B.
William A. D. Acland	1 Jan 1885	Volage	E.
Sacheverel C. Darwin	30 June 1885	Northumberland	B.
John R. E. Pattisson	1 Jan 1886	Melpomene	A.
John G. Jones	30 June 1886	Marathon	A.
Edward H. M. Davis	1 Jan 1887	Medusa	G.
John P. Pison	1 Jan 1887	Magicienne	B.
Reginald F. H. Henderson ...	21 June 1887	Ruby	F.
Count Frederick C. Metaxa ...	1 Jan 1888	Calypso	B.
Edwin J. P. Gallwey	1 Jan 1889	Hecla	B.

COMMANDERS.

Name.	Seniority.	Ship.	Squadron.
Barton R. Bradford	11 July 1882	Hecate	C.
William Wilson	18 Nov 1882	Hearty	C.
Charles J. Norcock	18 Nov 1882	Curlew	B.
Francis Powell	29 June 1883	Serpent	A.
George L. Poë	31 Dec 1883	Hydra	E.
Randolph F. O. Foote	30 June 1884	Mohawk	A.
George F. King Hall	31 Dec 1884	Racoon	D.
Charles T. Turner	17 Aug 1885	Nymphe	B.
Hon. Edward T. Needham	31 Dec 1885	Prince Albert ...	D.
George N. A. Pollard	31 Dec 1885	Tartar	F.
Horace H. Barnard	31 Dec 1885	Cyclops	C.

LIST OF THE STEAM SHIPS AND VESSELS OF THE ROYAL NAVY ENGAGED IN THE NAVAL MANŒUVRES, AUGUST, 1889.

(The Ships are arranged alphabetically. The numbering has no reference to the numbers of Ships on the Lists of the Royal Navy, being only used to indicate where Officers are serving.)

N.B.—The Torpedo Boats are shown in a separate List at the end.

S. denotes Screw.—P. Paddle Wheel.

* *—The Tonnage and Horse Power given are the weight in Tons and the indicated Horse Power of the Engines.

(G) against an officer's name denotes he is a Gunnery Lieutenant borne for Gunnery duties.

(T) that he is a Torpedo Lieutenant borne for Torpedo duties.

(N) that he is an executive officer borne for Navigating duties.

5 ACTIVE, 12. Screw Cruiser 2nd Class.

3080 Tons. 4130 H.P.

Training Squadron.

Captain.....Albert H. Markham, AdC.
(Commodore 2nd Cl.) 5 Nov 86
Secretary.....Harry Robinson.... 5 Nov 86

Commander ..Charles G. Robinson 30 May 87
Lieutenant(G) Charles H. Coke 25 Oct 87

(N) Thomas J. Oswell
20 Aug 88

Arthur T. Taylor....24 Aug 88

Frank E. C. Ryan.... 1 Nov 88

Edgar Lees.....13 May 89

Capt. Mar.Arthur M. E. Hayos 22 Nov 87

(Brevet Major).

Chaplain and } Rev. William Oxland, B.A.,
Nav. Instr. } 1 Sept 88

Staff Surg.Robert W. Williams 15 May 89

Staff Paym.Henry W. Hunt17 Oct 88

Fleet Eng.....James G. Bain 5 Nov 86

Sub-Lieut.Henry B. Bradshaw 27 Apr 88

George E. Cave29 June 89

Assist. Paym.Albert G. Craddock 23 Oct 88

EngineerGeorge R. Taylor .. 4 Sept 88

Assist. Eng.....Percy Wheatcar (prob)

(lent) 18 July 89

GunnerHenry Stevens 7 May 88

BoatswainJames Winsbrow 5 Feb 89

John Train17 Apr 88

CarpenterJohn Lander..... 15 Nov 86

Midshipman ..Hon. Rupert C. Craven
28 May 89

Guy de L. O. Johnson 20 Aug 88

William B. Macdonald 6 Nov 88

Ernest K. Loring 7 Nov 88

Carlyon W. Bellairs 22 May 88

(Lent to "Camperdown.")

Ernest L. C. Muntz.. 20 May 88

Francis W. R. Hewett 20 May 88

Naval Cadet....H. E. Browne

Hon. A. A. De Montmorency

H. R. M. Williams ..

Commissioned at Portsmouth, 21st Sept. 1885.

14 AJAX, 6. Twin Screw. Battle Ship, 1st Class, Armoured.

8660 Tons. 6440 H.P.

(Ship of First Reserve.)

Coast Guard Service.

Greenock.

Captain.....Robert H. Boyle28 Nov 88

Commander....George Huntingford 23 Nov 88

LieutenantCharles G. Gardiner 30 Sept 88

(G) William G. Rees 13 Feb 89

Henry J. Davison .. 7 Sept 88

Carlton V. de M. Cowper
16 Jan 89

Arthur R. F. Bailey...12 July 88

Staff-Com.Augustus Fane12 Dec 87

Lieut. R.N.R.George Cawley12 July 88

Capt. Mar.James B. Darling. 1 Oct 88

Lieut. Mar.Charles J. Windham 27 Apr 89

ChaplainRev. John M. Morton, B.A.
9 Jan 89

Staff-Surg.Howard J. McC. Todd 14 June 89

Fleet Paym.Edmund Hickson ..13 Sept 87

Fleet Eng.....Alexander F. McIntyre
7 Sept 88

Surgeon Arthur W. B. Barrett 20 Aug 88
Engineer Harry Taylor 13 Apr 88
Asst. Eng. Henry T. Knapman 13 Nov 88
 Charles R. Hall (act) 14 May 89
 Frederick Head (prob.) 14 May 89
Gunner Benjamin W. Hill 24 Nov 86
Boatswain Martin Jackson 12 Oct 83
 George L. Mills 21 Sept 88
 William Pine 5 Nov 87
Carpenter Henry J. Lilley 19 Sept 88
Clerk Walter R. Ward 8 Mar 89
Recommissioned at Devonport, 5th August 1885,
to replace 'Shannon'.

32 ANSON, 10. Twin Screw Battle Ship, 1st Class. Armoured.

10,600 Tons. 11,500 H.P.

Flag Ship.

Channel Squadron.

Flag Ship of Second in Command of "B" Fleet.

Rear-Admiral St. George C. D'Arcy-
Irvine, CB. 1 Sept 88

Flag Lieut. (1) Edward F. Ingelfield 1 Sept 88

Secretary John H. G. Chapple 16 May 89

Clerk to Sec. Francis R. Luke 11 Mar 89

Captain Bouverie F. Clark 28 May 89

Commander Spencer H. M. Logan 28 May 89

Lieutenant William B. Fisher 4 Jan 88

(N) Robert L. G. Noel 29 Apr 87

Robert B. S. Wrey 24 Aug 88

(T) Lionel de L. Wells 3 Dec 88

(G) William, II. Nicholson
31 Jan 89

Charles A. Christian 29 Oct 88

Anthony F. Gurney 12 Sept 88

Capt. Mar. Schofield P. Peile 20 May 88

Chaplain & } Rev. Wilson Highmoor, B.A.
Navy Instr. } 28 May 89

Fleet Surg. George B. Murray 1 Jan 88

Fleet Paym. Francis B. Baverstock
20 May 89

Fleet Engr. Alexander Purvis 9 Sept 85

Sub-Lieut. Edward F. Bruen 8 Nov 87

Sub-Lieut. R.N.R. Gerald E. Bridge (act)
23 Apr 89

Surgeon Charles James 20 Aug 88

John J. Dinns, M.D. 27 Apr 80

Asst.-Paym. Horatio O. Jones 14 Apr 88

Engineer Henry A. Evans 28 May 89

Ch. Carpenter James Goodwin 14 Jan 88

Asst.-Engr Charles W. Bolt 10 Nov 88

Charles H. Hill 27 Aug 88

Harry J. Meiklejohn 16 Oct 88

William C. Sanders
(prob.) 28 May 89

Gunner (T) Richard M. Donnell
22 Feb 89

Frederick J. M. Johnson
3 Sept 88

Boatswain William Marchant 16 Jan 89

George Harris 11 Aug 87

Frank Minto 4 June 89

William H. Bennett 17 Aug 87

Midshipman Clement Roach 17 Aug 87
 Spencer A. Hickley 21 Dec 88
 John D. Kelly 20 Aug 88
 Dudley F. Musgrave 1 Sept 88
 Edmund C. Carver 21 Dec 88
 James T. Bush 21 Dec 88
Naval Cadet Robert W. Myburgh 21 Dec 88
 George E. Nares 21 Dec 88
 H. R. Henthcote
 W. Speko
 J. A. Webster
Clerk Thomas C. Phillips 19 Feb 86
Commissioned at Portsmouth, 28th May 1889.
(Officers and crew turned over from the
'Agincourt').

37 ARETHUSA, 10. Twin Screw Cruiser, 2nd Class. 4300 Tons. 5500 H.P.

Captain George T. H. Boyes.
Commander Richard J. Symonds.

(in lieu of a Lieutenant.)

Lieutenant Frederick O. Pike.
 Lewis K. Bell.

(N) Michael S. Beatty.

(G) Ernest F. A. Gaunt (lent).

Laurence de W. Satow.

Staff Surg. John A. McAdam.
Paymaster Henry H. Rickard.

Ch. Engineer Nicholas Menden.
Sub-Lieut. William S. Lambert (act), (lent).

Engineer John S. Gibson-Sugars.
Asst. Eng. Charles V. Eyre (act), (lent).

William W. Lawrence (lent).

Edward J. Weeks (prob), (lent).

Lindsay J. Stephens (prob), (lent).

Gunner Henry G. Keenor.
Boatswain Frank Chatel.

Joseph S. M. Hill (lent).

Carpenter William T. Searle.
Clerk Charles H. Rowe.

Commissioned at Chatham, July 1889.

52 AURORA, 12. Twin Screw Cruiser, 1st Class, Armoured. 5600 Tons. 8500 H.P.

Captain Thomas S. Jackson.
Commander Frank Finnis.

(in lieu of a Lieutenant.)

Lieutenant Charles W. P. Allen.
 (N) Francis A. A. G. Tate.

Ebenezer Rao.

James W. Combe.

(G) Charles G. Napier (lent).

Capt. Mar. Cyril Field.
Chaplain and Rev. Ernest J. Vaughan, M.A.

Nav. Instr.
Staff Surg. Isaac H. Anderson, M.D. (lent).

Staff Paym. Charles J. Bolt.
Staff Eng. Robert Burridge.

Sub-Lieut. Rudolph W. Bentinck (act)
 (lent).

Surgeon Joseph Chambers, B.A., M.F.
 (lent).

Assist. Paym.... William E. R. Martin (*lent*).
Assist. Eng..... George K. Edwards.
 Arthur R. Anderson (*lent*).
 Frederick H. Hinks (*act*) (*lent*).
 Frederick H. Hutchings (*proby*)
 (*lent*).
Gunner..... Joseph Merrett.
Boatswain.... James Jones.
 John Crocombe (*lent*).
Carpenter.... George J. Alexander.
Midshipman.. Philip N. Wright (*lent*).
 Arthur W. Craig.
 Charles B. Vyvyan.
 Henry R. Veale (*lent*).
 William M. Moir (*lent*).
 Commissioned at Devonport 18th July 1889.

53 AUSTRALIA, 12. *Twin Screw Cruiser, 1st Class. Armoured.*

5600 Tons. 8500 H.P.

Captain..... Henry H. Boys.
Commander.... Charles Windham.
 (*In lieu of a Lieutenant.*)
Lieutenant... Charles H. Bayly.
 William F. Gunn.
 (G) Morgan Singer (*lent*).
 Cuthbert E. Hunter (*lent*).
Staff Com..... Edmund E. Greaves.
Capt. Mar..... Harry G. Cotterill.
Chaplain and }
Nav. Instr. } Rev. John E. S. Mason, B.A.
Fleet Surg..... Robert Hay, M.D. (*lent*).
Fleet Paym..... William P. Taylor.
Chief Eng..... Thomas Hughes.
Sub-Lieut..... Francis G. St. John.
Surgeon..... Laurence Bidwell (*lent*).
Assist. Paym..... Francis C. Leonard (*lent*).
Engineer..... Arthur G. G. Faulds.
 Fred Jarvis (*lent*).
Assist. Eng..... James H. D. Barry (*lent*).
 Henry C. Rush (*proby*) (*lent*).
 George F. Thompson (*proby*)
 (*lent*).
Gunner..... Frederick J. Even.
 George E. Leal (*lent*).
Boatswain.... Henry T. Atkins.
 Elias Lake (*lent*).
Carpenter.... John R. Radmore.
Midshipman.. William A. Barkley (*lent*).
 Reginald Y. Tyrwhitt (*lent*).
 Thomas D. Pratt.
 George Rumbold.

Commissioned at Chatham, 18 July 1889.

61 BELLEISLE, 4. *Twin Screw Battle Ship, 2nd Class. Armoured.*

4870 Tons. 3200 H.P.

(*Ship of First Reserve.*)
Coast Guard Service.

Kingstown.

Captain..... Hon. Richard Haro.. 18 Mar 88
Commander.. Ronald R. M. Hall .. 1 Nov 88

Lieutenant.... Rowland E. Berkeley 1 Apr
 Richard B. Newland 17 Nov
 (G) Hugh Talbot... 23 Mar
Nav.-Lieut..... John D. Moulton... 1 June 88
Lieut. R.N.R... Frederick P. Horsfall 12 July 88
Chaplain..... Rev. Auguste B. S. West 8 Dec
Staff Surg..... Alexander B. Trousdell, MD
 10 Nov
Fleet Paym..... Cuthbert R. Rodham 1 Mar
Fleet Engr..... William Gilbert ... 26 Sep
Surgeon..... Archibald McKinley 20 Feb
Assist. Paym.....
Engineer..... John F. Price 10 Feb 88
Assist. Engr... Thomas H. Turner (*proby*).
 13 Nov
 Albert E. Travis (*act*) 14 May
 William H. Beckett (*proby*)
 (*lent*).
Gunner..... Thomas Hayward .. 30 July
Boatswain.... Benjamin Crowther 16 Sept
 John Dwyer 1 Jan
 Jeremiah J. Smith (*act*).
 19 Jan
Carpenter.... John F. Jeffery 1 Mar
Clerk..... Gustavus C. Rochfort 12 Apr
 Commissioned at Chatham, 2nd July 1878.

65 BLACK PRINCE, 28. *Screw Battle Ship, 3rd Class. Armoured.*

9210 Tons. 5770 H.P.

Captain..... Atwell P. M. Lake (*lent*).
Commander.... Richard N. Gresley.
Lieutenant... William H. Roberts.
 Walter L. Bignold (*lent*).
 Richard O. Polwhele (*lent*).
 Francis S. Wheeler.
 (G) Alfred P. Ethelston (*lent*).
Staff Com..... Richard G. Roe.
Capt. Mar. Art... Arthur G. Tatham.
Lieut. Mar. Art... Gerald R. Poole.
Lieut. Mar..... David H. Drake-Brockman.
Chaplain..... Rev. Reginald Dolby, M.A.
Fleet Surgeon.. Thomas L. Horner (*lent*).
Fleet Paym..... Henry P. Brennan.
Staff Engineer.. James J. Warren.
Nav. Instr..... Edward Braithwaite, B.A.
Sub-Lieut..... Arthur L. Cay (*act*) (*lent*).
Surgeon..... Francis M. Puddicombe.
 Edward T. Cook (*lent*).
Assist. Paym..... John H. Coulton (*lent*).
Engineer..... Samuel Aston.
Assist. Eng..... Tom B. Huddy (*act*) (*lent*).
Gunner..... John S. Ferraro.
 (T) Richard Hurd (*lent*).
Boatswain.... John Collins.
 Henry R. Giles (*lent*).
 James Barry (*lent*).
 Robert W. Perry (*lent*).
Carpenter.... William Denbow.
Midshipman.. Francis G. St. G. Brooker.
 Philip Stratfield.
 James V. Farie (*lent*).
 Octavius H. Bonham-Carter
 (*lent*).
 Henry R. Shipster.
Clerk..... Herbert A. Gyles (*lent*).
 Commissioned at Devonport, 18th July 1889.

92 CALYPSO, 16. *Screw Cruiser, 3rd Class.*

2770 Tons. 3720 H.P.

Training Squadron.

Captain Count Frederick C. Metaxa
1 Nov 88
Lieutenant Leslie C. Stuart 16 May 87
(N) Arthur T. Stuart 20 Aug 88
Cuthbert G. Chapman 17 Feb 89
Llewellyn E. Traherne 24 Aug 88
Gerald Oliver 18 July 89
Staff Surg. Charles F. Newland 24 Apr 88
Paymaster Robert L. Hoskyn .. 19 Oct 88
Fleet Engr. Charles A. Vogwell. 14 Oct 88
Nav. Instr. Arthur J. Parish M.A. 10 Nov 88
Sub-Lieut. Cecil J. Prowse. 12 Sept 88
Assist. Paym. Henry C. P. C. Parker 1 May 88
Engineer John A. Murray 2 Nov 88
Assist. Eng. Ernest Barr 19 Apr 88
Gunner Henry W. Webb 12 Nov 88
Boatswain James R. Gibbs. 7 Nov 88
Carpenter John Kendall. 6 Nov 88
Midshipman Herbert A. Child 6 Nov 88
Alexander K. Jones 14 Nov 88
Raymond A. Nugent 14 Nov 88
George E. B. Hand. 6 Nov 88
Richard Webb 14 Nov 88
William H. Guy 20 May 89
Eustace La T. Leatham
22 May 89
Maurice S. Fitzmaurice
20 May 89

Naval Cadet .. W. Bowden-Smith.
A. V. Campbell.
A. G. L. Tottenham.

Commissioned at Chatham, 21st September 1885.

94 CAMPERDOWN, 10. *Twin Screw Battle Ship, 1st Class, Armoured.*

10,600 Tons. 11,500 H.P.

Captain Richard D. King (lent).
Commander John E. Bearcroft.
Lieutenant Frederick S. Inglefield.
Alfred R. A. Stock (lent).
Thomas W. Woodhead (lent).
(T) Algernon H. Anson (lent).
(G) Archibald G. H. W. Moore
(lent).
Hugh Evan-Thomas.

Staff Com. George D. Lee.
Maj. Mar. Alexander H. Des Barres.
Chaplain Rev. Richard D. Lewis, M.A.
Fleet Surg. George Keil.
Staff Paym. Richard R. Moore.
Staff Eng. Henry G. Johnston.
Sub-Lieut. Osmond de Broek (act) (lent).
Surgeon Charles J. S. Kelsall (lent).
Assist. Paym. Charles D. M. Horne (lent).
Engineer Henry L. Manning.
Assist. Eng. Cuthbert R. Roger (lent).
Francis J. Sercombe (proby).
Charles W. Bryant (act) (lent).
Gunner George H. Nicholls.
William Burgess (lent).

Boatswain Richard Carr.
Thomas G. Burrows (lent).
Charles S. Cassidy (lent).
John Motter (lent).
Carpenter William H. Renn.
Midshipman Arthur D. Katinakakis (lent).
Cayrlon W. Bellairs (lent).
Eric P. C. Back (lent).
Edward A. Donaldson.
Llewellyn Griffiths.
Thomas P. Bonham (lent).
Commissioned at Portsmouth, 18th July 1882

115 COLLINGWOOD, 10. *Twin Screw Battle Ship, 1st Class. Armoured.*

9500 Tons. 9570 H.P.

Captain Robert H. Harris.
Commander Leonard E. Dick.
Lieutenant Herbert A. Warren.
(G) Francis G. de Lisle (lent).
(T) John T. White (lent).
Peter O. Cazulet (lent).
Lionel G. S. Hancock.

Staff Com. John Stocker.
Maj. Mar. Roger P. Collin.
Chaplain Rev. Barton S. Tucker, B.A.
Lieut. R.N.R. Arthur Goffin (act) .. 18 July 89.
Fleet Surg. James Flanagan (lent).
Staff Paym. Richard C. Webb.
Fleet Eng. William P. Davis.
Sub-Lieut. Edward Reeves (act) (lent).
Surgeon John Grant, M.B. (lent).
Assist. Paym. Basil J. Brotherton (lent).
Engineer James M. Thompson.
Assist. Eng. George W. Murray.
Walter J. Kent (lent).
John O'Neill (act) (lent).
Gunner Christopher H. Deighton.
Bernard H. Birch (lent).
Boatswain George Mallard.
Frederick H. Davis (lent).
George H. Roberts (lent).
Carpenter Robert Higham.
Commissioned at Portsmouth, 18th July 1889.

121 CONQUEROR, 6. *Twin Screw Battle Ship, 2nd Class. Armoured.*

6200 Tons. 6000 H.P.

Captain Henry F. Cleveland (lent).
Commander George R. Lindley (lent).
Lieutenant (G) George E. Patoy (lent).
George S. Walsh (lent).
Henry D. Kirwan (lent).
Henry E. F. Worthington.
Staff Com. Charles D. A. Morshead.
Lieut. Mar. Evelyn H. Orlebar.
Lieut. R.N.R.
Staff Surg. Horace E. F. Cross (lent).
Staff Paym. Montague B. Williams.
Staff Eng. George McEwen.
Sub-Lieut. Ernest R. Hamilton (act) (lent).

Henry E. Tregenna (*act*) (*lent*).
Gunner John Blampay.
Boatswain Henry Gearing.
 Samuel Collins (*lent*).
 Alfred Radford (*lent*).
 (T) Daniel R. Phair (*lent*).
Carpenter Thomas Ellis.
Commissioned at Devonport, 18th July 1889.

**211 GALATEA, 12. Twin Screw
Cruiser 1st Class. Armoured.**

5600 Tons. 8500 H.P.

Captain Arthur C. H. Paget.
Commander Robert L. Groome.
 (In lieu of a Lieutenant.)
Lieutenant Edward P. Ashe.
 Morris H. Smyth.
 Francis E. Groube (*lent*).
 (G) Arthur D. Ricardo (*lent*).
Staff Com. Charles R. H. Robinson.
Capt. Mar. Frederick E. Hast.
Fleet Surg. Thomas H. Atkinson (*lent*).
Paymaster John K. Mosse.
Staff Eng. Samuel J. Rock.
Sub-Lieut. Arthur R. Guest (*act*) (*lent*).
Surgeon George A. Holroyd (*lent*).
Engineer William F. Hocken.
Assist. Eng. Henry T. Yeats.
 Alfred H. Mowsey (*act*) (*lent*).
Gunner William H. Rogers.
Boatswain Charles H. Rowe.
 Stephen H. Crouch (*lent*).
Carpenter William L. Peain.
Midshipman .. Robert H. Keate (*lent*).
 Henry T. A. Bosanquet (*lent*).
 Walter H. Cowan.
 Edward M. Phillpotts.
 Walter H. C. S. Thring (*lent*).
 John S. Dumaresq (*lent*).
Clerk Vincent A. Lawford (*lent*).
Commissioned at Portsmouth, 18th July 1889.

**218 GLATTON, 2. Twin Screw
Coast Defence Ship. Armoured.**

4910 Tons. 2870 H.P.

Captain John E. Stokes.
Lieutenant (G) Edward B. Fletcher (*lent*).
 Francis H. Davies (*lent*).
 Arthur C. Heathcote (*lent*).
Staff Com. Herbert J. Dockrell.
Chief Eng. William T. Allen.
Sub-Lieut. Randal M. Lambert (*act*) (*lent*).
Surgeon Horatio S. R. Sparrow (*lent*).
 (In lieu of a Staff Surgeon).
Assist. Paym. } Frederick W. Mortimore (*lent*).
in Charge }
Engineer James Armstrong.
Assist. Eng. Herbert W. Irish (*lent*).
Ch. Gunner John J. Bentley.
Boatswain James Doidge.
 Henry Shaw (*lent*).
Carpenter Charles Young.
Assist. Clerk Joseph Hall (*lent*).
Commissioned at Portsmouth, 18th July 1889.

**219 GORGON, 4 Twin Screw
Coast Defence Ship. Armoured.**

3560 Tons. 1670 H.P.

Captain Arthur D. Fanshawe (*lent*).
Lieutenant Francis P. Carey (*lent*).
 (N) John C. Roughton.
 John L. Eagles (*lent*).
 Ivan G. Humphreys.
Lieut. Mar. Francis W. A. Hervey.
Staff Eng. William M. Feak.
Sub-Lieut. Hugh L. P. Heard (*act*) (*lent*).
Surgeon John Acheson, M.D.
 (In lieu of a Staff Surgeon).
Assist. Paym. } George Whitecroft (*lent*).
in Charge }
Engineer James Lane.
Gunner John T. Creber.
Boatswain William T. White.
Carpenter William Hansom.
Commissioned at Devonport, 18th July 1889.

**222 GRASSHOPPER, 1. Twin
Screw Gun-Boat, 1st Class.**

525 Tons. 3000 H.P.

Lieutenant & Commander } (T) Paul W. Bush (*lent*).
Lieutenant (N) Peter N. Richards (*lent*).
Chief Eng. John Gardner.
Sub-Lieut. Beauchamp St. I. Bellairs (*act*) (*lent*).
Surgeon Cyril J. S. Mansfield, M.B. (*lent*).
Commissioned at Sheerness, 18th July 1889.

**229 HEARTY, 4. Twin Screw
Special Service Vessel.**

1300 Tons. 1800 H.P.

Particular Service.

Commander William Wilson 7 Jan 89
Lieutenant Frank F. Bone 26 Apr 88
 (N) Fredrick Lancelot
 20 Aug 88
Staff Eng. Richard Irwin 19 Sept 88
Surgeon George A. Waters, M.B. 5 Jan 89
Assist. Paym. } Thomas J. Stovin 12 Jan 89
in charge }
Gunner Pierce Ferris 19 Oct 86
 (For Quarter Deck Duties).
Boatswain George Boddie 24 Sept 86
 Frederick Llewellyn 27 Feb 89
 John Connelly 12 Oct 88
Commissioned at Sheerness, 7th September 1886.

**230 HECATE, 4. Twin Screw
Coast Defence Ship. Armoured.**

3560 Tons. 1750 H.P.

Commander .. Barton R. Bradford.
Lieutenant Oliver A. Stokes.

George H. Miller (*lent*).
 (G) Frederick O. T. Jones (*lent*).
Staff Com. William J. N. Baird.
Lieut. Mar. Roland M. Byrne.
Staff Surg. Herbert E. Marsh.
Staff Paym. Abraham Turner.
Fleet Eng. Peter Colquhoun.
Sub-Lieut. Frederick G. Loring (*act*) (*lent*).
Sub-Lieut. R.N.R. Owen Jones 18 July 89
Engineer Warwick Monkhouse.
Assist. Eng. William R. Parsons.
 Henry R. Batchelor (*proby*)
 (*lent*).
Ch. Gunner John Kite.
Gunner George Barrett (*lent*).
Boatswain Richard H. Trigger.
 Morgan Murphy (*lent*).
 William Ingram (*lent*).
Carpenter Richard W. Cogger.
Clerk Cuthbert H. Rodham.
 Commissioned at Portsmouth, 18th July 1889.

**244 HOTSPUR, 4. Twin Screw
 Battle Ship, 2nd Class.
 Armoured.**

4010 Tons. 3060 H.P.

(Ship of First Reserve.)

Coast Guard and Drill Ship of Naval Reserve,
 Harwich.

Captain Thomas H. Royle .. 1 Sept 88
Commander .. William T. Burke .. 24 Apr 88
Lieutenant James N. Hill 30 Jan 89
 (G) Robert S. Lowry 18 May 89
 George Couper 7 May 89
 Walter E. Elliot 12 July 89
Staff Com. Richard J. Rogers 30 Aug 88
Staff Surg. Richard D. White.
 M.A., M.D. 25 Oct 88
Staff Paym. George E. Maroon .. 13 Jan 89
Fleet Eng. George Sullivan 29 June 89
Surgeon
Asst. Paym. Albert Greenwood .. 28 June 89
Engineer William J. Brown .. 5 Feb 87
Assist. Eng. John E. Mortimer (*act*)
 13 Nov 88

George T. Paterson (*proby*) (*lent*)
 Percy G. Drake (*proby*) (*lent*)
Gunner Harry Gover 15 May 89
Boatswain James Murphy 25 June 87
 Abraham Collins 9 May 88
 Harry Critchell 21 Aug 88
Carpenter Thomas J. Ready .. 1 July 89
 The following Officer is borne as additional.
Fleet Paym. Silas W. Parker 1 Jan 87
 (For Service on Shore).
 Recommissioned at Portsmouth 21st May 1887
 with Crew turned over from 'Penelope.'

**249 HOWE, 10. Twin Screw
 Battle Ship, 1st Class.
 Armoured.**

10,300 Tons. 11,500 H.P.

Captain Compton E. Domville, A.D.C.
 (*lent*).

Commander Francis C. B. B. Simpson (*lent*).
 (N) David L. Dickson.
Lieutenant (G) John H. Jellicoe (*lent*).
 George S. Shuckburgh (*lent*).
 (T) Stuart Nicholson (*lent*).
 Christopher G. F. M. Cradock.
 William G. Van Ingen.
 Francis G. Eyre (*lent*).
Maj. Mar. Herbert E. Robbins.
Chaplain Rev. Henry B. Harper. B.A.
Fleet Surgeon .. William D. Wodsworth (*lent*).
Fleet Paym. Alfred T. D. Nettleton.
Fleet Eng. Frederick S. Turner.
Sub-Lieut. George P. W. Hope (*act*) (*lent*).
Surgeon Octavius W. Andrews, M.B.
 (*lent*).
Assist. Paym. .. Charles E. F. Webb (*lent*).
Engineer William F. Turner.
Assist. Engr. .. Edward G. Guyatt (*lent*).
 John G. Liversidge (*lent*).
 William H. S. Moyses (*lent*).
Gunner Henry Spreadbury.
 Joseph H. Jarvis (*lent*).
 Frederick Hubbard (*lent*).
Boatswain George Trice.
 Charles Clear (*lent*).
 Thomas McDermott (*lent*).
Carpenter James Rice.
Midshipman .. Herbert J. Savill (*lent*).
 Frederick L. Field.
 Charles T. Borrett.
 Ernest Henslowe.
 Stephen H. Radcliffe (*lent*).
 Hugh Edwards (*lent*).
 Commissioned at Portsmouth, 18th July 1889.

**254 HYDRA, 4. Twin Screw
 Coast Defence Ship. Armoured.**

2560 Tons. 1470 H.P.

Commander George L. Poole.
Lieutenant Richard G. Day.
 Samuel Ewing.
Staff Com. John A. G. Buckner.
Lieut. Mar. Frank Athow.
Lieut. R.N.R. .. George D. Clarke 18 July 89
Staff Surgeon .. Edward H. Mulock.
Fleet Engr. James Nelson.
Sub-Lieut. Robert O. H. Beamish (*act*)
 (*lent*).
Assist. Paym. } Cecil Vivian (*lent*).
 in charge.
Engineer William Irwin.
Assist. Engr. .. Richard H. Pearce (*proby*)
 (*lent*).
Gunner Thomas Read.
Boatswain Edward W. Austin.
Carpenter William Neale.
 Commissioned at Chatham, 18th July 1889.

**256 IMMORTALITÉ, 12. Twin
 Screw Cruiser, 1st Class.
 Armoured.**

5600 Tons. 8500 H.P.

Captain Richard H. Hamond.
Commander Edward P. Jones.
 (In lieu of a Lieutenant.)

Lieutenant(N) Francis T. Barr.
 Frederick R. Gransmore.
 Duncan Macpherson.
 Reginald R. Growse.
 (G) Charles D. Granville, (lent).
Capt. Mar.Horace A. Coward.
Chaplain and } *Rev. John Brabazon, M.A.*
Nav. Instr. }
Staff Surg.Albert C. Queely.
Staff Paym.George Liddell.
Chief EngineerCaleb J. North.
Sub-Lieut.Harry O. Tracey (act).
SurgeonWilliam Hackett, M.D. (lent).
Assist. Paym.Henry de C. Ward.
EngineerAlexander Kerr.
 William R. Parker (lent).
Assist. Engr.Edward Swinney (lent).
 Richard W. Martell (proby) (lent).
 Henry Lashmore (proby) (lent).
GunnerEdward H. Garrad.
 George Morrison (lent).
BoatswainCharles Allen.
 John M. Shea (lent).
CarpenterSamuel Cross.
MidshipmanEdward A. Baird (lent).
 Charles J. Yorke.
 John F. Grant-Dalton.
 Martin F. Stapylton (lent).
Commissioned at Chatham, 18th July 1889.

260 INCONSTANT, 16. *Screw* *Cruiser, 2nd Class.* 5780 Tons. 7360 H.P.

CaptainJohn B. Warren.
CommanderDaniel McL. Riddell.
LieutenantArthur T. S. Carter.
 (G) Cecil F. Thursby (lent).
 Alexander Y. C. M. Spearman.
 Cunningham R. de C. Foot.
 Heathcoat S. Grant.
 Archibald B. Purvis.
Staff Com.William C. E. Parker.
Maj. Mar.Henry B. Woods.
Lieut. Mar. Art. Cecil A. P. Ormaston.
ChaplainWilliam S. Harris, M.A.
Fleet Surg.George Curtis (lent).
Staff Paym.Edgar de H. Whiddon.
Staff Eng.William T. Bray.
Nav. Instr.J. R. Walker, B.A.
Sub-Lieut.Harry M. K. Betty (act) (lent).
SurgeonCharles G. Matthew, M.B.
 (lent).
Assist. Paym.Robert F. Smith.
EngineerWilliam Hudson.
Eng. Eng.Peter T. Crichton (lent).
GunnerJohn W. S. Powell.
BoatswainCharles Duggan.
 David Keefe (lent).
CarpenterJames Goss.
MidshipmanRobert E. C. Cayley (lent).
 Francis J. Carvell.
 Thomas L. Thorpe-Doublie.
 Dudley T. Musgrave (lent).
 Hugh T. G. Stack (lent).
Commissioned at Devonport, 18th July 1889.

263 INFLEXIBLE, 12. *Twin* *Screw Battle Ship, 1st Class,* *Armoured.*

11,880 Tons. 8010 H.P.

CaptainCharles C. P. Fitzgerald.
CommanderGeorge M. Henderson.
LieutenantGeorge L. M. Leckie.
 James W. Burder (lent).
 George A. Smith (lent).
 Hubert G. W. Thorold (lent).
 (N) Richard H. Wellings.
 Alfred E. Tizard (lent).
 (G) Montague E. Browning
 (lent).
Capt. Mar. Art. Alfred Orford.
Lieut. Mar.Edwin G. Lywood.
Fleet Surg.John K. Conway, M.D.
Staff Paym.John J. Hoar.
Chief Eng.Thomas F. Brown.
Sub-Lieut.Lord Gillford (act) (lent).
SurgeonThomas Austen (lent).
Assist. Paym.Gerald L. Clarke.
EngineerJohn J. Carey.
Assist. Eng.Ernest W. Rodet.
 Henry T. Winney (act) (lent).
 William McGregor (act) (lent).
GunnerRichard P. George.
BoatswainAbraham Milton.
 Thomas Sutton (lent).
 Christopher Sullivan (lent).
 Harry Cook (lent).
CarpenterJames Attrill.
Commissioned at Portsmouth, 18th July 1889.

265 INVINCIBLE, 16. *Twin* *Screw Battle Ship, 2nd Class.* *Armoured.*

6010 Tons. 4830 H.P.

(Ship of First Reserve.)
 Coast Guard Service.
 Southampton Water.

CaptainArthur T. Brooke, C.B. 1 June 88
Commander ..Frank H. Henderson 20 Mar 88
LieutenantHenry B. Warren 25 May 88
 Henry W. Target 18 Nov 7
 James P. Montgomery 3 Apr 88
 (G) Edmund C. A.
 Paston-Cooper 24 Aug 88
 George S. Hockin 12 July 89
Staff Com.William R. Stevens 22 Dec 87
Captain Mar. ..Arthur E. Hornblow 1 Oct 87
Lieut. Mar. Art. John M. Rose 1 Oct 87
Lieut. Mar.Richard B. De Chair 7 Oct 88
ChaplainRev. Charles E. Panter, M.A. 24 Feb. 87
Staff Surg.William Brown 11 June 88
Fleet Paym.Derisley Martin 1 Apr 88
Fleet Eng.William E. Pilcher. 7 Aug 82
SurgeonJames L. Smith, M.B. 19 Oct 88
Assist. Paym.William L. Gill 19 Feb 89
EngineerFrederick H. Dart 22 Mar 89
Assist. Eng.Septimus Ham (act). 13 Nov 88
 Alfred Burner (proby) (lent).

Gunner William J. C. Hooper 20 May 89
Boatswain John R. Baker 26 Jan 89
 Henry E. Stanton 18 Oct 87
 Francis J. Fish (act) 25 May 89
Carpenter William Millett 22 Dec 88
Commissioned at Devonport, 23rd November, 1886
with crew turned over from 'Northampton.'

266 IRIS, 13. *Twin Screw* *Cruiser, 2nd Class.*

3730 Tons. 7330 H.P.

Captain Frederick R. Boardman, C.B.
 (lent).
Lieutenant John P. P. Coots (lent).
 Joseph E. Gregory (lent).
 Charles S. Nedham.
 (†) Herbert M. Heathcote.
 Henry F. Aplin (lent).
 (†) Francis A. R. Bowles (lent).
Fleet Surg. James Bradley (lent).
Paymaster Henry Dawson.
Staff-Eng. Elijah Tricker.
Sub-Lieut. Howard F. J. Rowley (act)
 (lent).
Assist. Eng. Robert A. Hunter.
 Ernest C. Thornhill (lent).
 Frederick J. Page (act) (lent).
Gunner William Barrett (b).
Boatswain Richard Cummer.
 James Boyle (lent).
Carpenter Joseph E. G. Smith.
Clerk Wilfred J. Carter (lent).
Commissioned at Portsmouth, 18th July 1889.

267 IRON DUKE, 14. *Twin* *Screw Battle Ship, 2nd Class.* *Armoured.*

6010 Tons. 3520 H.P.

Channel Squadron.

Captain Rodney M. Lloyd 20 Apr 88
Commander Edward H. Bayly 18 Apr 88
Lieutenant (†) George Langford 3 July 86
 Robert H. Travers 30 Sept 87
 Rupert G. H. Blomfield 4 Sept 88
 Lionel H. Hordern 7 Dec 88
 Arthur C. Leveson 27 Nov 88
Staff-Com. James B. Walker 20 Aug 88
Lieut. R.N.R. George K. Wright (act) 14 Jan 89
Capt. Mar. Frank A. Newington 22 May 89
 (Brevet Major.)
Chaplain and } Rev. Frederick J.
 } Matthews, M.A. 1 June 88
Nav. Instr. }
Fleet Surg. Henry Macdonnell 23 Apr 89
Fleet Paym. John H. Clouston 1 May 88
Fleet Eng. George B. M. Keay 18 Nov 87
Sub-Lieut. Henry B. Pelly 21 Dec 88
Surgeon John D. Hughes 12 Dec 88
 Richard Miller, M.B. 11 Dec 88
Assist. Paym. Harry P. Barnett 11 Sept 88
Assist. Eng. William E. Hosken 1 May 89
 Abraham R. Rolle 10 Nov 88
 Henry Toop 5 Sept 88

Gunner Edward J. Ormes 15 May 89
 George Ruyff 22 Aug 87
Boatswain William J. H. Pitts 1 May 88
 James McGeachy 16 Aug 87
Carpenter John J. T. Honey 1 May 88
Midshipman Herbert J. T. Marshall 21 Dec 88
 Herbert A. Adams 28 Nov 88
 Arthur J. Payne 30 July 87
 Guy D. Hirtzel 28 Nov 88
 George B. W. Young 28 May 89
 John Harvey 1 Sept 88
 Christopher P. Metcalfe
 28 May 89
 Frank O. Lewis 21 Dec 88
 Francis S. Talmay 1 Sept 88
 Arthur B. Hughes 21 Dec 88
 Marchant H. Penfold 21 Dec 88
 Robert E. Vaughan 6 June 89
Navel Cadet Charles E. W. Pyddoke 21 Dec 88
 Herbert N. Hunter 28 May 80
 R. Caldwell.
 A. S. Cole.
 M. H. Hodges.
 G. M. Staveley.
Clerk Edwin H. A. Gilbert 16 Feb 89
Assist. Clerk Arthur K. Shapcote 19 Feb 89
Commissioned at Devonport, 16th April 1885.

293 MAGICIENNE, 6. *Twin* *Screw Cruiser, 2nd Class.*

2950 Tons. 9000 H.P.

Captain John P. Phipon.
Lieutenant Alan B. Leslie.
 (†) Frank J. Thring.
 (†) Richard F. Phillimore
 (lent).
Paymaster William B. Clark.
Staff-Eng. James Leighton.
Sub-Lieut. Henry L. Mawbey (act).
Surgeon Jeremiah Sugrue, M.D. (lent).
 (In lieu of a Staff-Surgeon.)
Assist. Eng. Hamilton J. Cowd.
 William G. Ludgate (lent).
 William H. W. Stewart (lent).
 Robert B. Dixon (act) (lent).
Gunner (†) Frederick G. Wilton.
Commissioned at Portsmouth, 18th July, 1889.

304 MARATHON, 6. *Twin* *Screw Cruiser, 2nd Class.*

2950 Tons. 9000 H.P.

Captain John G. Jones.
Lieutenant Charles G. May.
 (†) Henry R. Robinson.
 (†) Stuart St. J. Farquhar
 (lent).
Paymaster William C. A. J. Robinson.
Staff-Eng. Robert J. Barker.
Sub-Lieut. Walter L. B. Molyneux (act)
 (lent).
Surgeon James Porter, M.A., M.B. (lent).
 (In lieu of a Staff-Surgeon.)
Assist. Eng. William Ryan.

Thomas P. Jackson (*lent*).
 William Denbow (*act*) (*lent*).
 William H. Wood (*act*) (*lent*).
 Gunner (T) John Sims.
 Commissioned at Portsmouth, 18th July 1889.

310 MEDEA, 6. *Twin Screw Cruiser, 2nd Class.*

2800 Tons. 9000 H.P.

Temporarily Commissioned.

Captain Arthur W. Moore ..28 May 89
 Lieutenant (G) Ernest A. Simons 21 May 89
 (N) Hugh B. Hawkshaw 15 Jan 89
 Edward L. Lowdell ..28 May 89
 Staff Surg. Thomas E. H. Williams

28 May 89
 Paymaster William C. Gillies ..28 May 89
 Chief Eng. James C. Lurg 5 Mar 88
 Sub-Lieut. William F. Slayter ..28 May 89
 Engineer Albert E. Tomkins ..25 Aug 88
 Asst. Eng. Ernest A. W. Head ..28 May 89
 Henry A. Gedge (*act*) 28 May 89
 Gunner (T) Walter W. Ronch .. 8 Jan 89

Commissioned at Chatham, 28th May 1889.

311 MEDINA, 3. *Twin Screw Gun-Boat, 3rd Class. Coast Defence.*

363 Tons. 310 H.P.

Portsmouth.

Lieut. & Com. ... Henry K. Gregson.
 Sub-Lieut. Alfred C. Sykes (*act*) (*lent*).
 Surgeon Francis J. Lea (*lent*).
 Gunner (N) Alexander Greening (*lent*).
 (T) Walter S. Eaton.

Commissioned at Portsmouth, 18th July 1889.

312 MEDUSA, 6. *Twin Screw Cruiser, 2nd Class.*

2800 Tons. 9000 H.P.

Captain Edward H. M. Davis.
 Lieutenant Arthur H. Shirley.

(N) Henry W. Steele.

(G) William C. Pakenham

(*lent*).

Paymaster Robert M. Pearson.

Staff-Eng. Richard G. Callaway.

Sub-Lieut. Herbert du C. Luard (*act*).

Surgeon Percy W. Bassett-Smith

(In lieu of a Staff Surgeon.)

Engineer Frederick M. D. Spry.

Asst.-Eng. Joseph N. Crowle (*lent*).

Frank Waterfield (*act*) (*lent*).

Gunner (T) James Attfield.

Commissioned at Chatham, 18th July 1889.

313 MEDWAY, 3. *Twin Screw Gun-Boat, 3rd Class. Coast Defence.*

Iron Gun-Boat.

363 Tons. 310 H.P.

Lieut. & Com. ... John Masterman.

Sub-Lieut. Francis A. L. Andrews (*act*)

(*lent*).

Surgeon Johnston H. Acheson. M.B.

(*lent*).

Gunner (N) Edward H. Purkis (*lent*).

Henry F. Carter.

Commissioned at Portsmouth, 18th July 1889.

315 MELPOMENE, 6. *Twin Screw Cruiser, 2nd Class.*

2950 Tons. 9000 H.P.

Captain John R. E. Pattison (*lent*).

Lieutenant (G) Harry G. Grey.

Mortimer K. Woodhouse (*lent*).

Nav. Lieut. Hubert H. Sabben.

Staff Surg. Richard J. Barry.

Staff Eng. Henry C. Stansmore.

Sub-Lieut. Charles R. Curtis (*act*) (*lent*).

Asst. Paym. } William E. E. Read (*lent*).

in Charge.

Engineer Frederick W. Austin.

Asst. Eng. Henry C. W. Peel (*lent*).

John E. Vibert (*probly*) (*lent*).

Gunner (T) William J. Crothers.

Commissioned at Portsmouth, 18th July 1889.

316 MERCURY, 13. *Twin Screw Cruiser, 2nd Class.*

3730 Tons. 7290 H.P.

Captain Charles Johnstone.

Lieutenant Stanley T. Dean-Pitt.

(N) Harry C. Martin.

Edward L. Wilson (*lent*).

William H. W. Grove (*lent*).

(G) Edward L. D. Boyle (*lent*).

Henry V. Simpson (*lent*).

Staff Surg. Richard G. Brown. M.B. (*lent*).

Paymaster Frederick H. M. Whitfield.

Staff Eng. Samuel J. Robins.

Sub-Lieut. John Luce (*act*) (*lent*).

Engineer Frederick Mitchell.

Frank D. Thomsett (*lent*).

Asst. Eng. Reuben Main (*probly*) (*lent*).

Gunner John Mahoney (*b*).

Boatswain Harry Bishop.

Walter Hodgkiss (*lent*).

Carpenter Edward J. Milton.

Asst. Clerk Alfred C. Ransom (*lent*).

Commissioned at Portsmouth, 18th, July 1889.

**319 MERSEY, 12. Twin Screw
Cruiser, 2nd Class.**

4050 Tons. 6000 H.P.

Captain.....Henry Rose.
Commander.....John L. Marx.
(*In lieu of Lieutenant*).
LieutenantEwen F. Domville.
(**N**) Frederick G. McKinstry.
Charles W. Thomas.
(**G**) William H. Boys (*lent*).
Lieut. R.N.R. ..George W. Banks.
Lieut. Mar.James R. Goddard.
Staff Surg.Henry A. W. Richardson.
PaymasterArthur K. Tuson.
Staff Eng.Andrew Spalding.
Sub-Lieut.Charles J. Collins (*act*).
EngineerHenry Humphreys.
Assist. Eng.Henry Abbott (*lent*).
Thomas H. B. Bishop.
GunnerHoward Bone (*proby*) (*lent*).
Charles A. B. Palmer.
BoatswainJohn Hawkes.
Frederick McMahon (*lent*).
Edward Lawler (*lent*).
Carpenter.....George A. Nuteher.
Assist. Clerk ..Harry M. C. Elliott (*lent*).
Commissioned at Chatham, 18 July 1889.

**325 MOHAWK, 6. Twin Screw
Cruiser, 3rd Class.**

1770 Tons. 3500 H.P.

Commander....Randolph F. O. Footo.
LieutenantHon. Gerald F. Digby.
(**N**) Bertram C. P. Wolferstan.
Reginald A. Allenby.
Chief Eng......Thomas New.
Sub-Lieut.William Driffeld (*act*) (*lent*).
Surgeon.....Frederick J. Lilly.
(*In lieu of a Staff Surgeon*).
Assist. Paym. } Bouchier B. Savile (*lent*).
in Charge. }
EngineerJohn H. Dalrymple.
Assist. Eng.Richard W. Toman (*lent*).
Archie R. Emidin (*proby*) (*lent*).
George W. Roome (*proby*) (*lent*).
Gunner(**T**) William H. Blake.
Commissioned at Sheerness, 18 July 1889.

**326 MONARCH, 7. Screw Battle
Ship, 2nd Class. Armoured.**

8320 Tons. 7840 H.P.

Channel Squadron.

CaptainUvedale C. Singleton 28 Oct 87
CommanderJames R. Broadley .. 6 Jan 88
LieutenantAngus W. S. Douglas. 2 Jan 89
Francis G. T. Cole ..30 Nov 88
(**G**) Charles P. Ogle..18 May 89
Walter Lumsden 2 Dec 88
Thomas Jackson13 May 89
Staff Com.Bertram E. W. Gwynne
10 Mar 87

Capt. Mar.Richard K. W. R. Clavell
16 Aug 87
Lieut. Mar. Art. William B. Harkness 18 Aug 87
ChaplainRev. Frederick G. H. H. E.
White, MA. 4 Nov 87
Staff Surg.John Mackie 0 May 88
Staff Paym.William T. Peneock 10 Sept 88
Fleet Eng.Charles W. Nibbs ..19 July 89
Nav. Instr.George P. Edwards, B.A.
2 Feb 89
Sub-Lieut......Louis W. P. Chotwynd 29 Dec 87
Surgeon.....Henry S. Jackson ..20 Aug 87
George L. Baker19 Oct 88
Assist. Paym. ..Henry Constantine..16 May 88
EngineerWalter J. Graham .. 5 Dec 87
Assist. Eng.....John H. A. Burgess..10 Nov 88
Ronald E. Jackson ..25 Aug 88
GunnerJeremiah Hickey ..24 Apr 89
BoatswainWilliam Mahoney ..27 Nov 88
Mark Hitchcock19 Oct 87
William V. Smith19 Oct 87
Daniel Field19 Oct 87
Carpenter.....Samuel G. Hicks 8 Nov 88
Midshipman ..Henry L. Dicks21 May 89
John P. Irven31 May 89
William T. P. Wilson 10 Jan 88
Alan C. Bruce1 Sept 88
Charles D. Ricketts ..1 Sept 88
Digby St. A. P. Weston 21 Dec 88
Martin T. Daniel21 Dec 88
Naval Cadet ..William H. D. Boyle..21 Dec 88
Frederic G. Brine ..21 Dec 88
John G. de O. Coke..21 Dec 88
B. A. Austen.
W. M. Clive.
J. W. L. McClintock.
C. D. S. Raikes.
B. H. Smith.
F. C. Tiarks.

ClerkMontague A. Penfold 15 Nov 88
Assist. Clerk.....Owen L. Penfold25 May 89
Walter J. Bell19 Feb 89
Commissioned at Chatham, 15th Sept. 1883.

**336 NARCISSUS, 12. Twin
Screw Cruiser, 1st Class.
Armoured.**

5600 Tons. 8500 H.P.

CaptainGerard H. U. Noel.
CommanderReginald R. Neeld.
(*In lieu of a Lieutenant*).
Lieutenant(**N**) Francis S. Ommanney.
Hon. Henry A. S. Stanhope.
Richard P. Fitzgerald.
John F. Parry.
(**G**) Arthur H. Christian (*lent*).
Capt. Mar.Archibald G. Cochran.
Staff Surg.Henry J. Madders, M.D.
PaymasterWilliam J. Hubbard.
Chief Eng.Isaac E. Hurst.
Sub-Lieut.William R. Willis (*act*).
SurgeonWalter J. Bearblock (*lent*).
Assist. Paym. ..Charles F. Pollard.
EngineerGeorge L. R. Perkins.
Frederick P. Smith (*lent*).
David Peneock (*lent*).
Assist. Eng.....Richard Bryan (*proby*) (*lent*.)

394 RACCOON, 6. *Twin Screw* *Cruiser, 3rd Class.*

1770 Tons. 4500 H.P.

Commander.....George F. King Hall.
Lieutenant(T) Evelyn R. Le Marchant.
Robert B. Abby (lent).
Hugh T. Hibbert.
Chief Eng.William S. Stribling.
Sub-Lieut.Octavius H. Daniel (act) (lent).
Surgeon.....William M. Lory.
(In lieu of a Staff Surgeon) (lent).
Asst. Paym. { John Riches (lent).
in Charge.
EngineerPhillip Marrack (lent).
Asst. Eng.Alfred Hills.
Gunner(T) Edwin Southard.

Commissioned at Devonport, 18th July 1889.

403 RATTLESNAKE, 1. *Twin* *Screw Gun-Boat, 1st Class.*

550 Tons. 2700 H.P.

Portsmouth.

(Tender to 'Vernon'.)

Lieutenant } (T) Thomas F. W.
and Com. } Ingram.....20 Sept 87
Lieutenant(T) Francis S. Miller 13 Sept 88
Sub-Lieut.Cecil J. Learmonth (act)
(lent)18 July 89
Chief Engineer Thomas H. Hydo.....13 Apr 88
SurgeonBassett E. F. Gunn. 20 Nov 88
Gunner

417 RODNEY, 10. *Twin Screw* *Battle Ship, 1st Class. Armoured.*

10,300 Tons. 11,500 H.P.

Flag Ship of the Second in Command of
"A" Fleet.

Rear-Admiral..Richard E. Tracey...23 July 89
Flag-Lieut.Sir Charles L. Cust. Bart.
23 July 89
SecretaryJames Bramble23 July 89
Clerk to Sec. ..Edward H. Eldred ..23 July 89

Captain.....Arthur K. Wilson, O.C., C.B.
(lent).

Commander....Charles A. Forlong.
Lieutenant(T) Charles E. Gladstone.
(G) Thomas B. S. Adair (lent).
Dayrell Davis (lent).
John J. Graham.
Francis Bowden-Smith.
Lord Francis G. G. Osborne.

Staff Com.Henry S. Penn.

Major Mar.Herbert St. G. Schomberg.

Chaplain and } Rev.

Fleet Surg.Edward W. Doyle (lent).

Fleet Paym.Charles W. Cole.
Fleet Engineer...William J. Hancock.
Sub-Lieut.Francis M. Leake (act) (lent).
Sub-Lieut. R.N.R. Francis M. R. Carter (act)
12 July 89

Surgeon.....George Wilson, M.B. (lent).
Asst. Paym. ...Arthur W. Morrell (lent).
EngineerAlfred Hart.

Assist. Eng.Lewis E. Thumwood (lent).
Robert S. Jennings.
Frederick C. Davis (lent).
Charles F. Jordan (proby).
Sydney Rider (proby) (lent).
Alfred Whitmarsh (proby) (lent).

GunnerThomas Kirby.
(T) John T. Smith (lent).
Robert Brooking (lent).
Daniel Sullivan (lent).

BoatswainAlfred Payne.
Thomas Cunningham (lent).
William H. Pount (lent).
Frank Wheeler (lent).

CarpenterMartin H. Rickard.
Midshipman ...Hon. Edward S. H. Boyle (lent).
William H. Gordon.
Herbert W. James.
Horatio W. Colomb.
Ion P. Barton.

Commissioned at Chatham, 11th July 1889.

427 RUBY, 12. *Screw Cruiser.* *3rd Class.*

2120 Tons. 1830 H.P.

Training Squadron.

Captain.....Reginald F. H. Henderson
7 Nov 88
Lieutenant....Henry B. Anson.15 Nov 88
(T) Louis F. C. Jackson 27 Apr 88
Aubrey W. Howe....11 Sept 88
George W. Smith....13 Nov 88
Harold C. Seroggs....1 Nov 88

Chaplain and } Rev. Henry Backwell, MA
Naval Instr. } 6 Nov 88

Staff Surg.Evelyn R. H. Pollard 22 May 89
Staff Paym.Charles Walker.....17 Oct 88
Fleet Eng.William R. McAvoy 22 May 89

Sub-Lieut.Henry Blackett.....8 Nov 88
Assist. Paym.Henry P. White.....22 May 89

Assist. Eng.Frank A. Alden.....4 Sept 88
Gunner.....James S. Clarke.....8 May 89

BoatswainGeorge T. B. Harris.....8 May 89
Carpenter.....Robert Maynard.....6 Nov 88
Midshipman....Arthur J. D. Macaulay 16 Feb 89

Naval Cadet....C. D. Carpendale.
P. Franklin.
I. N. Hamilton.
A. E. Hudson.
W. G. A. Kennedy.
H. Lynes.
G. H. Welch.

Commissioned at Sheerness 22nd May 1889.

(Officers and Crew turned over from the 'Rover'.)

**429 RUPERT, 4. Twin Screw
Battle Ship, 2nd Class.
Armoured.**

5440 Tons. 6000 H.P.

Ship of First Reserve.

(Coast Guard Service.)

Hull.

Captain.....Charles B. Theobald 28 Aug 88

Commander ..William L. H. Browne

LieutenantWalter Hailstone....13 Nov 87

(G) William P. Shakespear

18 May 89

James G. Bremer .. 5 May 89

Allan H. Ozzard12 July 89

Staff Com.....Charles B. Clark 8 Feb 86

Staff Surg.Alfred T. Corrie27 Aug 88

Staff Paym.....Frederic R.G. Wright 9 Oct 88

Staff Eng.....John L. Stevenson .. 3 Mar 88

Sub-Lieut. R.N.R. Guy R. A. Gaunt.....12 July 89

EngineerEdwin W. Cudlip .. 7 Feb 87

Assist. Eng.....Herbert J. Leader ..31 Aug 88

James Hird (probly) (lent.)

GunnerJames B. Manners ..20 Aug 88

John Browning (act).....12 May 89

BoatswainGeorge Yeats.....18 Apr 88

William Trenaman.....13 Nov 87

CarpenterSamuel J. Horner .. 2 Nov 86

ClerkWilliam J. L. Scriven 27 Nov 88

Thompson H. Millett 12 Apr 89

The following Officers are borne additional for various Services:—

Fleet Paym.....Thomas Clayton 1 Jan 88

(For service on shore).

Gunner.....Francis R. Boland ..24 Aug 87

(For 'Nimble')

Re-commissioned at Portsmouth, 27th August 1885, to replace the 'Repulse.'

**434 SANDELY, 1. Twin Screw
Gun-Boat, 1st Class.**

525 Tons. 3000 H.P.

Lieut. and } (T) Frederick T. Hamilton

Commander } (lent.)

Lieutenant(N) Edmund H. Davenport.

Chief Eng.....Thomas Rule.

Sub-Lieut.Charles G. Johnson (act) (lent.).

SurgeonAlexander G. Willey (lent.).

Commissioned at Devonport, 18th July 1889.

**446 SERPENT, 6. Twin Screw
Cruiser, 3rd Class.**

1770 Tons. 4500 H.P.

Commander....Francis Powell.

LieutenantJames Knowles (lent.)

(N) Charles A. Buckland.

Charles L. Vaughan-Lee (lent.)

Chief Eng.....Richard Hurris.

Sub-Lieut.....Frederic W. Dean (act) (lent.).

SurgeonGeorge Bate.

(In lieu of a Staff Surgeon) (lent.).

Assist. Paym. } Walter H. J. Pym (lent.)

in charge .. }

EngineerWilliam J. Hender.

Assist. Eng.....George H. Morris (lent.).

Gunner.....(T) Frank Holsgrove.

Commissioned at Devonport, 18th July 1889.

**450 SHANNON, 9. Screw
Cruiser, 1st Class. Armoured.**

5390 Tons. 3370 H.P.

(Ship of First Reserve.)

Coast Guard Service.

Bantry.

Captain.....Arthur E. Dupuis ..14 Feb 89.

Commander ..Reginald A. Brock .. 5 Oct 87

Lieutenant(N) Saumarez D. Lacy

20 May 89

Edward H. Currey ..13 May 89

(G) Cresswell J. Eyres

21 Feb 89

Percy D. M. Henderson

13 May 89

Charles F. Henderson 3 July 89

Henry E. Kellett ..12 July 89

Capt. Mar.Henry C. T. Kelly ..30 Oct 88

Lieut. Mar. Art. Humphrey Oldfield 12 June 89

Lieut. Mar.Frederick R. Godfrey 2 Oct 88

ChaplainRev. Joseph W. Longrigg, MA.

1 Sept 88

Staff Surg.William P. M. Boyle 15 Nov 87

Staff Paym.Archibald Court24 July 89

Fleet Eng.....Charles Platt..... 7 Nov 88

Surgeon.....Paul W. Fraser.....15 Dec 88

Assist. Paym.Charles S. Moore (lent.)

EngineerJames Maling 28 Nov 87

Assist. Eng.....John A. Richards .. 1 Feb 88

Charles Stevens (probly) (lent.)

Gunner.....Richard Skuse1 Oct 88

BoatswainEdward Burgess 7 Dec 88

Thomas Haden11 Oct 87

Frederick W. S. Crocker

CarpenterEdward Percy10 Oct 88

Office borne for Service on shore.

Fleet Paym.....John Kiddle 1 Oct 88

Re-commissioned at Devonport, 6th August 1885

**451. SHARPSHOOTER, 2. Twin
Screw Gun-Boat 1st Class.**

735 Tons. 4500 H.P.

Will be commissioned and take part in the Manœuvres, if ready.

Lieut. & Com....(T) Hon. Alexander E. Bethell

(lent.)

Lieutenant(N) Sackville H. Carden.

Chief Eng.....William H. Michell.

Sub-Lieut.....Aylmer C. L. Cameron.

Surgeon.....Edgar R. Dimsey (lent.).

Assist. Eng.....Robert B. Ayres.

455 SLANEY, 3. *Twin Screw Gun-Boat, 3rd Class. Coast Defence.*

363 Tons. 370 H.P.

Lieut. & Com.... Harry D. Law.
Sub-Lieut...... Thomas L. Shelford (act) (lent).
Surgeon..... John Jenkins (lent).
Boatswain (N) Robert G. Parrott (lent).
Gunner..... Henry Downes (act).

Commissioned at Chatham, 18 July 1889.

463 SPEY, 3. *Twin Screw Gun-Boat, 3rd Class. Coast Defence.*

363 Tons. 410 H.P.

Lieut. & Com.... Cecil F. Foley.
Sub-Lieut...... Henry W. Grant (act) (lent).
Surgeon..... William G. Stott, M.A., M.B. (lent).
Gunner..... William Carr.
 (N) John S. Rice (lent).

Commissioned at Portsmouth, 18 July 1889.

465 SPIDER, 1. *Twin Screw Gun-Boat, 1st Class.*

525 Tons. 3000 H.P.

Lieut. & Com.... (T) Douglas A. Gathble.
Lieutenant (N) Norman B. Youel.
Sub-Lieut...... James C. Ley (act) (lent).
Surgeon..... Hugh St. D. Griffiths (lent).
Engineer..... Charles E. Stewart (b).
 (In lieu of a Chief Engineer).

Commissioned at Devonport, 18th July 1889.

482 TARTAR, 6. *Twin Screw Cruiser, 3rd Class.*

1770 Tons. 3500 H.P.

Commander.... George N. A. Pollard.
Lieutenant Robert H. J. Stewart.
 (N) Walter O. Thurburn.
 Douglas H. L. Nicholson.
Chief Eng...... Edward Jackson
Sub-Lieut...... Henry W. Simms (act) (lent).
Surgeon Herbert Cantor (lent).
 (In lieu of a Staff Surgeon).

Assist. Paym. } Edgar V. Sharpe.
in charge. }
Engineer Benjamin J. Watkins.
Assist. Eng. Albert J. Carnt (lent).
 Charles S. Russell (prob) (lent).
Gunner (T) John Edwards.

Commissioned at Sheerness, 18th July 1889.

484 TEES, 3. *Twin Screw Gun-Boat, 3rd Class. Coast Defence.*

362 Tons. 320 H.P.

Lieut. & Com.... John W. Brown.
Sub-Lieut...... Philip S. Watson (act), (lent).
Surgeon..... Robert F. Bowle (lent).
Gunner..... Joseph W. de Matoso
Boatswain (N) James B. Ahern (lent).

Commissioned at Portsmouth, 18th July 1889.

492 THAMES, 12. *Twin Screw Cruiser, 2nd Class.*

4050 Tons. 5700 H.P.

Captain..... John C. Burnell.
Commander.... Charles G. W. Aylen.
 (In lieu of a Lieutenant.)
Lieutenant William G. White.
 (N) Edward P. Smythies.
 Ralph F. A. Smith.
 (G) Charles Stirling (lent).
 Richard M. Harbord (lent).
Lieut. Mar. Bertram C. Couchman.
Staff Surgeon .. Michael J. McCarthy, M.D.
Staff Eng...... John A. Lemon.
Sub-Lieut. Herbert E. H. A'Court (act), (lent).
Assist. Paym. } Andrew Hume (lent).
in charge }
Engineer Edward A. E. Crowley.
Assist.-Eng. .. William W. Pearce.
 Francis W. R. Jose (prob) (lent).
Gunner Samuel Helen,
Boatswain John C. Cowdrey.
 Henry Butlers (lent).
 James H. Amey (lent).
 George H. Adams (lent).
Carpenter Charles R. Vincent.
Clerk Albert E. B. Hosken.

Commissioned at Devonport, 18th July 1889.

500 TRAVELLER, 4. *Twin Screw Special Service Vessel.*

700 Tons. 1120 H.P.

Lieut. & Com.... George Drury.
Sub-Lieut. (N) Charles D. Mackenzie.
Engineer Edwin Bell (temp).
Gunner Frederick Hamblin.
Boatswain Joseph White.

Commissioned at Portsmouth, 23 July 1889.

501 TRENT, 3. *Twin Screw Gun-Boat, 3rd Class. Coast Defence.*

363 Tons. 380 H.P.

Ident. & Com....George E. Richards.
Sub-Lieut......Alexander Farrington (act),
 (lent).
Surgeon.....Reginald T. A. Levinge (lent).
Gunner.....(N) George Hackney (lent).
Commissioned at Sheerness, 18th July 1889.

506 UNDAUNTED, 12. *Twin Screw Cruiser, 1st Class. Armoured.*

5600 Tons. 8500 H.P.

Captain.....Martin J. Dunlop.
Commander.....Henry D. Barry
 (In lieu of a Lieutenant).
Lieutenant....(G) Hugh P. Williams (lent).
 Hon. Francis C. B. Addington
 (lent).
 Patrick M. Stewart (lent).
 Graham S. P. Gwynn (lent).

Staff Com......James F. Foot.
Capt. Mar......John H. Plumb.
Chaplain.....Rev. Matthew R. S. Onslow,
 M.A.
Staff Surgeon..Francis R. M. Loftie.
Staff Paym....Charles Farwell.
Staff Eng......Edward Norrington.
Sub-Lieut......Warren H. D'Oyly (act), (lent).
Surgeon.....Edward H. McSherry, M.D.
 (lent).
Assist. Paym....Alfred W. Claxton.
Engineer.....Edwin C. Carnit.
Assist. Eng.....Alexander Baker.
 Charles W. J. Bearblock (lent).
 Henry F. Davis (probly) (lent).
Gunner.....Charles G. Crabb.
Boatswain....John R. Broadhurst.
 George Trevelthan (lent).
Carpenter....Edward H. G. Rosevere.
Midshipman...Arthur R. Hulbert (lent).
 Llewellyn D. Crichton.
 James U. Yonge.
 Robert N. Lawson (lent).
 Herbert Rogers (lent).

Commissioned at Devonport, 18th July 1889.

526 VOLAGE, 12... *Screw Cruiser, 2nd Class.*

3080 Tons. 4530 H.P.

Training Squadron.

Captain.....William A. D. Acland
 18 July 89
Lieutenant....Frederick G. Stopford 14 Oct 89
 (N) James Cuddy ..30 June 88
 Godfrey Gore-Browne
 1 May 88
 Robert J. Prendorgast
 11 Sept 88
 Edward W. E. Wemyss
 10 Sept 88
Chaplain and } Rev. James H. Moriarty
Nav. Ins. ...} 28 May 89

Staff Surg.....Arthur W. Russell .. 8 Sept 88
Staff Paym.....Edward T. Dixon ..17 Oct 88
Fleet Eng.....Samuel L. Bird14 Nov 87
Sub-Lieut.....George F. E. Nugent 20 Aug 88
Surgeon.....James J. Walsh, M.D. 20 Aug 87
Assist. Paym....Herbert Bligh-Hill. 18 Nov 87
Assist. Eng.....Percy F. Faulkner 4 Sept 88
 Francis W. David19 Apr 88
Gunner.....John G. Dolaney 3 Nov 87
Boatswain....Jesse Wells 7 May 89
Carpenter....William Keohane 2 June 87
Midshipman..Arnold Kirke16 May 88
 Alan W. B. Smith14 Nov 88
 Herbert J. T. Marshall

George A. Kirk..... 6 Nov 88
 Edmund S. Chapman 16 Feb 89
 Oscar V. de Satgé ..16 Feb 89
 Robert Sterling.....20 May 89
 Percy M. Bladore.....16 Feb 89

Naval Cadet ..C. G. R. Brandon.
 G. G. Codrington.
 C. E. Pilkington.
 P. H. H. Thompson.
Commissioned at Portsmouth, 21st September
 1885.

533 WARSPITE, 10 *Twin Screw Cruiser, 1st Class. Armoured.*

8400 Tons. 10,000 H.P.

(Chatham.)

Captain.....Harry H. Rawson, C.B.
Commander....William Des V. Hamilton.
Lieutenant....Robert H. Stewart.
 (G) Joseph Honner.
 (T) Walter Carey (lent).
 Herbert L. Messum.
 Hon. Robert F. Boyle (lent).
Staff Com.....Clifford Bayden.
Captain Mar...Frederick C. O. Johnson.
Chaplain.....Rev. William C. Bourchier, M.A.
Fleet Surg.....William Graham (lent).
Fleet Paym.....William H. Bowen.
Fleet Eng.....John R. Harvey.
Sub-Lieut.....Compton C. Domville.
Sub-Lieut. R.N.R. John Biddlecombe (act)
 13 July 89
Surgeon.....John C. Ferguson, B.A., M.B.
 (act).
Assist. Paym...Howard Cleveland (lent).
Engineer.....John W. Agnew.
 Joseph H. Pill (lent).
Assist. Eng.....Percy D. Martell.
 William P. Edwards (lent).
 George H. Fryer (probly) (lent).
 Arthur W. Bolton (probly) (lent).
Gunner.....John Swanson.
 William H. Loveless (lent).
Boatswain....John Robbins (lent).
 Walter Bracey, (lent).
Carpenter.....William Westlake.
Midshipman..David Bently.
 Godfrey Tuke.
 Edward L. Booty.
 Reginald W. Kiddle.
Commissioned at Chatham, 13th July 1889.

Lieut. & Com...Hon. Stanley C. J. Colville.
Sub-Lieut. ... Arthur R. Raby (act) (lent).
GunnerRichard J. Outlin (lent).

TORPEDO BOAT No. 57.

Lieut. & Com... Herbert Orpen (*lent*).
Sub-Lieut. Charles E. Le Mesurier (*act*)
 (*lent*).
Gunner Stephen Hopes (*lent*).

TORPEDO BOAT No. 58.

Lieut. & Com... Cecil E. E. Carey (*lent*).
Sub-Lieut. Benjamin S. Guinness (*act*)
 (*lent*).
Gunner Henry E. Kent (*lent*).

TORPEDO BOAT No. 59.

Lieut. & Com... (T) Robert K. Arbuthnot (*lent*).
Sub-Lieut. Hugh R. Tilly (*act*) (*lent*).
Gunner William S. Weeks (*lent*).

TORPEDO BOAT No. 60.

Lieut. & Com... (T) Dudley R. de Chair (*lent*).
Sub-Lieut. Alexander A. Gordon (*act*)
 (*lent*).
Gunner Charles E. Hutchins (*lent*).

TORPEDO BOAT No. 63.

Boatw. in Com... Joseph Sanders (*lent*).
Gunner William Simpson (*lent*).
 Cornelius Francis (*act*) (*lent*).

TORPEDO BOAT No. 64.

Lieut. & Com... Arthur H. Limpus (*lent*).
Sub-Lieut. George M. K. Fair (*act*) (*lent*).
Gunner Charles F. Lethbridge (*lent*).

TORPEDO BOAT No. 65.

Lieut. & Com... Alfred D. Douglas-Hamilton.
Sub-Lieut. Edward H. F. Heaton-Ellis
 (*act*) (*lent*).
Gunner Henry C. Rennison (*lent*).

TORPEDO BOAT No. 66.

Lieut. & Com... Sydney R. Fremantle.
Sub-Lieut. Robert W. Glennie (*act*) (*lent*).
Boatwain George Kedge (*act*) (*lent*).

TORPEDO BOAT No. 67.

Lieut. & Com... Ernest C. Hogg (*lent*).
Sub-Lieut. Ernest E. D. Clarke (*act*) (*lent*).
Gunner Samuel T. Marchant (*lent*).

TORPEDO BOAT No. 68.

Lieut. & Com... Claude W. M. Plenderleath.
Sub-Lieut. Robert D. Jeffreys (*act*) (*lent*).
Boatwain (T) John Welsh (*lent*).

TORPEDO BOAT No. 71.

Lieut. & Com... Price V. Lewes.
Sub-Lieut. Vivian H. G. Bernard (*act*) (*lent*).
Boatwain Thomas Johnstone (*lent*).

TORPEDO BOAT No. 72.

Lieut. & Com... (T) Frederick C. D. Sturdee.
Sub-Lieut. William E. Oliver (*act*) (*lent*).

TORPEDO BOAT No. 73.

Lieut. & Com... Henry H. Campbell (*lent*).
Sub-Lieut. Sampson Sladen (*act*) (*lent*).
Gunner Henry P. French (*lent*).

TORPEDO BOAT No. 74.

Lieut. & Com... (T) Ralph Hudleston (*lent*).
Sub-Lieut. Hon. Angus D. Murray (*act*)
 (*lent*).
Boatwain (T) Jeremiah McCarthy (*lent*).

TORPEDO BOAT No. 75.

Lieut. & Com... Harry Jones (*lent*).
Sub-Lieut. Clement Greatorex (*act*) (*lent*).
Gunner Thomas Ready (*lent*).

TORPEDO BOAT No. 76.

Lieut. & Com... William O. Boothby (*lent*).
Sub-Lieut. Frederic G. Bird (*act*) (*lent*).
Gunner Richard Cowle (*lent*).

TORPEDO BOAT No. 77.

Lieut. & Com... Edward F. B. Charlton (*lent*).
Sub-Lieut. Edward Kelly (*act*) (*lent*).
Gunner Thomas W. Martin (*lent*).

30 TORPEDO BOATS AND OFFICERS IN MANOEUVRES

TORPEDO BOAT No. 78.

Lieut. & Com... Somerset A. G. Calthorpe
(*lent*).
Sub-Lieut. Arthur B. F. Dawson (*act*)
(*lent*).
Gunner..... Montague Hine (*lent*).

TORPEDO BOAT No. 79.

Lieut. & Com... H.R.H. Prince George of Wales,
K.G., Ad.C. (*lent*).
Sub-Lieut. Charles F. Thorp (*act*) (*lent*).
Gunner..... (T) Frederick Elliott (*lent*).

TORPEDO BOAT No. 80.

Lieut. & Com...(T) Charles L. Ottley (*lent*).
Sub-Lieut. Guy L. Selater (*act*) (*lent*).
Gunner..... Alfred Turton (*lent*).

TORPEDO BOAT No. 81.

Lieut. & Com...(T) Henry B. Jackson (*lent*).
Sub-Lieut. Arthur H. Tremayne (*act*)
(*lent*).
William R. Hall.
Engineer Hugh R. Hearson (*lent*).
Gunner..... Daniel G. O'Connell (*lent*).



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