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REGISTER

OF THE

COMMISSIONED AND WARRANT OFFICERS

OF THE

NAVY OF THE UNITED STATES

1234-10

AND OF THE

MARINE CORPS

TO

JANUARY 1, 1899.



WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1899.

NOTES.

1. Errors or omissions should be immediately reported to the Bureau of Navigation by the officer concerned.
2. The signal numbers herein shown are to be used as indicated in the Introduction to the Signal Books.

NAVY DEPARTMENT.

SECRETARY OF THE NAVY,

Honorable JOHN D. LONG.

Honorable CHARLES H. ALLEN *Assistant Secretary of the Navy.*
Benjamin F. Peters Chief Clerk.
Lewis H. Finney, jr. Private Secretary.

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Civil Engineer * MORDECAI T. ENDICOTT, U. S. N. Chief of the Bureau.
William M. Smith Chief Clerk.

BUREAU OF EQUIPMENT.

Commander * ROYAL B. BRADFORD, U. S. N. Chief of the Bureau.
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BUREAU OF NAVIGATION.

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Captain FRANCIS W. DICKINS, U. S. N. Assistant to the Bureau.
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BUREAU OF ORDNANCE.

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Lieutenant THEODORE C. FENTON Assistant to the Bureau.
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Paymaster Henry G. Colby Assistant to the Bureau.
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Charles T. Earle Chief Clerk.

OFFICE OF THE JUDGE-ADVOCATE-GENERAL.

Captain † SAMUEL C. LEMLY, U. S. N. Judge-Advocate-General.
Edwin P. Hanna Chief Clerk.

* With the relative rank of Commodore while holding said office.

† Rank while holding said office.

REAR-ADMIRALS, COMMODORES.

REAR-ADMIRALS, ACTIVE LIST (7).

Number in grade.	Signal No.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present commission.		Total sea service.		Shore or other duty.		Unemployed.	
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms
1		George Dewey	Com'd'g Asiatic Station.....	3 Jan. 98	Mar. 88	0	8	16	6	23	6	4	3
2		Frederick V. McNair	Supt. Naval Academy.....	15 July 98	Jan. 98	0	0	20	9	21	3	3	4
3		John A. Howell.....	Pres. Ex. and Ret. Boards	1 Nov. 98	Oct. 98	0	2	16	10	25	11	1	6
4		William T. Sampson.....	Com'd'g North Atlantic Station.....	16 June 97	June 92	0	5	14	1	26	0	1	2
5		Winfield S. Schley.....	Waiting orders	20 Nov. 98	Nov. 98	0	3	16	10	24	7	0	10
6		Henry L. Howison.....	Com'd't Navy-yard, Boston.....	5 May 97	Mar. 97	0	0	14	10	28	5	1	0
7		Albert Kautz *	Com'd'g Pacific Station.....	15 Oct. 98	Apr. 92	0	3	15	5	22	6	6	5

COMMODORES, ACTIVE LIST (10).

8		George C. Remy	Com'd't Navy-yard, Portsmouth.....	29 Aug. 98	Aug. 98	0	4	17	2	21	5	4	8
9		Norman H. Farquhar.....	Com'd't Navy-Yard, Norfolk.....	1 June 97	Dec. 96	0	0	16	7	25	10	1	10
10		John C. Watson	Com'd't Navy-y'd, Mare Island.....	8 Oct. 98	Sept. 98	0	5	16	10	21	2	4	3
11		John W. Philip	Ordered to Com'd Navy-y'd, N. Y.	23 Dec. 98	Dec. 98	0	5	21	0	16	3	†	5
5		Henry B. Robeson	Waiting orders	10 Mar. 98	May 91	0	0	16	1	21	5	4	9
13		Silas Casey	Com'd't Navy-yard, League I'd.....	13 Jan. 98	Dec. 97	0	0	16	8	22	6	3	1
14		Bartlett J. Cromwell.....	Com'd't Naval Station, Havana	19 Dec. 98	Sept. 95	0	0	15	9	22	4	3	2
15		Francis J. Higginson.....	Chairman Light-House Board.....	28 Sept. 98	Sept. 98	0	1	19	8	16	5	5	2
16		Henry F. Picking	Waiting orders	3 Dec. 98	Feb. 94	0	0	16	1	22	3	1	11
10		Frederick Rodgers *	Pres. B'd Insp. and Survey.....	5 Oct. 98	Oct. 98	0	0	19	2	18	10	3	4

* Subject to confirmation by Senate.

† Includes 2 years in command of mail steamer.

REAR-ADMIRALS; ACTIVE LIST (7).

Number in grade.	Appointed from—	Entry and promotions.								
		Date of entry.	Passed Midshipman.	Master.	Lieutenant.	Lieut. Com'der.	Com-mander.	Captain.	Com-modore.	Rear-Admiral.
5	Vt.....	23 Sept.54	19 Jan. 61	23 Feb. 61	19 Apr. 61	3 Mar. 65	13 Apr. 72	27 Sept.84	28 Feb. 96	11 May 98
	Pa.....	21 Sept.53	25 June 60	24 Oct. 60	18 Apr. 61	20 Apr. 64	29 Jan. 72	30 Oct. 83	10 May 95	3 July 98
	N. Y.....	27 Sept.54	19 Jan. 61	23 Feb. 61	.....do.....	3 Mar. 65	6 Mar. 72	1 Mar. 84	21 May 95	10 Aug. 98
	N. Y.....	24 Sept. 57	.....	.....	16 July 62	25 July 66	9 Aug. 74	26 Mar. 89	3 July 98	10 Aug. 98
	Md.....	20 Sept. 56	.....	31 Aug. 61	16 July 62	25 July 66	10 June 74	31 Mar. 88	6 Feb. 98	10 Aug. 98
	Ind.....	26 Sept.54	19 Jan. 61	23 Feb. 61	19 Apr. 61	3 Mar. 65	19 Aug. 72	2 Mar. 85	21 Mar. 97	22 Nov. 98
	Ohio.....	28 Sept.54	.....do.....	.....do.....	21 Apr. 61	31 May 65	3 Sept. 72	2 June 85	6 Apr. 97	25 Dec. 98

COMMODORES, ACTIVE LIST (10).

5	Iowa.....	20 Sept.55	.....	.....	31 Aug. 61	25 June 65	25 Nov. 72	30 Oct. 85	19 June 97	.....
	Pa.....	27 Sept.54	.....	.....	.....do.....	5 Aug. 65	12 Dec. 72	4 Mar. 86	21 July 97	.....
	Ky.....	29 Sept.56	.....	31 Aug. 61	16 July 62	25 July 66	23 Jan. 74	6 Mar. 87	7 Nov. 97	.....
	N. Y.....	20 Sept. 56	.....	.....	.....do.....	.....do.....	18 Dec. 74	31 Mar. 89	10 Aug. 98	.....
	Conn.....	25 Sept. 56	.....	31 Aug. 61	.....do.....	.....do.....	12 Feb. 74	25 Aug. 87	1 Feb. 98	.....
	N. Y.....	25 Sept. 56	.....	.....do.....	.....do.....	.....do.....	14 June 74	12 Feb. 89	11 May 98	.....
	Nebr.....	21 Sept. 57	.....	.....	.....do.....	.....do.....	24 Oct. 74	26 Mar. 89	10 Aug. 98	.....
	Mass.....	21 Sept. 57	.....	.....	1 Aug. 62	.....do.....	10 June 76	27 Sept. 91	.....do.....	.....
10	Pa.....	28 Sept. 57	.....	.....	16 July 62	.....do.....	25 Jan. 75	4 Aug. 89	22 Nov. 98	.....
	Md.....	25 Sept. 57	.....	.....	.....do.....	.....do.....	4 Feb. 75	28 Feb. 90	25 Dec. 98	.....

CAPTAINS.

CAPTAINS, ACTIVE LIST (45).

Grade.	Signal No.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present commission.		Total sea service.	Shore or other duty.		Unemployed.		
						Ys	Ms		Ys	Ms	Ys	Ms	Ys	Ms
	18	Louis Kempff.....	Com'd'g R. S. Independence.....	17 Oct. 96	Feb. 95	2	0	15	10	22	6	2	11
	19	George W. Sumner.....	Captain, Navy-yard, New York.....	20 July 97	June 97	2	11	17	9	19	2	3	4
	20	Benjamin F. Day.....	Member Examining Board.....	11 Jan. 97	Feb. 96	2	4	17	8	15	1	7	6
	21	Alex. H. McCormick.....	Com'd't Navy-yard, Washington.....	17 Oct. 98	Mar. 98	2	3	15	1	22	3	1	11
5	22	Albert S. Barker.....	Commanding Oregon.....	21 May 98	Jan. 98	3	6	19	9	15	4	4	1
	23	Charles S. Cotton.....	Captain, Navy-yard, Mare Island.....	3 Oct. 98	Sept. 98	3	5	17	7	19	10	2	10
	24	Robley D. Evans.....	Member Board Insp'n and Survey.....	5 Oct. 98	Sept. 98	2	9	16	0	18	6	3	9
	25	Silas W. Terry.....	Commanding Iowa.....	24 Sept. 98	May 95	2	4	15	6	21	3	6	6
10	26	Merrill Miller.....	Com'd'g Rec'g-ship Vermont.....	16 Mar. 97	Jan. 97	2	9	15	2	19	8	4	3
	27	John J. Read.....	Com'd'g Rec'g-ship Richmond.....	16 Apr. 98	July 97	2	6	21	11	13	8	4	8
	28	Henry C. Taylor.....	Commanding Indiana.....	4 Jan. 97	May 91	2	0	16	9	15	11	5	7
	29	Mortimer L. Johnson.....	Captain, Navy-yard, Boston.....	18 Oct. 98	Oct. 98	2	9	17	10	14	3	7	0
	30	Edwin M. Shepard.....	Light-House Inspr., 3d Dist.....	18 Apr. 98	July 97	2	8	20	5	15	10	2	11
	31	Frank Wildes.....	Waiting orders.....	24 Dec. 98	Nov. 98	3	0	17	1	16	9	4	5
15	32	Henry Glass.....	Returning from Charleston.....	— Dec. 98	Dec. 98	2	10	17	7	15	7	5	2
	33	Phillip H. Cooper.....	Commanding Chicago.....	1 Dec. 98	Nov. 94	0	5	12	9	17	9	7	9
	34	George H. Wadleigh.....	Commanding Rec'g-ship Washab.....	2 Dec. 98	Oct. 97	2	9	17	5	17	7	3	3
	35	A. S. Crowninshield *.....	Chief of Bureau of Navigation.....	8 Apr. 97	Apr. 97	1	7	17	11	16	11	3	5
	36	James H. Sands.....	Governor Naval Home.....	30 Aug. 98	Aug. 98	3	0	16	6	15	4	7	4
20	37	Yates Stirling.....	Member Light-House Board.....	31 Mar. 98	Dec. 97	2	7	14	8	14	11	8	8
	38	Francis A. Cook.....	Commanding Brooklyn.....	1 Dec. 96	Oct. 89	2	1	16	8	20	4	1	3
	39	Charles E. Clark.....	Waiting orders.....	1 Nov. 98	Aug. 98	1	10	16	4	19	0	2	11
	40	William C. Wise.....	Com'd'g Rec'g-ship Franklin.....	10 Sept. 98	Sept. 98	2	10	18	3	16	5	3	7
	41	Joseph B. Coghlan.....	Commanding Raleigh.....	28 Mar. 97	Feb. 90	1	9	15	5	14	10	8	0
25	42	Purnell F. Harrington.....	Captain, Navy-yard, Portsmouth.....	3 Nov. 98	June 98	2	2	17	2	16	11	3	2
	43	Nicoll Ludlow.....	Commanding Massachusetts.....	8 July 97	Sept. 96	2	1	18	9	14	5	6	0
	44	Charles D. Sigsbee.....	Commanding Texas.....	10 Apr. 97	May 93	1	8	18	2	20	7	0	6
	45	Nehemiah M. Dyer.....	Commanding Baltimore.....	31 Aug. 97	May 90	1	4	15	10	17	8	3	3
	46	Colby M. Chester.....	Commanding Cincinnati.....	31 May 97	Mar. 97	1	11	19	1	18	6	1	6
30	47	Charles J. Barclay.....	Commanding Amphitrite.....	6 Jan. 97	Mar. 94	2	0	17	6	13	6	7	3
	48	French E. Chadwick.....	Commanding New York.....	4 Dec. 97	July 91	1	1	13	8	21	4	2	3
	49	Benj. P. Lambertson.....	Commanding Olympia.....	22 Apr. 98	Nov. 91	0	8	15	5	18	11	2	11
	50	Richard P. Leary.....	Insp. duty under Bu. Equipment.....	11 Nov. 98	Oct. 98	1	0	14	0	13	4	10	10
	51	William H. Whiting.....	Commanding Charleston.....	22 June 97	Oct. 93	1	6	17	4	15	9	5	3
35	52	Charles O'Neill *.....	Chief of Bureau of Ordnance.....	1 June 97	Mar. 96	0	0	16	5	21	3	2	1
	53	Caspar F. Goodrich.....	Commanding Newark.....	24 Apr. 98	Dec. 94	0	8	16	3	16	5	4	4
	54	Bowman H. McCalla.....	Captain, Navy-yard, Norfolk.....	26 Oct. 98	Oct. 98	0	2	15	7	18	2	5	4
	55	Theodore F. Jewell.....	Commanding Minneapolis †.....	15 Mar. 98	Mar. 97	0	10	14	11	21	1	1	1
	56	William M. Folger.....	Commanding New Orleans.....	18 Apr. 98	Oct. 95	0	8	15	0	18	0	4	3
40	57	John Schouler.....	Bureau of Navigation.....	12 May 97	May 97	0	0	14	3	18	4	4	8
	58	Francis W. Dickins.....	Asst. to Bureau of Navigation.....	17 Dec. 96	July 94	0	0	15	2	13	11	8	2
	59	George F. F. Wilde.....	Commanding Boston.....	10 Mar. 98	Oct. 89	0	5	14	1	19	4	3	8
	60	Charles H. Davis.....	Supt. Naval Observatory.....	1 Nov. 98	Sept. 98	0	2	15	11	19	6	1	8
	61	Charles J. Train.....	Commanding Puritan.....	19 Apr. 98	Mar. 94	0	1	15	8	20	3	1	2
45	62	Edwin White †.....	Commanding Philadelphia.....	22 Sept. 98	June 93	0	0	16	8	16	5	4	0

* With relative rank of Commodore.
† Also in charge of vessels in reserve.

‡ Subject to confirmation by Senate.
a Includes service in Volunteer Navy.

CAPTAINS, ACTIVE LIST (45).

Number in grade.	Appointed from—	Entry and promotions.							
		Date of entry.	Acting Ensign. (a)	Ensign.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.	Captain.
5	Illinois	25 Sept. 57				1 Aug. 62	25 July 66	9 Mar. 76	19 May 91
	Kentucky	20 Sept. 58				do	do	13 June 76	2 Oct. 91
	Ohio	do				do	do	8 Aug. 76	5 Nov. 91
	Texas	21 Sept. 59		22 Dec. 62		22 Feb. 64	do	30 Sept. 76	3 Apr. 92
	Massachusetts	25 Oct. 59		25 Nov. 62		do	do	28 Mar. 77	5 May 92
10	Wisconsin	23 Sept. 58		11 Nov. 62		do	do	25 Apr. 77	28 May 92
	Utah	20 Sept. 60	1 Oct. 63		10 May 66	25 July 66	12 Mar. 68	12 July 78	27 June 93
	Kentucky	28 Sept. 58		16 Sept. 62		22 Feb. 64	25 July 66	11 July 77	9 Jan. 93
	Ohio	28 Nov. 59		13 Oct. 62		do	do	25 Nov. 77	25 Feb. 93
	New Jersey	21 Sept. 58		25 Nov. 62		do	do	11 Dec. 77	27 Apr. 93
15	Ohio	20 Sept. 60		28 May 63	10 Nov. 65	10 Nov. 66	12 Mar. 68	16 Dec. 79	16 Apr. 94
	Massachusetts	29 Nov. 59		16 Sept. 62		22 Feb. 64	25 July 66	26 Apr. 78	9 May 93
	New York	25 Nov. 59		25 Nov. 62		do	do	9 May 78	15 May 93
	Massachusetts	21 Sept. 60		28 May 63	10 Nov. 65	10 Nov. 66	12 Mar. 68	1 Apr. 80	31 July 94
	Illinois	24 Sept. 60		do	do	do	do	27 Oct. 79	23 Jan. 94
20	New York	28 Sept. 60		do	do	do	do	1 Nov. 79	21 Apr. 94
	New Hampshire	27 Sept. 60		do	do	do	do	13 Mar. 80	10 July 94
	New York	21 Sept. 60		do	do	do	do	25 Mar. 80	21 July 94
	Maryland	25 Nov. 59		do	do	do	do	23 Nov. 80	7 Sept. 94
	Maryland	27 Sept. 60		do	do	do	do	26 Nov. 80	16 Sept. 94
25	Massachusetts	20 Sept. 60	1 Oct. 63		10 May 66	21 Feb. 67	do	12 Oct. 81	28 Feb. 96
	Vermont	29 Sept. 60	do		do	do	do	15 Nov. 81	21 June 96
	Kentucky	29 Sept. 60	do		do	do	do	24 Feb. 81	11 Nov. 94
	Illinois	27 Sept. 60	28 May 63		10 Nov. 65	10 Nov. 66	do	4 Feb. 82	18 Nov. 96
	Delaware	20 Sept. 61	1 Oct. 63		10 May 66	21 Feb. 67	do	28 May 81	1 Mar. 95
30	New York	28 Oct. 59	do		do	do	do	1 Oct. 81	21 May 95
	New York	27 Sept. 59	do		do	do	do	11 May 82	21 Mar. 97
	Massachusetts	64 Apr. 62	20 May 63		do	12 Mar. 68	18 Dec. 68	23 Apr. 83	13 July 97
	Connecticut	31 Oct. 59	1 Oct. 63		10 May 66	21 Feb. 67	12 Mar. 68	15 Oct. 81	12 June 96
	Pennsylvania	21 Sept. 60	do		do	do	do	25 Nov. 81	1 Oct. 96
35	West Virginia	28 Sept. 61		1 Nov. 66	1 Dec. 66	12 Mar. 68	26 Mar. 69	12 Dec. 84	7 Nov. 97
	Pennsylvania	21 Sept. 61		do	do	do	27 Apr. 69	2 June 85	11 May 98
	Maryland	20 Sept. 60	1 Oct. 63		10 May 66	21 Feb. 67	12 Mar. 68	2 June 82	6 Apr. 97
	Wisconsin	21 Sept. 60	do		do	do	do	2 July 82	19 June 97
	Massachusetts	1 Apr. 62			do	12 Mar. 68	18 Dec. 68	28 July 84	21 July 97
40	Connecticut	10 Dec. 61		1 Nov. 66	1 Dec. 66	do	26 Mar. 69	27 Sept. 84	16 Sept. 97
	New Jersey	30 Nov. 61		do	do	do	26 Mar. 69	3 Nov. 84	10 Aug. 98
	Virginia	29 Nov. 61		do	do	do	26 Mar. 69	26 Jan. 85	1 Feb. 98
	Ohio	21 Sept. 61		do	do	do	27 Apr. 69	1 Mar. 85	6 Feb. 98
	Massachusetts	25 Sept. 61		do	do	do	3 June 69	8 June 85	5 June 98
45	Connecticut	20 Sept. 61		do	do	do	12 June 69	23 Sept. 85	3 July 98
	Massachusetts	30 Nov. 61		do	do	do	26 June 69	2 Oct. 85	10 Aug. 98
	Massachusetts	29 Nov. 61		do	do	do	30 June 69	30 Oct. 85	do
	Massachusetts	28 Nov. 61		do	do	do	30 June 69	17 Jan. 86	22 Nov. 98
	Ohio	29 Nov. 61		do	do	do	15 Sept. 69	4 Mar. 86	25 Dec. 98

a Designation "Acting" discontinued December 21, 1865.

b Acting Ensign 20 May, 1863; Acting Master 12 January, 1864; Acting Volunteer Lieutenant 22 April, 1865.

c Acting Master 1 May, 1862; Acting Volunteer Lieutenant 30 May, 1865.

COMMANDERS, ACTIVE LIST (85).

Number in grade.	Signal No.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present commission		Total sea service.	Shore or other duty.		Unemployed.		
						Ys	Ms		Ys	Ms	Ys	Ms	Ys	Ms
		63 George W. Pigman.....	Insp. Ord., Newport News.....	29 Apr. 97	Jan. 97	3	1	14	10	17	9	4	8
		64 John McGowan.....	Com. Tr. Ship and Sta., Newport.....	15 Dec. 96	Oct. 95	4	2	8	2	216	8	3	0
		65 James G. Green.....	Com'd't Puget Sound Nav. Sta.....	19 June 97	May 97	2	2	6	218	8	14	3	4
5		66 Charles H. Rockwell.....	Com'd't Nav'l Sta., Pt Royal.....	20 July 84	Aug. 91	2	2	6	215	0	215	3	6
		67 James M. Forsyth.....	Treatment, Hosp., Philadelphia.....	6 Oct. 98	Mar. 92	2	5	217	8	216	6	3	1
		68 George A. Converse.....	Commanding Montgomery.....	23 July 97	July 91	2	6	11	5	20	8	5	0
		69 Royal B. Bradford *.....	Chief Bureau of Equipment.....	18 Dec. 97	July 97	3	2	15	9	19	5	1	11
		70 Joseph E. Craig.....	Hydrographer, Bu. Equipment.....	19 Apr. 97	May 96	1	8	15	8	18	10	2	7
10		71 Charles M. Thomas.....	Light-House Insp., 5th dist.....	12 Aug. 98	July 95	2	0	17	5	17	11	1	10
		72 Albert S. Snow.....	Com'd't Nav. Sta., San Juan.....	5 Nov. 98	Oct. 98	2	7	18	5	14	3	4	4
		73 George C. Reiter.....	Light-House Insp., 13th dist.....	4 Oct. 98	Oct. 98	3	8	17	3	14	6	5	7
		74 Willard H. Brownson.....	Leave of absence.....	5 Oct. 98	Sept. 98	2	10	17	6	16	7	3	0
		75 Henry E. Nichols.....	Ordered to Monadnock.....	5 Dec. 98	July 98	2	1	18	4	16	9	2	2
15		76 William W. Mead.....	Commanding Marblehead.....	27 June 98	Apr. 93	1	8	16	6	16	11	3	7
		77 Edwin S. Houston.....	Capt. Navy-yard, League Island.....	3 Jan. 97	Oct. 96	2	1	17	4	14	10	4	7
		78 Edwin Longnecker.....	Ord. Off. Navy-yard, League I'd.....	28 Aug. 95	Dec. 94	2	1	16	4	15	10	5	1
		79 George E. Ide.....	Commanding Yosemite.....	20 Dec. 98	June 95	0	11	15	5	13	2	8	8
		80 George M. Book.....	Commanding Tr. Ship Adams.....	8 May 97	Oct. 93	2	1	13	8	13	11	9	6
20		81 Thomas Perry.....	Commanding Lancaster.....	5 May 98	Dec. 86	2	9	18	4	14	10	4	0
		82 Charles H. Stockton.....	President Naval War College.....	27 Dec. 97	Dec. 97	2	2	18	11	16	7	1	8
		83 Asa Walker.....	Commanding Concord.....	22 May 97	July 93	1	7	16	0	17	9	2	5
		84 Oscar W. Farenholt.....	Returning from Monocacy.....	Dec. 96	Dec. 98	2	2	216	2	216	5	1	10
		85 Edward T. Strong.....	Navy-yard, Portsmouth.....	3 May 98	Mar. 98	3	11	218	10	213	8	3	8
25		86 Robert E. Impey.....	Ord. Off., Norfolk yard.....	5 Oct. 98	Oct. 98	2	7	18	5	10	3	8	7
		87 Eugene W. Watson.....	Commanding Scindia.....	30 Apr. 98	Jan. 97	2	9	217	7	215	10	1	10
		88 John F. Merry.....	Commanding Arethusa.....	30 Apr. 97	Oct. 89	2	5	218	5	213	5	4	5
		89 William C. Gibson.....	Navy-yard, New York.....	5 Oct. 98	Sept. 98	2	0	221	2	219	1	1	9
		90 Washburn Maynard.....	Commanding Nashville.....	19 Aug. 97	Jan. 93	1	4	13	11	21	5	0	11
30		91 Henry W. Lyon.....	Commanding Dolphin.....	24 Mar. 98	Nov. 97	1	6	16	9	17	6	2	0
		92 James H. Dayton.....	Commanding Detroit.....	10 July 97	Mar. 94	1	7	17	6	16	5	2	4
		93 Morris R. S. Mackenzie.....	Commanding Mayflower.....	24 Mar. 98	Mar. 97	1	3	15	11	15	9	4	6
		94 Charles S. Sperry.....	Commanding Yorktown.....	21 Nov. 98	May 93	0	1	16	8	18	1	1	6
		95 Frank Courtie.....	Commanding Tr. Ship Essex.....	24 Aug. 98	Aug. 94	0	4	17	9	15	10	2	8
35		96 William W. Reisinger.....	Com'd't Navy-yard, Pensacola.....	1 June 97	Sept. 96	0	10	16	0	18	0	2	8
		97 William T. Burwell.....	Commanding Wheeling.....	31 May 98	Apr. 96	1	0	18	10	15	10	1	7
		98 John J. Hunker t.....	Commanding Tr. Ship Annapolis.....	20 July 97	Jan. 93	1	5	20	7	11	8	4	6
		99 Franklin Hanford.....	Light-House Insp., 10th Dist.....	5 Jan. 98	Aug. 97	2	1	18	8	13	8	3	8
40		100 Robert M. Berry.....	Commanding Castine.....	8 Dec. 96	Nov. 88	2	1	22	0	11	6	3	5
		101 Samuel W. Very.....	Waiting orders.....	1 Jan. 99	Dec. 98	0	9	16	0	17	6	2	5
		102 Henry N. Manney.....	Naval Home, Philadelphia.....	1 Feb. 98	Jan. 98	2	3	19	1	12	2	6	0
		103 Chapman C. Todd.....	Commanding Wilmington.....	10 May 97	Aug. 91	1	8	16	7	14	11	5	9
		104 Joseph N. Hemphill.....	Commanding Buffalo.....	22 Sept. 98	Oct. 94	0	3	16	7	16	3	3	5
		105 Abraham B. H. Lillie.....	Commanding Tr. Ship Vicksburg.....	23 Oct. 97	May 93	1	2	18	7	15	6	2	1
45		106 William T. Swinburne.....	Commanding Helena.....	7 July 97	Apr. 93	1	6	21	4	10	10	4	2
		107 William H. Emory.....	Member Board Insp. and Survey.....	5 Oct. 98	Sept. 98	1	1	18	5	12	9	5	1
		108 George A. Bicknell.....	Commanding Monocacy.....	16 Apr. 98	Jan. 96	0	7	18	4	13	9	5	0
		109 Charles T. Hutchins.....	Naval Academy.....	25 Aug. 98	June 95	1	2	20	9	14	3	2	0
		110 Seth M. Ackley.....	Sec'y Light-House Board.....	7 Mar. 98	Oct. 95	0	0	19	5	13	2	3	8
50		111 Benjamin F. Tilley.....	Navy-yard, Norfolk.....	3 Oct. 98	Sept. 98	0	11	16	8	16	7	2	1
		112 Harry Knox.....	Naval Academy.....	1 Sept. 96	Aug. 96	0	0	15	7	18	9	1	6
		113 Clifford H. West.....	Commanding Princeton.....	1 May 97	May 93	1	6	16	4	17	2	1	9
		114 John P. Merrell.....	Equip. Off. Navy-yard, New York.....	10 Nov. 98	Oct. 98	0	5	14	9	19	3	1	5
		115 Joseph G. Eaton.....	Commanding Resolute.....	22 Apr. 98	June 93	1	0	17	1	15	6	2	8
		116 Edward P. Wood.....	Returning from Petrel.....	Dec. 98	Dec. 98	1	6	18	5	15	9	1	1
55		117 William I. Moore.....	Commanding Abarenda.....	21 May 98	Mar. 95	0	7	17	0	15	2	4	6
		118 Charles Belknap.....	Commanding Nero.....	15 June 98	Jan. 97	0	8	14	11	18	2	1	4
		119 Fernando P. Gilmore.....	Com'd't Nav. Sta., Key West.....	5 Oct. 98	do	0	1	18	1	13	8	4	2
		120 Eugene H. C. Leutze.....	Commanding Monterey.....	7 Jan. 98	Nov. 92	1	0	19	1	13	10	2	11
60		121 Uriel Sebree.....	Light-House Insp., 12th dist.....	10 Nov. 98	Nov. 98	1	8	18	7	14	0	2	10
		122 Albert R. Conden.....	Insp. of Ord., Proving Ground.....	12 Nov. 96	Oct. 96	0	0	14	7	19	4	1	4
		123 Edwin C. Pendleton.....	Superintendent Gun Factory.....	31 May 97	Sept. 95	0	0	15	5	19	3	0	7
		124 William Swift.....	Ord. Off., Navy-yard, New York.....	20 July 97	Feb. 87	0	0	15	3	14	7	5	5
		125 Henry B. Mansfield.....	Navy-yard, New York.....	6 Sept. 98	Sept. 98	0	3	22	9	11	4	1	9
		126 Frederick M. Symonds.....	Commanding Marietta.....	9 Oct. 96	Nov. 82	1	6	20	8	10	7	5	0
65		127 Walton Goodwin.....	Commanding Southery.....	20 May 98	June 84	0	7	18	0	15	7	2	3
		128 Albert Ross.....	Commanding T. S. Alliance.....	4 Jan. 98	Sept. 92	1	0	13	8	15	2	6	6

a Includes service in Volunteer Navy (civil war).

* With relative rank of Commodore.

t Five months and fifteen days in the Volunteer Army.

COMMANDERS, ACTIVE LIST (85).

Number in grade.	Appointed from—	Entry and promotions.								
		Date of entry.	Acting Masters' Mate.	Acting Ensign. (a)	Ensign.	Acting Master.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.
	Indiana.....	28 Sept. 61			1 Nov. 66		1 Dec. 66	12 Mar. 68	28 Oct. 69	7 Oct. 86
	New Jersey.....		8 Mar. 62			8 May 62	12 Mar. 68	18 Dec. 68	22 Apr. 70	29 Jan. 87
	Massachusetts.....		11 May 61	27 Nov. 62		11 Aug. 64			3 July 70	6 Mar. 87
	Massachusetts.....					25 July 62			26 Feb. 78	31 Oct. 88
5	Pennsylvania.....		25 Sept. 61	5 Sept. 62		26 Aug. 64			9 May 78	12 Feb. 89
	Vermont.....	29 Nov. 61			1 Dec. 66			26 Mar. 69	12 July 78	23 Mar. 89
	Maine.....	29 Nov. 61							30 Nov. 78	26 Mar. 89
	New York.....	29 Nov. 61							13 Mar. 80	3 Jan. 90
	Pennsylvania.....	29 Nov. 61							1 Apr. 80	28 Feb. 90
10	Maine.....	30 Nov. 61							11 July 80	do
	Pennsylvania.....	20 Sept. 61							23 Nov. 80	31 July 90
	New York.....	29 Nov. 61							14 Dec. 80	19 May 91
	New York.....	1 Oct. 61							1 Jan. 81	25 June 91
15	Kentucky.....	30 Dec. 61							12 Mar. 81	2 Aug. 91
	Pennsylvania.....	18 Apr. 62							29 Mar. 81	27 Sept. 91
	Pennsylvania.....	24 Sept. 61							30 Aug. 81	2 Oct. 91
	Ohio.....	27 Sept. 61							12 Oct. 81	5 Nov. 91
	Pennsylvania.....	23 Nov. 61							28 May 81	16 Dec. 91
	New York.....	25 Sept. 61							6 Nov. 81	10 Jan. 92
20	Pennsylvania.....	14 Nov. 61							15 Nov. 81	3 Apr. 92
	New Hampshire.....	21 Nov. 62			12 Mar. 68		26 Mar. 69	21 Mar. 70	12 Dec. 84	11 Apr. 94
	Texas.....		19 Aug. 64				18 Dec. 68		11 May 82	19 June 92
	Massachusetts.....		24 Nov. 62	15 Oct. 63					2 July 82	9 Jan. 93
25	Ohio.....	21 Sept. 61			1 Dec. 66		12 Mar. 68	26 Mar. 69	1 Oct. 82	25 Jan. 93
	Pennsylvania.....			18 Sept. 63	12 Mar. 68		18 Dec. 68	21 Mar. 70	16 Nov. 83	27 Apr. 93
	Maine.....			15 Oct. 62		23 Sept. 65			1 Dec. 83	9 May 93
	New York.....		15 Dec. 62	18 Aug. 63					13 July 84	4 July 93
	Tennessee.....	6 Oct. 62					26 Mar. 69		27 Sept. 84	27 Sept. 93
	Massachusetts.....	7 Oct. 62							3 Nov. 84	1 Oct. 93
30	Indiana.....	27 Sept. 62							8 Nov. 84	23 Jan. 94
	New Jersey.....	29 Sept. 62							26 Dec. 84	16 Apr. 94
	Connecticut.....	26 Sept. 62							1 Mar. 85	22 June 94
	California.....	25 Sept. 62							2 Mar. 85	10 July 94
35	Maryland.....	21 Apr. 62							2 June 85	21 July 94
	Missouri.....	30 Sept. 62							23 Sept. 85	7 Sept. 94
	Ohio.....	18 Apr. 62							2 Oct. 85	16 Sept. 94
	New York.....	29 Nov. 62							30 Oct. 85	30 Sept. 94
	Kentucky.....	31 Jan. 62							4 Feb. 86	2 Feb. 95
40	Massachusetts.....	23 Feb. 63							4 Mar. 86	1 Mar. 95
	Minnesota.....	24 Sept. 61							7 Oct. 86	10 May 95
	Kentucky.....	9 Oct. 61							9 Nov. 86	21 May 95
	Ohio.....	29 Sept. 62							26 Jan. 87	15 June 95
	New York.....	25 Sept. 62							29 Jan. 87	1 Sept. 95
	Rhode Island.....	29 Sept. 62							6 Mar. 87	28 Dec. 95
45	Dist. of Columbia.....	23 Sept. 62							26 May 87	29 Dec. 95
	Indiana.....	2 Dec. 61							19 May 86	5 Jan. 96
	Pennsylvania.....	2 Jan. 62							30 June 87	28 Feb. 96
	Massachusetts.....	6 Oct. 62							do	4 May 96
50	Rhode Island.....	23 Sept. 63			18 Dec. 68		21 Mar. 70	21 Mar. 71	4 Sept. 87	4 Sept. 96
	Ohio.....	2 Mar. 63							2 Jan. 88	1 Oct. 96
	New York.....	21 Sept. 63							31 Mar. 88	11 Oct. 96
	Michigan.....	30 July 63							28 May 88	1 Nov. 96
	Massachusetts.....	24 Sept. 63			18 Dec. 68		21 Mar. 70	21 Mar. 71	19 June 88	10 Nov. 96
	Ohio.....	1 Oct. 63							20 Sept. 90	13 July 97
55	Virginia.....	14 Apr. 62			12 Mar. 68		26 Mar. 69	21 Mar. 70	31 Oct. 88	18 Nov. 96
	New York.....	20 July 64			18 Dec. 68		21 Mar. 70	21 Mar. 71	12 Feb. 89	6 Dec. 96
	Ohio.....	28 Feb. 63							23 Mar. 89	1 Jan. 97
	Dist. of Columbia.....	4 Mar. 63							26 Mar. 89	5 Jan. 97
	Missouri.....	23 July 63							do	24 Feb. 97
60	Utah.....	26 Sept. 63							31 Mar. 86	14 Mar. 97
	Son of officer.....	10 Oct. 63							4 Aug. 86	21 Mar. 97
	Connecticut.....	25 Sept. 63							24 Oct. 86	6 Apr. 97
	Massachusetts.....	27 Feb. 63							3 Jan. 90	16 May 97
	New York.....	26 Sept. 62							31 July 80	19 June 97
65	Maine.....	26 Feb. 63							15 Oct. 80	21 July 97
	Pennsylvania.....	24 July 63							5 Dec. 90	28 Aug. 97

a Designation "Acting" discontinued 21 December, 1865.

b Acting Volunteer Lieutenant 18 December, 1863; Acting Volunteer Lieutenant-Commander 27 March, 1865; honorably discharged 8 December, 1865; reappointed Acting Master 19 November, 1866.

c Resigned 16 June, 1865; reappointed Acting Ensign 5 July, 1866.

COMMANDERS.

Number in grade.	Signal No.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present commission.		Total sea service.		Shore or other duty.		Unemployed.	
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms
	129	Richardson Clover	Chief Intelligence Officer	15 Oct. 98	Sept. 98	0	5	19	5	11	10	4	1
	130	James M. Miller	Commanding Badger	11 Apr. 98	July 97	0	9	21	0	11	6	2	9
	131	Frederick M. Wise	Commanding N. S. S. Enterprise	18 Sept. 98	Feb. 96	0	3	216	2	219	10	1	0
70	132	John V. B. Bleeker	Ord. Off., Navy-yard, Portsmouth	29 Aug. 98	Apr. 98	0	5	17	3	15	7	2	4
	133	Andrew Dunlap	Commanding Solace	21 May 96	May 93	0	11	19	5	15	3	2	0
	134	Richard Rush	Navy Department	20 Oct. 98	May 92	0	1	16	11	15	8	2	8
	135	Edward H. Gheen	Hydrographic Office	1 Oct. 98	Sept. 98	0	3	17	8	15	9	2	10
	136	Wells L. Field	Commanding Justin	10 July 98	June 93	0	6	19	6	14	3	2	5
75	137	Harrison G. O. Colby	Light-House Insp., 2d dist.	22 Oct. 98	Oct. 98	0	4	18	4	15	8	2	1
	138	Leavitt C. Logan	Commanding Machias	10 May 98	Nov. 94	0	7	16	1	18	2	1	7
	139	Conway H. Arnold	Light-House Insp., 6th dist.	7 Mar. 98	Dec. 97	0	0	17	9	16	0	1	7
	140	William S. Cowles	Commanding Topeka	5 Apr. 97	Nov. 91	0	6	19	9	13	9	2	0
80	141	Charles O. Allibone	Light-House Insp., 9th Dist.	1 Jan. 98	May 97	0	0	18	9	12	7	4	1
	142	Edward D. Taussig	Commanding Bennington	19 Aug. 98	Aug. 96	0	4	17	9	15	7	2	1
	143	John E. Pillsbury	Equip. Off. Navy-yard, Boston	17 Sept. 98	Sept. 98	0	1	21	9	13	4	1	8
	144	William H. Reeder	Com. Nau. School-ship St. Marys	1 Nov. 98	July 96	0	2	17	6	17	0	1	10
	145	Daniel Delehanty	Governor, Sailor's Snug Harbor	2 Sept. 98	Sept. 98	0	0	15	5	17	4	3	6
	146	Charles C. Cornwell†	Commanding Petrel	— Dec. 98	July 96	0	0	16	5	12	1	5	9
85	147	Dennis W. Mullan	Under suspension	8 July 97	Apr. 96	3	0	15	11	13	10	8	6

* Four months and fifteen days in the Volunteer Army (civil war).

† Subject to confirmation by Senate.

α Includes service in Volunteer Navy (civil war).

Number in grade.	Appointed from—	Entry and promotions.						
		Midshipman.	Acting Ensign.	Ensign.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.
70	Missouri.....	20 July 63		18 Dec. 68	21 Mar. 70	21 Mar. 71	19 May 01	16 Sept. 07
	Missouri.....	24 Sept. 63		do	do	do	29 May 91	28 Sept. 97
	Maryland.....	23 Sept. 62 ^a		do	do	do	25 June 91	7 Nov. 97
	Son of officer.....	10 Oct. 63		do	do	do	30 June 91	5 Dec. 97
75	New York.....	23 Apr. 62		do	do	do	2 Aug. 91	1 Feb. 98
	Pennsylvania.....	30 Sept. 63		do	do	do	27 Sept. 91	6 Feb. 98
	Pennsylvania.....	25 Sept. 62		do	do	do	2 Oct. 91	28 Mar. 98
	New York.....	20 Nov. 62		do	do	do	5 Nov. 91	27 Apr. 98
80	Massachusetts.....	25 Nov. 62		do	do	do	20 Nov. 91	do ...
	Ohio.....	28 Feb. 63		do	do	12 June 71	16 Dec. 91	1 May 98
	Son of officer.....	30 Sept. 63		do	do	22 June 71	10 Jan. 92	11 May 98
	Connecticut.....	22 July 63		do	do	26 Oct. 71	5 May 92	5 June 98
85	New Jersey.....	24 July 63		do	do	2 Nov. 71	28 May 92	3 July 98
	Missouri.....	do		do	do	1 Jan. 72	19 June 92	10 Aug. 98
	At large.....	22 Sept. 62		do	do	do	1 July 92	do ...
	Iowa.....	20 Sept. 62		do	do	31 Jan. 72	4 Dec. 92	do ...
85	New York.....	25 Sept. 62		do	do	6 Mar. 72	9 Jan. 93	22 Nov. 98
	Utah.....	20 Sept. 64		19 Apr. 69	12 July 70	1 Apr. 72	7 Feb. 93	25 Dec. 98
	Kentucky.....	21 Sept. 60	1 Oct. 63		10 May 66	21 Feb. 67	12 Mar. 68	3 July 82

^a Masters' Mate 1 January, 1862; Fourth Master 9 August, 1862.

LIEUTENANT-COMMANDERS, ACTIVE LIST (74).

Number in grade.	Signal No.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present commission.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms		
	148	Raymond P. Rodgers	Iowa	16 June 97	July 92	1	6	15	5	18	4
	149	Royal K. Ingersoll	Naval Academy	12 Sept. 98	Sept. 98	3	1	16	10	15	8
	150	Adolph Marx	Light-House Insp., 4th dist.	17 Oct. 98	Oct. 98	9	20	9	11	7	5
	151	Duncan Kennedy	Light-House Insp., 11th dist.	7 Oct. 98	Sept. 97	0	17	5	15	5	7
5	152	Seaton Schroeder	Massachusetts	17 Dec. 96	June 93	2	2	17	9	13	5
	153	James D. J. Kelley	Insp. merchant vessels, N. Y.	13 May 97	May 97	2	4	13	1	13	10
	154	Richard Wainwright	Naval Academy	1 Nov. 98	Oct. 98	0	9	16	11	15	10
	155	Jefferson F. Moser	Com'ding Fish Com. str. Albatross	19 May 96	Mar. 93	2	6	21	7	10	10
	156	Robert T. Jasper	Com'ding Terror (in reserve)	13 Oct. 98	May 95	2	1	17	3	15	9
10	157	Franklin J. Drake	Ord. Off., Navy-yard, Mare Island	4 Oct. 97	July 97	3	1	26	4	17	3
	158	Thomas C. McLean	In charge Torpedo Station	15 June 97	Aug. 96	2	4	12	10	18	1
	159	William J. Barnette	Com'ding School-ship Saratoga	15 Oct. 98	Aug. 98	4	0	18	6	13	2
	160	Francis H. Delano	Navy-yard, Boston	1 Oct. 98	Sept. 98	2	2	20	5	11	8
15	161	Charles T. Forse	Commanding Lebanon	17 June 97	Mar. 94	1	5	20	1	10	10
	162	Edwin K. Moore	Naval Academy	15 Apr. 98	Mar. 98	3	1	21	0	11	11
	163	Albion V. Wadhams	Light-House Insp., 8th dist.	1 Jan. 97	Nov. 96	2	2	17	4	14	4
	164	James D. Adams	Hydrographic Office	23 Sept. 98	Sept. 98	2	8	17	7	14	6
	165	James K. Selfridge	Commanding Sterling	10 Dec. 96	June 93	2	1	17	1	13	3
	166	James K. Cogswell	Light-House Insp., 1st Dist.	5 Oct. 98	Aug. 98	2	11	17	3	13	5
20	167	William H. Everett	Commanding Michigan	3 Sept. 98	May 96	1	7	17	8	14	1
	168	John M. Hawley	Bureau of Navigation	1 Dec. 96	Aug. 96	1	8	19	2	13	9
	169	John A. Rodgers	Indiana	1 Feb. 97	Nov. 94	1	11	18	6	13	6
	170	James W. Carlin	Commanding Culgoa	25 Mar. 98	Nov. 95	1	4	18	0	12	4
25	171	Gottfried Booklinger	Charleston	5 May 98	Oct. 96	1	9	19	9	10	7
	172	Perry Garst	Naval Academy	8 Oct. 98	Oct. 98	2	3	17	5	13	5
	173	Frederic Singer	Commanding Manila	15 Apr. 96	Feb. 92	2	9	17	7	14	1
	174	Arthur B. Speyers	Navy-yard, New York	13 Dec. 98	Dec. 98	2	1	17	10	13	6
	175	Ebenezer S. Prime	Equip. Off., Navy-yard League Id.	18 Oct. 98	Oct. 98	0	10	19	7	13	8
	176	William P. Potter	New York	12 Sept. 97	Sept. 94	1	4	16	4	15	5
30	177	Giles E. Niles	Equip. Off., Navy-yard, Norfolk	29 Sept. 98	Sept. 98	2	3	17	11	13	11
	178	Giles B. Harber	Texas	28 Jan. 98	Apr. 95	0	11	17	11	12	10
	179	Thomas H. Stevens	Philadelphia	9 July 98	Aug. 97	1	9	18	6	10	0
	180	Charles P. Perkins	Returning from Monadnock	— Dec. 98	Dec. 98	2	4	20	0	11	2
35	181	Newton E. Mason	Brooklyn	1 Dec. 96	Nov. 92	2	1	16	6	14	5
	182	Charles G. Bowman	Eq. Off., Navy-yard, Mare Island	3 June 97	Apr. 97	0	11	15	10	16	5
	183	William H. Beehler	Office Naval Intelligence	20 Aug. 98	June 98	2	0	15	6	14	1
	184	John B. Briggs	Baltimore	15 June 97	Feb. 94	1	3	15	9	16	1
	185	Arthur P. Nazro	Oregon	12 Dec. 97	May 95	1	1	18	5	13	4
40	186	William W. Kimball	Ord. to Naval Sta., Havana, Cuba	21 Dec. 98	Dec. 98	1	2	15	5	15	2
	187	William P. Day	New Orleans	22 May 98	Oct. 96	0	7	19	10	6	0
	188	John C. Wilson	Commanding Vixen	4 July 98	Apr. 95	0	6	17	11	12	1
	189	Uriah R. Harris	Navy-yard, Boston	15 Sept. 97	Aug. 97	0	5	17	0	14	2
	190	Richard G. Davenport	Com'ding Fish Com. str. Fish Hawk	21 May 98	Dec. 96	0	7	18	3	13	11
45	191	Edward B. Barry	Cincinnati	2 Aug. 97	July 94	1	5	20	8	11	3
	192	Herbert Winslow	Commanding Marcellus	27 Apr. 98	Dec. 97	1	4	18	8	12	6
	193	William H. Turner	Commanding Scorpion	21 May 98	May 95	0	1	16	5	14	10
	194	George P. Colvocoreesses	Concord	22 May 97	June 93	1	7	19	1	15	2
	195	Charles E. Colahan	Chicago	30 July 96	July 93	1	6	18	6	13	8
50	196	Waiuwright Kellogg	Asst. L. H. Insp., 8d dist.	9 Sept. 98	Sept. 98	0	5	21	6	10	8
	197	Albert G. Berry	Amphitrite	6 July 96	July 93	1	4	17	11	11	5
	198	John A. Norris	Boston	9 Sept. 97	Aug. 94	1	4	14	10	17	3
	199	William H. Driggs	Office Naval Intelligence	2 Sept. 98	Sept. 98	0	4	16	10	9	4
	200	Nathaniel J. K. Patch	Commanding Celtic	11 July 98	Jan. 98	0	9	19	2	12	1
55	201	Thomas S. Phelps, jr.	Raleigh	30 June 98	Dec. 97	0	7	17	1	11	3
	202	Karl Rohrer	Navy-yard, Washington	19 Apr. 97	Apr. 97	0	0	15	7	15	5
	203	John A. H. Nickels	Marblehead	7 Apr. 97	Nov. 95	0	11	20	0	13	3
	204	Clinton K. Curtis	Navy-yard, Norfolk	3 Nov. 98	Sept. 98	0	8	17	5	12	4
	205	Theodorie Porter	Training-ship Adams	14 July 97	July 94	0	9	13	8	16	6
60	206	Daniel D. V. Stuart	Navy-yard, New York	10 Oct. 98	Oct. 98	0	5	20	0	12	10
	207	John H. Moore	Ordered to Yosemite	28 Dec. 98	May 95	0	8	17	3	11	5
	208	Charles A. Adams	Receiving-ship Independence	25 Mar. 98	Mar. 98	0	9	19	5	11	8
	209	Kossuth Niles	Torpedo Station	31 Dec. 96	July 96	0	0	16	10	14	11
	210	Dennis H. Mahan	Sick leave	20 June 98	June 98	0	1	17	5	11	11
	211	William F. Low	Newark	10 Mar. 98	Jan. 95	0	7	18	5	11	4
65	212	Nelson T. Houston	Commanding Iris	8 Dec. 96	Feb. 94	0	7	16	9	12	6

a Includes service as Captain's Clerk.

LIEUTENANT-COMMANDERS, ACTIVE LIST (74).

Number in grade.	Unemployed.	Appointed from—	Entry and promotions.				
			Midshipman.	Ensign.	Master.	Lieutenant.	Lieutenant-Commander.
	Ye Ms						
0	8	Son of officer	25 July 64	19 Apr. 69	12 July 70	10 Oct. 72	4 July 93
1	11	Michigan	23 July 64	do	do	13 Apr. 72	25 Feb. 93
1	11	Iowa	26 Sept. 64	do	do	24 May 72	9 May 93
1	8	New York	20 July 64	do	do	18 June 72	15 May 93
2	11	South Carolina	27 Sept. 64	do	do	29 Oct. 72	27 Sept. 93
7	4	At large	5 Oct. 64	do	do	13 Aug. 72	27 June 93
1	6	Son of officer	23 Sept. 64	do	do	25 Sept. 73	16 Sept. 94
1	10	Pennsylvania	29 Sept. 64	do	do	19 Aug. 72	do
1	5	New York	21 July 64	do	do	27 Oct. 72	do
10	2	4 New York	23 Feb. 63	do	do	15 Nov. 72	1 Oct. 93
3	3	4 New York	21 Sept. 64	do	do	12 Dec. 72	11 Apr. 94
2	3	4 New York	26 July 64	do	do	28 Dec. 72	16 Apr. 94
2	3	3 Massachusetts	23 Sept. 63	18 Dec. 68	21 Mar. 70	6 Feb. 73	22 June 94
4	4	4 Kentucky	24 Sept. 63	19 Apr. 69	12 July 70	11 Feb. 73	do
15	1	4 Ohio	1 Oct. 64	do	do	1 Mar. 73	10 July 94
2	2	2 New York	26 Sept. 64	do	do	25 Mar. 73	21 July 94
2	2	2 Mississippi	27 Sept. 64	do	do	15 Sept. 73	7 Sept. 94
4	2	2 California	21 July 64	do	do	27 Sept. 73	30 Sept. 94
4	7	7 Wisconsin	25 Sept. 63	do	do	8 Apr. 74	15 June 95
20	3	8 Connecticut	23 July 63	do	do	12 Dec. 73	6 Dec. 94
2	6	6 Massachusetts	do	do	do	6 Jan. 74	9 Dec. 94
3	5	5 Son of officer	30 July 63	do	do	2 Feb. 74	1 Mar. 95
4	1	1 Illinois	23 July 64	do	do	12 Feb. 74	10 May 95
25	7	1 Iowa	22 July 63	do	do	2 Apr. 74	21 May 95
2	7	7 Illinois	28 July 63	do	do	5 Apr. 74	7 June 95
3	9	9 Ohio	27 July 63	do	do	21 May 74	1 Sept. 95
4	1	1 New York	24 July 63	do	do	23 May 74	28 Dec. 95
2	0	0 Ohio	22 Sept. 63	do	do	5 June 74	29 Dec. 95
30	1	6 New York	26 Sept. 65	do	do	do	12 June 96
2	7	7 Pennsylvania	28 July 64	do	do	7 July 74	5 Jan. 96
2	8	8 Ohio	24 July 65	12 July 70	12 July 71	19 Sept. 74	4 Sept. 96
6	9	9 Son of officer	1 Oct. 63	do	do	6 Jan. 74	2 Feb. 96
2	3	3 Massachusetts	21 July 65	do	do	9 Aug. 74	4 May 96
2	6	6 Pennsylvania	24 July 65	do	do	22 July 74	18 Feb. 96
35	1	2 Indiana	29 July 65	12 July 70	12 July 71	8 Nov. 74	10 Nov. 96
4	10	10 Maryland	28 July 64	19 Apr. 69	10 Sept. 70	10 Sept. 74	21 June 96
1	4	4 Massachusetts	28 Sept. 65	do	do	24 Oct. 74	1 Nov. 96
1	8	8 Son of officer	21 July 65	do	do	26 July 71	18 Nov. 96
2	10	10 Son of officer	31 July 65	do	do	14 Oct. 71	18 Dec. 74
40	7	7 Enlisted boy	26 July 65	do	do	31 Oct. 71	23 Jan. 75
3	5	5 New York	24 July 65	do	do	9 Dec. 71	3 Feb. 75
2	3	3 Indiana	22 July 65	do	do	11 Feb. 75	11 Feb. 75
2	1	1 Georgia	29 Sept. 64	do	do	20 Jan. 72	17 Mar. 75
1	6	6 Son of officer	21 July 65	do	do	29 Jan. 72	6 Apr. 75
45	2	3 Son of officer	do	do	do	1 Apr. 72	3 May 75
2	2	2 Ohio	22 July 65	do	do	13 Apr. 72	13 May 75
2	3	3 Son of officer	28 Sept. 64	12 July 70	18 June 72	1 July 75	4 June 97
1	3	3 Pennsylvania	21 July 65	do	do	13 Aug. 72	20 July 75
1	1	1 Pennsylvania	27 Sept. 65	do	do	3 Sept. 72	29 Sept. 75
50	4	1 At large	25 July 65	do	do	27 Sept. 72	20 Oct. 75
1	2	2 Pennsylvania	27 Sept. 65	do	do	10 Oct. 72	do
7	4	4 Michigan	21 July 65	do	do	27 Oct. 72	7 Mar. 76
2	0	0 Massachusetts	20 Sept. 65	do	do	do	9 Mar. 76
5	1	1 Son of officer	26 July 65	do	do	29 Oct. 72	15 Mar. 76
55	2	5 Missouri	22 July 65	do	do	10 Nov. 72	26 Apr. 76
0	11	11 Mississippi	8 Oct. 64	12 July 70	20 Nov. 72	10 June 76	1 Feb. 98
3	6	6 West Virginia	27 Sept. 65	do	do	25 Nov. 72	30 June 76
1	1	1 Son of officer	20 Sept. 65	do	do	11 Feb. 73	22 Aug. 76
2	6	6 New York	24 Sept. 63	do	do	do	9 Sept. 76
60	4	9 New York	31 July 65	do	do	15 Feb. 73	21 Sept. 76
4	5	5 Wisconsin	24 July 63	19 Apr. 69	12 July 70	8 Nov. 73	11 Nov. 94
1	6	6 Illinois	22 Sept. 65	12 July 70	1 Mar. 73	30 Sept. 76	1 May 98
4	1	1 Son of officer	21 July 65	do	do	14 Feb. 73	21 Sept. 77
3	8	8 New Hampshire	24 July 65	do	do	2 Apr. 73	25 Nov. 77
65	4	2 New York	28 July 65	do	do	6 Sept. 72	9 Oct. 75

LIEUTENANT-COMMANDERS.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
70	213	Clayton S. Richman.....	Commanding Dixie.....	12 Apr. 98	Apr. 97	0	3	15	9	14	1
	214	Samuel P. Comly.....	Receiving-ship Richmond.....	15 Oct. 98	Oct. 98	0	2	18	4	12	7
	215	Hawley O. Rittenhouse.	Commanding Miantonomoh.....	31 Mar. 98	Feb. 96	0	5	15	11	14	8
	216	Robert G. Peck.....	Bureau of Equipment.....	3 Oct. 98	July 97	0	0	18	9	12	7
	217	John Hubbard.....	Navy-yard, New York.....	22 Oct. 98	Oct. 98	0	0	18	1	12	9
	218	Alexander McCrackin..	Monadnock.....	1 Sept. 97	July 94	0	0	17	8	11	8
	219	George L. Dyer.....	Commanding Yankton.....	1 July 98	June 97	0	1	12	11	16	4
	220	Lewis C. Hellner*.....	Texas.....	20 July 96	Jan. 96	0	1	18	6	17	4
	221	Martin E. Hall*.....	School-ship Enterprise.....	16 Sept. 98	July 98	0	0	13	2	13	2

* Subject to examination.

a Includes services as Captain's Clerk.

LIEUTENANT-COMMANDERS.

Number in grade.	Unemployed.	Appointed from—	Entry and promotions.					
			Midshipman.	Ensign.	Master.	Lieutenant.	Lieutenant-Commander.	
	Ys. Ms.							
70	3	7	Iowa	24 July 65	12 July 71	2 Aug. 73	26 Feb. 78	3 July 98
	2	7	New Jersey	26 July 65	.....do.....	3 Aug. 73	26 Apr. 78	10 Aug. 98
	1	10	New Jersey	25 July 66	18 July 71	10 Sept. 73	5 June 78	.....do.....
	1	0	Massachusetts	21 Sept. 66	.....do.....	11 Sept. 73	13 Nov. 78	.....do.....
	1	7	Arizona	25 July 66	.....do.....	15 Sept. 73	28 Dec. 78	6 Oct. 98
	4	0	Iowa .....	.....do.....	.....do.....	25 Sept. 73	13 Jan. 79	15 Nov. 98
	3	2	Maine	23 July 66	.....do.....	.....do.....	5 Feb. 79	22 Nov. 98
	1	7	Pennsylvania	24 July 66	12 July 70	27 Sept. 73	2 June 79	9 Dec. 98
	6	11	Iowa	19 Sept. 65	.....do.....	12 Dec. 73	1 Nov. 79	25 Dec. 98

LIEUTENANTS, ACTIVE LIST (250).

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
222		Edward M. Hughes	Petrel	15 July 96	Mar. 93	13	5	22	3	8	4
223		Herman F. Fickbohm	Detroit	7 Apr. 98	Aug. 96	9	3	17	11	10	4
224		Joseph B. Murdock	Naval War College	17 Oct. 98	Oct. 98	8	2	17	3	13	1
225		Hugo Osterhaus	Naval Academy	1 Sept. 98	Aug. 98	11	3	19	5	12	5
226		John B. Collins	Wilmington	10 May 97	Mar. 95	9	1	17	10	11	1
227		Charles E. Vreeland	Olympia	18 Jan. 97	Apr. 93	9	6	18	8	11	7
228		Corwin P. Rees*	Returning from Olympia	— Dec. 98	Dec. 98	15	11	23	10	6	6
229		Albert C. Dillingham†	Nashville	19 Aug. 97	June 95	9	0	18	9	18	8
230		George F. W. Holman	Torpedo Station	1 Apr. 98	Mar. 98	8	10	19	1	12	0
231		Nathan Sargent	Recorder, Bd. Insp. and Survey	5 Oct. 98	Sept. 98	9	3	16	5	12	9
232		Lazarus L. Reamey	Bureau of Yards and Docks	17 Sept. 98	Sept. 98	9	9	16	10	11	5
233		James H. Bull	Asiatic Station	— Dec. 98	Sept. 98	8	0	17	9	12	2
234		Greenlief A. Merriam	Puritan	18 Apr. 98	May 96	9	7	18	2	12	6
235		John B. Milton	Badger	14 Apr. 98	Jan. 97	8	9	19	1	11	2
236		William Kilburn	Navy-yard, Washington	31 Aug. 98	July 98	9	10	17	8	11	6
237		Jacob J. Hunker	Bureau of Navigation	20 Oct. 98	Sept. 98	8	6	18	9	10	9
238		George W. Ments	Training-ship Annapolis	20 July 97	July 95	8	5	18	3	10	10
239		Sidney A. Staunton	New York (Staff)	16 June 97	Aug. 94	9	4	17	3	11	7
240		Aaron Ward	Panther	11 Apr. 98	Aug. 96	7	11	14	6	13	2
241		Charles W. Bartlett	Naval Academy	20 Sept. 98	Sept. 98	9	2	16	1	13	10
242		Chauncey Thomas	Yorktown	15 Dec. 96	Feb. 94	7	6	15	2	14	8
243		William A. Marshall	Resolute	15 Dec. 98	Feb. 96	6	11	16	6	12	0
244		William M. Irwin	Steel Insp., So. Bethlehem	1 June 97	May 97	8	2	16	4	12	10
245		Gustavus C. Hanus	Wheeling	— Dec. 98	Sept. 98	11	9	21	8	10	2
246		John E. Roller	Lancaster	6 May 96	June 93	9	7	16	4	11	3
247		Francis E. Greene	Montgomery	4 Jan. 98	May 96	8	6	19	1	10	5
248		Carlo G. Calkins	Returning from Olympia	— Dec. 98	Dec. 98	9	0	17	7	12	4
249		William P. Elliott	Baltimore	— Dec. 98	Aug. 98	12	11	22	4	6	0
250		Henry H. Barroll	New York	14 Oct. 98	Sept. 97	7	4	17	9	9	4
251		William E. Sewell	Topeka	5 June 97	July 94	8	0	18	3	11	4
252		Henry McCrea	Machias	30 Apr. 96	Mar. 93	8	11	18	7	11	5
253		Edward F. Qualtrough	Inspection duty under Bu. Eq	10 Nov. 98	Oct. 98	8	0	17	9	11	6
254		James C. Cresap	Training-ship Vicksburg	1 June 97	May 95	8	3	18	0	11	10
255		Asher C. Baker	Special duty, Paris Exposition	8 Aug. 98	Apr. 97	7	7	15	9	12	4
256		Wm. H. H. Southerland	Office of Assistant Secretary	7 Oct. 98	Oct. 98	8	6	7	13	9	15
257		Lucien Young	Commanding Hist.	4 June 98	Feb. 98	7	3	15	11	11	10
258		Jesse M. Roper	Hydrographic Office	22 Oct. 98	Oct. 98	7	4	17	10	11	5
259		Charles E. Fox	Monadnock	23 Oct. 97	Dec. 95	6	10	16	2	12	5
260		John C. Fremont	Supervisor New York Harbor	22 Aug. 98	Aug. 98	7	11	15	9	11	7
261		Robert Mertz	Training-ship Essex	30 Nov. 96	Jan. 94	8	2	18	10	9	3
262		Rogers H. Galt	Insap. Equip., Newport News	7 June 97	June 97	5	8	16	8	12	9
263		Vincendon L. Cottman	Commanding Brutus	31 Dec. 96	July 94	5	9	15	7	12	11
264		Frank E. Sawyer	Sick leave	29 Dec. 98	Dec. 98	7	4	17	7	10	4
265		William H. Schuetze	Iowa	7 Apr. 97	Nov. 92	4	10	14	6	13	9
266		Thomas B. Howard	Concord	22 May 97	June 94	7	1	15	2	13	11
267		Walter C. Cowles	Bureau of Equipment	10 July 97	Apr. 97	4	5	14	2	13	3
268		Austin M. Knight	Naval Academy	27 Sept. 98	Sept. 98	6	7	14	2	13	5
269		Charles J. Badger	Cincinnati	28 Aug. 97	Oct. 95	7	7	17	7	10	3
270		Samuel W. B. Diehl	Buffalo	22 Sept. 98	Aug. 97	6	5	14	7	13	9
271		Reginald F. Nicholson	Duty with Farragut	1 Oct. 98	Aug. 98	6	2	14	5	14	3
272		Samuel C. Lemly†	Judge-Advocate-General	5 June 92	May 90	3	3	11	5	16	1
273		Edmund B. Underwood	Yankee	10 Mar. 98	Aug. 97	6	4	16	10	10	10
274		William F. Halsey	Naval Academy	9 Oct. 98	Sept. 98	6	4	16	4	10	9
275		Frank A. Wilner	Returning from Monadnock	— Dec. 98	Dec. 98	6	6	18	3	9	11
276		Henry Morrell	Castine	10 June 96	Aug. 93	5	11	18	7	9	3
277		William Winder	Raleigh	1 Dec. 96	Sept. 93	7	2	16	2	10	2
278		Charles E. T. Moore	Bennington	29 Apr. 98	July 96	7	0	15	11	10	8
279		Ten Eyck D. W. Veeder	Scindia	31 Aug. 96	May 93	5	2	15	4	13	3
280		Alfred Reynolds	Bureau of Equipment	3 Dec. 97	Oct. 97	6	0	14	9	12	7
281		John M. Robinson	Navy-yard, Washington	29 Sept. 98	Sept. 98	5	8	16	8	10	1
282		George H. Peters	Office of Naval Intelligence	19 Sept. 98	Dec. 97	7	3	15	2	11	9
283		Bradley A. Fiske	Petrel	16 Dec. 96	Oct. 94	6	11	13	0	11	7
284		Frank H. Holmes	Baltimore	19 Mar. 98	May 96	6	0	18	1	13	1

* One year five months and twenty days in Volunteer Army.

† One month and twenty-seven days in Volunteer Army.

‡ With rank of captain.

LIEUTENANTS, ACTIVE LIST (250).

Number in grade.	Unemployed.		Appointed from—	Entry and promotions.					
				Cadet Midshipman.	Midshipman.	Ensign.	Master.	Lieutenant (junior grade).	Lieutenant.
	Ys	Ms							
	1	10	At large.....		25 July 66	13 July 71	12 Dec. 73		16 Dec. 79
	4	2	Naval apprentice.....		31 July 66	.....do.....	6 Jan. 74		24 Feb. 80
	2	1	Massachusetts.....		25 July 66	.....do.....	2 Feb. 74		10 Mar. 80
5	1	5	Missouri.....		22 Sept. 65	.....do.....	12 Feb. 74		13 Mar. 80
	3	7	Louisiana.....		26 July 66	.....do.....	3 Mar. 74		18 Mar. 80
	2	2	Naval apprentice.....		27 July 66	.....do.....	2 Apr. 74		25 Mar. 80
	2	1	Ohio.....		30 July 66	.....do.....	21 May 74		11 Oct. 80
	1	5	Pennsylvania.....		21 July 65	.....do.....	4 June 74		14 Dec. 80
10	1	4	California.....		23 July 66	.....do.....	14 June 74		1 Jan. 81
	3	3	Montana.....		20 July 66	.....do.....	10 July 74		2 Jan. 81
	4	2	Pennsylvania.....		23 July 66	.....do.....	23 July 74		2 Feb. 81
	2	5	Pennsylvania.....		25 July 66	.....do.....	3 Oct. 74		22 Apr. 81
	1	10	Massachusetts.....		21 July 66	.....do.....	22 Oct. 74		28 May 81
15	2	2	Kentucky.....		26 June 66	.....do.....	19 Nov. 74		14 Sept. 81
	3	11	California.....		5 Dec. 65	.....do.....	18 Dec. 74		12 Oct. 81
	2	11	Ohio.....		27 July 66	13 July 72	14 Jan. 75		15 Oct. 81
	3	2	New Jersey.....		25 Sept. 66	.....do.....	25 Jan. 75		28 Oct. 81
	2	6	West Virginia.....	a20 Sept. 67	6 June 71	14 July 72	4 Feb. 75		15 Nov. 81
	3	7	Pennsylvania.....	a26 Sept. 67	.....do.....	.....do.....	8 Feb. 75		25 Nov. 81
20	1	7	Massachusetts.....	a20 June 67	.....do.....	.....do.....	17 Mar. 75		4 Feb. 82
	1	5	Pennsylvania.....	a25 Sept. 67	.....do.....	.....do.....	14 Apr. 75		10 Mar. 82
	3	0	Pennsylvania.....	a26 June 67	.....do.....	.....do.....	22 Apr. 75		15 Apr. 82
	2	5	Ohio.....	a28 June 67	.....do.....	.....do.....	1 May 75		2 June 82
	1	8	Wisconsin.....	a26 July 65	.....do.....	.....do.....	3 May 75		19 June 82
25	3	11	Naval apprentice.....	a20 June 67	.....do.....	.....do.....	24 May 75		1 July 82
	1	10	Indiana.....	a24 Sept. 67	.....do.....	.....do.....	16 June 75		2 July 82
	1	7	Ohio.....	a20 June 67	.....do.....	.....do.....	1 July 75		17 Nov. 82
	2	11	At large.....	a23 Sept. 67	.....do.....	.....do.....	14 May 75		20 June 82
	4	1	Missouri.....	a27 Sept. 67	.....do.....	.....do.....	20 Oct. 75	3 Mar. 83	22 May 83
30	1	8	New York.....	a25 Sept. 67	.....do.....	.....do.....	26 Apr. 76	do	13 Oct. 83
	2	5	Indiana.....	a20 July 66	.....do.....	.....do.....	10 June 76	do	16 Nov. 83
	2	0	New York.....	a20 Sept. 67	.....do.....	.....do.....	1 July 76	do	24 Nov. 83
	1	8	Ohio.....	a22 June 67	.....do.....	.....do.....	30 Sept. 76	do	1 Dec. 83
	3	1	Iowa.....	a30 Sept. 67	.....do.....	.....do.....	6 Dec. 76	do	10 Jan. 84
35	1	5	Naval apprentice.....	a29 June 68	1 July 72	15 July 73	21 Nov. 77	do	9 Feb. 84
	1	10	Kentucky.....	a21 June 69	31 May 73	16 July 74	24 Nov. 77	do	1 May 84
	1	5	Missouri.....	a25 June 68	1 June 72	15 July 73	25 Nov. 77	do	5 June 84
	1	11	At large.....	.....do.....	.....do.....	.....do.....	.....do.....	do	2 Aug. 84
40	3	2	At large.....	.....do.....	.....do.....	.....do.....	.....do.....	do	2 Sept. 84
	3	5	Wisconsin.....	a26 June 67	.....do.....	.....do.....	26 Nov. 77	do	27 Sept. 84
	1	1	At large.....	a25 June 68	.....do.....	.....do.....	11 Dec. 77	do	3 Nov. 84
	1	9	New York.....	a25 Sept. 68	.....do.....	.....do.....	9 May 78	do	8 Jan. 85
	2	4	Massachusetts.....	.....do.....	.....do.....	.....do.....	22 July 78	do	16 June 85
45	1	3	Missouri.....	a23 June 69	31 May 73	16 July 74	30 Nov. 78	do	2 Oct. 85
	0	5	At large.....	a25 June 69	.....do.....	.....do.....	13 Jan. 79	do	7 Nov. 85
	1	11	Connecticut.....	a22 Sept. 69	.....do.....	.....do.....	2 Aug. 79	do	1 Dec. 85
	1	11	Florida.....	a30 June 69	.....do.....	.....do.....	27 Oct. 79	do	19 Dec. 85
	1	8	At large.....	a24 June 69	.....do.....	.....do.....	1 Nov. 79	do	5 Jan. 86
50	0	11	Pennsylvania.....	a21 Sept. 69	.....do.....	.....do.....	.....do.....	do	9 Jan. 86
	0	7	North Carolina.....	a30 Sept. 69	.....do.....	.....do.....	22 Jan. 80	do	17 Jan. 86
	2	0	North Carolina.....	a26 June 69	.....do.....	.....do.....	24 Feb. 80	do	20 Jan. 86
	1	10	At large.....	.....do.....	.....do.....	.....do.....	10 Mar. 80	do	4 Feb. 86
	2	2	Louisiana.....	a22 Sept. 69	.....do.....	.....do.....	18 Mar. 80	do	4 Mar. 86
	1	4	New York.....	a30 June 69	.....do.....	.....do.....	25 Mar. 80	do	13 May 86
55	1	8	New York.....	.....do.....	.....do.....	.....do.....	11 Oct. 80	do	23 May 86
	2	11	New Hampshire.....	a21 Sept. 69	.....do.....	.....do.....	23 Nov. 80	do	.....do.....
	2	7	Illinois.....	a28 Sept. 69	.....do.....	.....do.....	14 Dec. 80	do	5 Aug. 86
	1	8	New York.....	a25 Sept. 68	.....do.....	.....do.....	1 Jan. 81	do	7 Oct. 86
	1	11	Indiana.....	a22 Sept. 69	.....do.....	.....do.....	.....do.....	do	9 Nov. 86
60	2	9	At large.....	a25 June 69	.....do.....	.....do.....	2 Jan. 81	do	13 Dec. 86
	1	7	Pennsylvania.....	a24 June 70	1 June 74	17 July 75	10 Jan. 81	do	14 Dec. 86
	3	8	Ohio.....	24 Sept. 70	.....do.....	.....do.....	2 Feb. 81	do	26 Jan. 87
	1	4	California.....	a30 June 70	.....do.....	.....do.....	24 Feb. 81	do	29 Jan. 87

a Entered as midshipman; title changed to cadet midshipman by act of Congress approved July 15, 1870, but no new appointment issued.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
65	285	John F. Parker	Columbia	15 Mar. 98	July 96	5	7	12	8	13	1
	286	Hamilton Hutchins	Montgomery	14 July 97	June 96	5	6	14	1	13	1
	287	John M. Bowyer	Princeton	27 May 98	June 97	7	2	18	5	8	9
	288	John C. Colwell	Naval attaché, London	21 Apr. 97	Aug. 96	4	6	13	9	12	6
70	289	William R. A. Rooney	New Orleans	17 Apr. 98	Apr. 97	6	3	14	2	11	11
	290	Edward J. Dorn	Naval Academy	24 Aug. 98	Mar. 98	6	4	13	10	12	10
	291	Bernard O. Scott	Boston	14 Mar. 98	May 96	8	6	19	7	7	5
	292	Cameron McK. Winslow	Indiana	15 Oct. 96	July 94	6	0	17	9	8	11
75	293	George T. Emmons	Waiting orders.	1 Jan. 99	Sept. 96	4	3	13	3	7	2
	294	York Noel	Marblehead	11 Mar. 98	Nov. 95	6	8	17	1	9	2
	295	Albon C. Hodgson	Brooklyn	3 Apr. 98	Dec. 96	5	2	11	9	13	7
	296	James M. Helm	Light House Insp. 16th dist.	31 Dec. 98	Nov. 98	9	10	20	10	3	5
80	297	William G. Cutler	Newark	10 May 97	July 95	5	4	15	9	10	1
	298	Alexander Sharp, jr.	Naval Academy	29 Sept. 98	Sept. 98	5	2	14	8	11	7
	299	Charles Laird	Helena	15 July 96	Nov. 93	5	2	15	3	11	11
	300	Nathaniel R. Usher	Light House Insp. 7th dist	4 Oct. 98	Oct. 98	3	10	15	2	10	2
85	301	Walter S. Hughes	Branch Hydro. Office, San Francisco	15 Nov. 98	July 98	4	7	14	0	11	10
	302	Fidelio S. Carter	Wilmington	7 Oct. 97	May 95	4	11	15	10	9	7
	303	Frank F. Fletcher	Commanding Eagle	8 July 98	Sept. 96	4	1	13	1	13	5
	304	Harry H. Hosley	Receiving-ship Vermont	20 Dec. 98	Oct. 98	5	7	14	9	9	2
90	305	Frank E. Beatty	Monterey	14 Aug. 97	Feb. 95	4	6	16	5	9	5
	306	Moses L. Wood	Training-ship Adams	6 July 96	Apr. 93	5	9	16	4	9	2
	307	John A. Shearman	Waiting orders	15 Oct. 98	Oct. 98	5	7	14	3	10	4
	308	Robert M. Doyle	Resolve (ordered to Texas)	20 July 96	May 93	6	2	15	5	11	6
95	309	George M. Stoney	Naval Academy	29 Sept. 98	Sept. 98	5	4	15	0	11	9
	310	Frederick W. Coffin	Receiving-ship Wabash	31 Oct. 98	Oct. 98	6	8	18	5	8	8
	311	Harry M. Hodges	Aethusa	23 Nov. 97	Apr. 95	7	8	21	2	5	6
	312	William B. Caperton	Marietta	1 Dec. 96	Nov. 94	5	1	15	2	9	10
100	313	James T. Smith	Amphitrite	13 Apr. 98	Aug. 96	4	7	14	9	11	1
	314	Henry C. Gearing	Badger	18 Apr. 98	June 96	4	2	14	3	11	4
	315	Templin M. Potts	Massachusetts	10 June 96	Aug. 93	5	3	14	1	9	6
	316	William H. Allen	Oregon	15 July 96	Sept. 93	5	9	13	9	11	6
105	317	Burns T. Walling	Navy-yard, New York	22 Sept. 98	May 98	3	8	14	5	9	9
	318	Clifford J. Boush	Badger (ordered to Yosemite)	27 July 97	Aug. 95	4	5	14	2	12	7
	319	James H. Sears	Waiting orders	28 Nov. 98	Nov. 98	5	7	15	6	9	5
	320	Abraham E. Culver	Mayflower	1 Apr. 98	Feb. 96	3	7	12	3	11	2
110	321	Henry T. Mayo	Union Iron Works	14 Oct. 98	Sept. 98	5	0	17	6	7	1
	322	Charles C. Rogers	Detroit	29 Apr. 98	Aug. 96	3	10	11	10	10	11
	323	John T. Newton	Navy-yard, New York	3 Sept. 98	Aug. 98	5	2	14	1	10	4
	324	Benjamin Tappan	Commanding Callao	23 Nov. 96	Nov. 94	5	5	14	5	10	10
115	325	Waldemar D. Rose	Chicago	1 Dec. 98	Oct. 97	3	2	13	8	10	4
	326	Charles F. Pond	Commanding Iroquois	11 Apr. 98	Apr. 97	3	8	14	2	10	7
	327	Walter McLean	Returning from Monocacy	— Dec. 98	Dec. 98	5	0	14	3	9	0
	328	Washington I. Chambers	Torpedo Station	14 Feb. 98	Aug. 97	3	6	12	2	14	2
120	329	James C. Gillmore	Scorpion	25 Apr. 98	June 97	4	9	16	0	9	10
	330	Charles A. Gove	Naval Academy	20 Sept. 98	Sept. 98	3	6	15	0	10	8
	331	De Witt Coffman	Commanding Prairie	1 Oct. 98	June 98	4	2	13	5	11	2
	332	William G. Hannum	En route to Asiatic station	29 Dec. 98	Nov. 98	3	9	14	1	9	11
125	333	Richard Henderson	Indiana	2 Dec. 95	Apr. 93	4	5	15	2	7	6
	334	Thomas D. Griffin	Badger	28 Jan. 98	May 96	4	0	16	0	8	4
	335	Henry Minett	Yorktown	17 Nov. 98	Mar. 97	3	4	14	9	9	7
	336	Richard T. Mulligan	Massachusetts	30 June 96	Nov. 91	2	6	15	3	10	8
130	337	Wm. Brannersreuther	Charleston	5 May 98	May 96	3	9	12	7	13	2
	338	Francis H. Sherman	Navy-yard, New York	28 July 98	July 98	5	11	16	11	8	8
	339	William S. Hogg	Celtic	10 Mar. 98	May 96	3	9	15	8	9	0
	340	William F. Fullam	Naval Academy	9 Oct. 98	Oct. 98	3	7	12	7	11	7
135	341	Thomas M. Brumby	Olympia (staff)	31 Dec. 97	June 96	3	11	15	6	6	11
	342	Horace M. Witzel	Iowa	16 June 97	Jan. 95	4	1	13	3	11	2
	343	Albert G. Winterhalter	Navy-yard, League Island	26 Oct. 98	Oct. 98	3	6	11	6	11	0
	344	John M. Orchard	Iowa	19 July 97	Aug. 94	3	10	15	0	9	7
135	345	John N. Jordan	Inspection duty (Bu. Ord.)	3 Apr. 98	Mar. 98	3	1	16	11	7	8
	346	Augustus F. Fechteler	Monterey	19 Sept. 96	Oct. 94	4	6	15	10	8	1
	347	Edward E. Wright	Training-ship Essex	15 Mar. 98	July 96	3	10	14	2	9	1
	348	Albert Gleaves	Navy-yard, Washington	12 Sept. 98	Sept. 98	3	0	14	1	9	5
135	349	James P. Parker	Monadnock	15 July 96	Sept. 93	3	5	15	3	9	0
	350	Ben W. Hodges	Monadnock	9 Dec. 95	Oct. 92	3	1	13	3	10	2
	351	Herbert O. Dunn	Branch Hydro. Office, Baltimore	20 Sept. 98	Sept. 98	3	0	13	7	10	5
	352	Arthur W. Dodd	Helena	14 May 98	Jan. 98	3	6	16	0	8	2
135	353	George W. Denfeld	Bureau of Equipment	28 June 98	Nov. 97	2	2	13	6	10	7
	354	Albert W. Grant	Machias	7 July 97	July 94	3	4	12	1	11	4
	355	Philip V. Lansdale	Philadelphia	15 June 96	June 93	2	8	13	9	10	3
	356	Horace W. Harrison	Office of Naval Intelligence	1 Nov. 98	June 98	3	1	13	5	10	0
135	357	Valentine S. Nelson	Olympia	30 July 96	June 93	3	0	13	3	9	3
	358	William S. Benson	Chicago	1 Dec. 98	Aug. 96	3	0	14	6	10	11
	359	William V. Bronaugh	Castine	25 Feb. 97	Sept. 94	3	0	14	11	9	5

LIEUTENANTS.

Number in grade.	Unemployed.		Appointed from—	Entry and promotions.					
				Cadet midshipman.	Midshipman.	Ensign.	Master.	Lieutenant (junior grade).	Lieutenant.
65	2	6	Ohio	30 Sept.70	1 June74	17 July 75	17 May 81	3 Mar. 83	21 Apr. 87
	1	4	New Hampshire	24 June70	do	do	22 May 81	do	21 May 87
	1	0	Iowa	30 Sept.70	15 Oct. 74	do	28 May 81	do	26 May 87
70	1	1	At large	23 Sept.70	1 June74	do	1 June81	do	30 June 87
	2	3	Pennsylvania	29 Sept.70	do	do	11 June81	do	do
	1	7	Missouri	22 Sept.70	do	do	30 Aug.81	do	do
75	1	7	Alabama	30 June70	do	do	14 Sept.81	do	1 July 87
	1	7	At large	29 Sept.70	21 June75	18 July 76	21 Dec. 81	do	1 July 88
	2	2	At large	28 June70	15 Oct. 74	17 July 75	15 Oct. 81	do	1 Nov. 87
80	2	1	Pennsylvania	21 Sept.70	1 June74	17 July 76	28 Oct. 81	do	2 Jan. 88
	2	3	Georgia	9 June71	21 June75	18 July 76	15 Nov. 81	do	28 May 88
	3	0	Tennessee	30 Sept.71	do	do	25 Nov. 81	do	1 June 88
85	1	6	At large	22 Sept.71	do	do	1 Dec. 81	do	19 June 88
	2	3	District of Columbia	21 June70	do	do	8 Apr. 82	do	15 Mar. 89
	2	2	Ohio	29 Sept.70	do	do	1 Feb. 82	do	28 Sept. 88
90	1	11	Indiana	22 Sept.71	do	do	4 Feb. 82	do	31 Oct. 88
	2	4	Iowa	26 Sept.70	do	do	16 Feb. 82	do	15 Jan. 89
	2	10	Illinois	30 Sept.70	do	do	10 Mar. 82	do	12 Feb. 89
95	1	8	Iowa	23 Sept.70	do	do	1 Apr. 82	do	19 Feb. 89
	3	4	New Hampshire	23 Sept.71	do	do	2 June82	do	17 Mar. 89
	1	5	Minnesota	do	do	do	19 June82	do	23 Mar. 89
100	1	9	Missouri	do	do	do	1 July 82	do	26 Mar. 89
	2	11	New York	13 June71	do	8 Sept.76	28 Nov. 82	do	4 May 89
	1	4	Tennessee	30 Sept.70	do	9 Sept.76	29 Nov. 82	do	12 May 89
105	1	7	Alabama	21 Sept.70	23 Sept.75	9 Oct. 76	do	25 June83	27 June 89
	1	5	Massachusetts	16 June70	21 June75	24 Dec. 77	do	21 July 83	4 Aug. 89
	1	7	Illinois	30 Sept.70	do	11 July 77	do	24 Aug. 83	9 Sept. 89
110	2	7	Tennessee	13 June71	17 Sept.75	3 Aug.77	do	13 Oct. 83	24 Oct. 89
	1	9	North Carolina	12 June71	21 June75	21 Nov.77	do	16 Nov. 83	3 Jan. 89
	1	0	Pennsylvania	13 June72	20 June76	25 Nov.77	do	10 Jan. 84	28 Feb. 99
115	3	0	At large	8 June72	do	do	do	9 Feb. 84	do
	1	0	Illinois	27 Sept.72	do	do	do	14 July 84	5 Mar. 90
	2	5	Ohio	6 June72	do	26 Nov.77	do	2 Sept.84	do
120	1	2	Virginia	do	do	1 Dec. 77	do	3 Nov. 84	31 July 90
	2	3	New York	22 Sept.71	do	11 Dec. 77	do	2 Dec. 84	20 Sept. 90
	3	8	New York	6 June72	do	14 Dec. 77	do	26 Dec. 84	15 Oct. 90
125	2	0	Vermont	14 June72	do	26 Feb. 78	do	25 Feb. 85	5 Dec. 90
	3	8	Tennessee	8 June72	do	28 Apr. 78	do	2 June85	27 Jan. 91
	1	9	Ohio	16 Oct. 72	do	9 May 78	do	15 June85	19 Feb. 91
130	2	0	Arkansas	22 Sept.71	do	5 Feb. 79	do	20 Jan. 86	2 Aug. 91
	2	7	At large	6 June72	do	12 July 78	do	2 Aug. 85	14 May 91
	1	9	Connecticut	13 June72	do	22 July 78	do	2 Oct. 85	19 May 91
135	3	4	At large	8 June72	do	23 Oct. 78	do	1 Dec. 85	20 May 91
	1	2	New York	9 June71	do	30 Nov. 78	do	1 Jan. 86	29 May 91
	1	5	Arizona Territory	22 Sept.71	do	13 Jan. 79	do	17 Jan. 86	30 June 91
140	1	11	At large	9 June71	do	29 Mar. 79	do	4 Mar. 86	4 Aug. 91
	1	11	Virginia	8 June72	do	10 July 79	do	19 Apr. 86	27 Sept. 91
	2	4	Pennsylvania	24 Sept.72	20 June76	do	2 Aug.79	6 May 86	2 Oct. 91
145	3	7	North Carolina	26 Sept.72	do	do	1 July78	13 May 86	5 Nov. 91
	1	11	Virginia	23 Sept.72	do	do	1 Nov. 79	19 May 86	20 Nov. 91
	2	3	Kentucky	10 June72	do	do	do	23 May 86	11 Dec. 91
150	1	8	New Jersey	10 June71	do	do	2 Jan. 80	do	16 Dec. 91
	1	6	Illinois	26 Sept.71	23 Sept.76	do	22 Jan. 80	26 June86	10 Jan. 92
	1	8	Missouri	21 Sept.71	20 June76	do	24 Feb. 80	1 July 86	3 Apr. 92
155	1	7	At large	25 Sept.72	do	do	10 Mar. 80	5 Aug. 86	5 May 92
	1	1	New York	25 Sept.73	18 June79	do	13 Mar. 80	7 Oct. 86	28 May 92
	2	10	Georgia	29 Sept.73	do	do	26 Nov. 80	21 Apr. 87	24 Aug. 92
160	1	1	Wisconsin	7 June73	do	do	18 Mar. 80	9 Nov. 86	29 May 92
	2	9	Michigan	24 Sept.73	do	do	11 July 80	14 Dec. 86	30 June 92
	0	11	Missouri	12 June73	do	do	do	26 Jan. 87	1 July 92
165	1	0	Maine	10 June73	do	do	11 Oct. 80	1 Mar. 87	do
	1	8	New York	9 June73	do	do	23 Nov. 80	6 Mar. 87	21 July 92
	2	1	Massachusetts	24 Sept.73	do	do	1 Jan. 81	21 May 87	4 Dec. 92
170	2	0	Tennessee	12 June73	do	do	do	26 May 87	9 Jan. 93
	1	4	North Carolina	10 June73	do	do	10 Jan. 81	30 June87	25 Jan. 93
	1	10	Mississippi	25 Sept.73	do	do	24 Feb. 81	do	7 Feb. 93
175	1	7	Rhode Island	9 June73	do	do	12 Mar. 81	1 July 87	17 Feb. 93
	1	5	Indiana	10 June73	do	do	28 Mar. 81	25 Aug. 87	25 Feb. 93
	1	2	Massachusetts	24 Sept.73	do	do	22 Apr. 81	4 Sept. 87	27 Apr. 93
180	2	1	Wisconsin	10 June73	do	do	17 May 81	1 Nov. 87	9 May 93
	1	6	At large	do	do	do	1 June81	31 Mar. 88	15 May 93
	2	10	At large	26 Sept.72	do	do	11 June81	22 May 88	10 June 93
185	3	1	Tennessee	10 June73	do	do	14 Dec. 80	21 May 87	18 Nov. 92
	0	9	Georgia	23 Sept.72	do	do	27 July 81	28 May 88	27 June 93
	1	3	Kentucky	7 June73	do	do	30 Aug. 81	1 June 88	do

a Entered as midshipman; title changed to cadet midshipman by act of Congress approved July 15, 1870, but no new appointment issued.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
140	360	Frank M. Bostwick	Charleston	10 May 98	July 96	3	8	15	9	7	9
	361	James H. Oliver	Torpedo station	13 Feb. 98	Dec. 97	5	0	16	0	7	11
	362	Harry M. Dombaugh	Training-ship Adams	15 July 96	July 93	5	14	4	4	9	0
145	363	Simon Cook	Princeton	27 May 98	Sept. 97	2	6	14	7	8	7
	364	Thomas S. Rodgers	Monterey	19 May 97	May 95	2	2	13	3	10	0
	365	John G. Quinby	Nashville	12 Jan. 97	June 94	2	7	14	3	9	1
	366	James H. Glennon	Naval Station, Havana, Cuba	21 Dec. 98	Dec. 98	10	12	10	12	10	2
	367	Percival J. Werlich	Olympia	— Dec. 98	Oct. 96	2	10	12	9	10	6
	368	William R. Rush	Brooklyn	1 Dec. 96	Dec. 98	1	15	0	9	1	7
	369	Harry P. Huse	Naval Academy	29 Sept. 98	Sept. 98	3	6	13	0	9	7
	370	Harry S. Knapp	Naval Academy	22 Sept. 96	do	3	3	11	10	11	0
	371	William L. Rodgers	Navy-yard, Washington	3 Nov. 98	Oct. 98	2	9	11	4	10	11
	372	Roy C. Smith	Inspection duty (Bu. Eq.)	14 Nov. 98	Nov. 98	3	3	11	6	10	7
155	373	Albert N. Wood	Petrel	16 Dec. 96	Jan. 94	2	1	14	9	8	0
	374	Edward Lloyd, jr.	Solace	30 Apr. 98	Aug. 96	3	0	13	0	10	7
	375	Richard M. Hughes	Machias	28 May 95	June 92	3	7	16	7	6	9
	376	Charles N. Atwater	Naval Academy	26 Sept. 98	Sept. 98	3	1	12	9	11	6
	377	John H. L. Holcombe	Manila	8 Dec. 96	Aug. 96	2	7	11	0	12	1
	378	William L. Burdick	Lancaster	29 Apr. 98	May 97	3	6	17	10	5	9
	379	Harry Kimmell	Monterey	26 Feb. 96	Nov. 95	3	7	15	3	6	1
	380	George R. Clark	Yorktown	17 Mar. 98	Sept. 95	2	1	15	9	7	2
	381	George H. Stafford	Receiving-ship Pensacola	1 Dec. 98	Nov. 98	2	7	14	4	7	4
	382	Allen G. Rogers	Monadnock	15 Nov. 94	July 94	4	1	16	10	5	9
160	383	William P. White	Indiana	15 Mar. 98	July 96	2	7	15	2	7	3
	384	John H. Shipley	Naval Academy	30 Aug. 98	Aug. 98	2	11	14	3	7	5
	385	John E. Craven	Yosemite	27 July 97	Mar. 95	2	1	14	6	8	3
	386	James H. Hetherington	Receiving-ship Independence	15 Sept. 98	Sept. 98	2	1	15	5	6	4
	387	John J. Knapp	Navy-yard, Washington	10 Oct. 98	Oct. 98	2	0	10	12	1	1
	388	Augustus C. Almy	New York	12 Nov. 97	Feb. 96	2	1	15	2	9	8
	389	John Hood	Topeka	27 July 97	June 95	1	7	12	0	10	11
	390	Le Roy M. Garrett	Navy-yard, New York	19 Sept. 98	Sept. 98	3	3	15	1	7	10
	391	Charles C. Marsh	Waiting orders	— Dec. 98	Dec. 98	3	6	12	9	10	2
	392	John B. Blish	Training-ship Vicksburg	15 Apr. 98	Dec. 97	2	11	12	8	8	9
175	393	Carl W. Jungen	Br. Hydro. Office, New York	17 Dec. 98	Oct. 98	3	1	14	11	7	4
	394	Charles H. Harlow	Vixen	1 May 97	Apr. 95	1	8	12	6	9	11
	395	William A. Gill	Duty with Farragut	21 Oct. 98	Oct. 98	1	3	12	6	10	2
	396	Thomas W. Ryan	Navy-yard, New York	14 Nov. 98	Dec. 97	2	9	13	4	8	9
	397	Walter J. Sears	Ast. Ord. Insp., Bliss & Co. Works	16 Sept. 98	Aug. 97	1	11	13	6	8	4
	398	John Gibson	Boston	30 July 96	Dec. 93	2	5	11	9	11	11
	399	John A. Bell	Navy-yard, New York	28 July 96	Dec. 97	2	2	14	9	8	7
	400	John A. Dougherty	Navy-yard, New York	9 Sept. 98	July 97	1	9	12	4	10	6
	401	Daniel P. Menefee	Naval Academy	13 Aug. 98	Apr. 97	1	3	13	6	9	10
	402	John B. Bernadou	Bureau of Ordnance	19 Aug. 98	Aug. 98	0	8	10	12	10	5
180	403	John H. Gibbons	Newark	21 May 98	Apr. 97	1	9	11	9	10	5
	404	Thomas Snowden	Dolphin	24 Mar. 98	Nov. 97	1	5	12	2	10	9
	405	Edwin H. Tillman	Naval Academy	15 Sept. 97	Sept. 97	1	6	12	3	9	4
	406	Robert F. Lopez	Duty with Rowan	21 Oct. 98	Nov. 96	0	7	13	9	9	2
	407	Frank W. Kellogg	Baltimore	18 July 96	July 94	2	5	13	9	7	1
	408	John L. Purcell	Sick leave	4 Oct. 98	Oct. 98	1	3	12	4	10	3
	409	Renben O. Bitler	Branch Hydro. Office, Norfolk	17 Oct. 98	do	1	3	14	4	8	5
	410	Harry Phelps	Texas	1 Feb. 97	Aug. 94	2	2	13	6	8	3
	411	Patrick W. Hourigan	Concord	22 May 97	Apr. 95	1	10	12	11	8	2
	412	Homer C. Poundstone	Bureau of Ordnance	10 Oct. 98	Oct. 98	0	5	14	3	9	1
190	413	Albert A. Ackerman	Oregon	13 Aug. 96	June 93	3	4	11	5	10	4
	414	Albert P. Niblack	Olympia	21 May 98	May 95	0	3	10	6	10	1
	415	William Truxton	Chicago	15 July 96	June 94	2	2	15	4	6	6
	416	Stokely Morgan	Returning from Olympia	— Dec. 98	Dec. 98	2	3	12	3	9	8
	417	Francis J. Haeseler	Navy-yard, Washington	15 Aug. 98	Aug. 98	1	10	11	9	10	0
	418	Edward Simpson	Brooklyn	1 Feb. 98	May 96	0	11	13	5	8	8
	419	William C. F. Muir	Naval Academy	20 Sept. 98	Sept. 98	1	9	11	9	9	9
	420	Edward F. Leiper	Training-ship Essex	16 Apr. 98	June 96	1	0	12	11	10	1
	421	Joseph H. Rohrbacher	Inspector of Steel (Bu. Ord.)	4 Jun. 98	Nov. 97	1	0	11	11	9	6
	422	William S. Sims	Attaché, Paris and St. Petersburg	30 Apr. 97	July 96	0	0	12	8	8	0
200	423	Miles C. Gorgas	Wheeling	11 Sept. 98	May 96	0	4	12	10	9	9
	424	Louis S. Van Duzer	Iowa	28 June 97	Mar. 95	1	6	12	3	8	1
	425	Wilson W. Buchanan	Monterey	2 June 98	Mar. 95	1	9	12	10	9	3
	426	Augustus N. Mayer	Naval Observatory	16 Sept. 98	July 97	0	8	12	2	9	1
	427	Frederick R. Brainard	Inspection duty (Bu. Eq.)	8 Nov. 98	Oct. 98	1	7	13	2	8	8
	428	William E. Safford	Iris	17 Apr. 98	Apr. 97	0	9	9	0	12	0
	429	William J. Maxwell	Commanding Sylph	22 Oct. 94	July 92	1	6	13	1	9	9
	430	Franklin Swift	Sick leave	29 July 98	July 98	1	3	15	2	7	0
	431	John F. Luby	Tr. ship and sta., Newport	22 Oct. 98	Sept. 98	1	4	15	4	7	7
	432	Lewis J. Clark	Detroit	8 June 97	Feb. 95	1	7	14	7	6	5
210	433	Theodore G. Dewey	Training-ship Essex	22 June 96	Nov. 94	1	6	13	8	8	1
	434	Hugh Rodman	Raleigh	29 Apr. 97	Nov. 95	1	6	14	2	8	2

LIEUTENANTS.

Number in grade.	Unemployed.	Appointed from—	Entry and promotions.					
			Cadet Midshipman.	Midshipman.	Ensign (junior grade).	Ensign.	Lieutenant (junior grade).	Lieutenant.
140	1	Wisconsin	20 Sept. 73	18 June 79		30 Aug. 81	19 June 88	27 June 93
	1	Georgia	18 June 73	do		1 Oct. 81	28 Sept. 88	4 July 93
	2	Ohio	8 June 72	do		12 Oct. 81	15 Jan. 89	do
145	1	Missouri	10 June 73	do		15 Nov. 81	15 Mar. 89	27 Sept. 93
	1	At large	24 Sept. 74	4 June 80		1 Dec. 81	23 Mar. 89	1 Oct. 93
	1	At large	12 June 74	do		1 Feb. 82	26 Mar. 89	5 Nov. 93
150	1	California	24 Sept. 74	do		4 Feb. 82	do	26 Dec. 93
	2	Wisconsin	9 June 73	18 June 79		6 Nov. 81	19 Feb. 89	15 Sept. 93
	2	Louisiana	10 June 72	do		15 Oct. 81	11 Feb. 89	26 Dec. 93
155	1	New York	30 Sept. 74	4 June 80		2 June 82	27 June 89	13 May 94
	1	Connecticut	26 June 74	do		16 Feb. 82	31 Mar. 89	23 Jan. 94
	2	California	11 June 74	do		1 Apr. 82	4 May 89	4 Feb. 94
160	1	Virginia	3 Oct. 74	do		8 Apr. 82	12 May 89	22 Feb. 94
	2	Indiana	25 Sept. 73	do		15 Apr. 82	15 May 89	11 Apr. 94
	1	Maryland	17 June 74	do		11 May 82	13 June 89	16 Apr. 94
165	1	Pennsylvania	25 Sept. 74	do		19 June 82	4 Aug. 89	22 June 94
	1	New York	28 Sept. 73	do		10 June 82	9 Sept. 89	do
	1	Georgia	27 June 74	do		1 July 82	24 Oct. 89	10 July 94
170	1	Ohio	27 Sept. 73	18 June 79		28 Nov. 82	3 Jan. 90	21 July 94
	2	Pennsylvania	28 Sept. 74	4 June 80		19 Dec. 82	7 Jan. 90	31 July 94
	1	Ohio	9 June 74	do	3 Mar. 83	24 Aug. 83	16 Feb. 90	19 Aug. 94
175	1	Iowa	10 June 74	do	do	13 Oct. 83	28 Feb. 90	7 Sept. 94
	2	North Carolina	12 June 74	do	do	1 Dec. 83	do	16 Sept. 94
	1	At large	30 June 74	do	do	9 Feb. 84	5 Mar. 90	20 Sept. 94
180	1	Missouri	30 Sept. 74	do	do	16 Apr. 84	do	11 Nov. 94
	1	At large	24 Sept. 74	do	do	26 June 84	31 July 90	6 Dec. 94
	2	Iowa	9 June 74	do	do	do	20 Sept. 90	9 Dec. 94
185	1	Missouri	do	do	do	do	15 Oct. 90	2 Feb. 95
	1	At large	7 June 72	do	do	do	28 Oct. 90	1 Mar. 95
	1	Alabama	10 Sept. 75	10 June 81	do	do	5 Dec. 90	28 Apr. 95
190	0	New York	18 Sept. 75	do	do	do	19 Feb. 91	21 May 95
	0	Indiana	do	do	do	do	14 May 91	7 June 95
	1	Indiana	do	do	do	do	19 May 91	15 June 95
195	2	Wisconsin	24 Sept. 74	do	do	do	20 May 91	1 Aug. 95
	0	New York	18 Sept. 75	do	do	do	29 May 91	1 Sept. 95
	0	Pennsylvania	24 June 75	do	do	do	25 June 91	4 Oct. 95
200	3	Pennsylvania	16 June 73	4 June 80	do	2 May 84	31 July 91	12 Oct. 95
	1	Pennsylvania	24 June 75	10 June 81	do	26 June 84	4 Aug. 91	5 Nov. 95
	0	Kentucky	9 June 74	do	do	do	27 Sept. 91	28 Dec. 95
205	1	West Virginia	13 June 74	do	do	do	2 Oct. 91	29 Dec. 95
	1	Missouri	12 June 74	do	do	do	5 Nov. 91	5 Jan. 96
	0	California	25 Sept. 74	do	do	do	11 Dec. 91	18 Feb. 96
210	0	At large	22 Sept. 76	22 June 82	do	do	1 July 92	21 June 96
	1	Michigan	18 Sept. 75	10 June 81	do	do	16 Dec. 91	28 Feb. 96
	0	New York	25 June 75	do	do	do	10 Jan. 92	11 Mar. 96
215	1	Tennessee	18 Sept. 75	do	do	do	3 Apr. 92	12 Mar. 96
	1	Tennessee	29 Sept. 74	do	do	do	16 Apr. 92	1 Apr. 96
	2	Connecticut	24 June 75	do	do	do	5 May 92	3 Apr. 96
220	2	New Jersey	30 Sept. 73	do	do	do	28 May 92	29 Apr. 96
	1	Pennsylvania	24 June 75	do	do	do	29 May 92	do
	0	New Jersey	22 Sept. 76	22 June 82	do	do	19 June 92	10 May 96
225	0	New York	24 June 76	do	do	do	30 June 92	12 June 96
	0	West Virginia	24 Sept. 74	do	do	do	1 July 92	4 July 96
	0	New Jersey	24 June 76	do	do	do	21 July 92	4 Sept. 96
230	1	Indiana	22 Sept. 76	do	do	do	24 Aug. 92	5 Sept. 96
	0	At large	24 June 76	do	do	do	18 Nov. 92	do
	0	Arkansas	do	do	do	do	4 Dec. 92	1 Oct. 96
235	0	Pennsylvania	22 Sept. 76	do	do	do	9 Jan. 93	1 Oct. 96
	0	At large	24 June 76	do	do	do	25 Jan. 93	11 Nov. 96
	1	Kentucky	do	do	do	do	7 Feb. 93	0 Nov. 96
240	0	Pennsylvania	25 June 75	do	do	do	25 Feb. 93	18 Nov. 96
	1	Pennsylvania	24 June 76	do	do	do	7 Mar. 93	16 Dec. 96
	1	Pennsylvania	do	do	do	do	9 May 93	1 Jan. 97
245	0	At large	18 Sept. 75	do	do	do	15 May 93	5 Jan. 97
	1	New York	22 Sept. 76	do	do	do	10 June 93	do
	1	Ohio	25 June 75	do	do	do	27 June 93	29 Jan. 97
250	1	Iowa	24 June 76	do	do	do	do	24 Feb. 97
	0	Illinois	do	do	do	do	do	14 Mar. 97
	1	Ohio	22 Sept. 76	do	do	do	4 July 93	21 Mar. 97
255	1	At large	9 June 74	do	do	do	do	6 Apr. 97
	2	Massachusetts	do	do	do	do	do	29 Mar. 97
	0	New York	do	do	do	do	do	18 May 97
260	0	7 New Jersey	25 June 75	do	do	do	22 July 93	18 May 97
	1	3 Alabama	22 Sept. 76	do	do	do	15 Sept. 93	4 June 97
	1	9 South Carolina	25 June 75	do	do	do	27 Sept. 93	19 June 97
265	0	11 Kentucky	18 Sept. 75	do	do	do	1 Oct. 93	13 July 97

LIEUTENANTS.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
215	435	John A. Hoogewerff	Cincinnati	27 July 97	July 95	1	5	10	3	10	11
	436	Edward E. Capehart	New York	15 Apr. 96	June 93	1	4	11	1	9	6
220	437	Henry B. Wilson	Indiana	2 Sept. 96	Oct. 93	1	3	12	1	9	6
	438	George P. Blow	Ordered to Naval Academy	15 Dec. 98	Dec. 98	1	2	11	6	9	11
225	439	Spencer S. Wood	Massachusetts	23 Sept. 97	May 95	1	3	10	7	9	6
	440	Guy W. Brown	Philadelphia	23 June 96	July 95	1	3	15	4	5	11
230	441	William B. Fletcher	Inspection duty (Bu. Ord.)	18 Nov. 98	Nov. 98	1	1	13	3	7	1
	442	Marbury Johnston	Justin	28 Aug. 97	May 95	1	2	13	0	6	7
235	443	William B. Whittlesey	Inspection duty (Bu. Ord.)	5 Jan. 98	Dec. 97	0	0	11	4	8	6
	444	Edwin A. Anderson	Commanding Sandoval	11 Apr. 96	Oct. 93	0	9	13	0	6	1
240	445	Joseph L. Jayne	Commanding Peoria	2 Apr. 98	Oct. 96	0	9	8	11	9	2
	446	James G. Doyle	Brooklyn	1 Dec. 96	Mar. 94	0	11	11	2	9	7
245	447	Albert K. Coyle	Attaché Tokio and Pekin	8 Nov. 98	Sept. 98	0	4	11	11	8	8
	448	William L. Howard	Boston	18 Nov. 95	Apr. 93	0	10	10	3	9	2
250	449	Wiley R. M. Field	Montgomery	23 Apr. 95	do	0	10	12	7	7	3
	450	John M. Poyer	Navy-yard, Washington	2 Sept. 98	Sept. 98	0	4	12	0	8	11
255	451	Charles P. Eaton	Asst. Br. Hydro. Office, New York	2 Nov. 98	do	0	5	12	4	5	8
	452	John M. Ellicott	Baltimore	31 Oct. 96	Aug. 94	0	8	10	11	8	0
260	453	Harry George	Naval Academy	26 Sept. 98	Mar. 98	0	0	11	11	7	0
	454	Frederick L. Chapin	Indiana	16 May 98	Jan. 98	0	7	12	1	6	4
265	455	Harry A. Field	Philadelphia	1 July 96	Mar. 96	0	7	12	1	6	3
	456	Chester M. Knepper	School-ship St. Mary's	1 Nov. 98	Oct. 98	0	5	10	2	7	4
270	457	Clarence S. Williams	Commanding Gwin	5 Apr. 98	July 96	0	7	9	4	7	11
	458	Albert M. Beecher	Inspector of Ordnance, Cramp's	17 Oct. 98	Feb. 98	0	0	11	2	6	2
275	459	Frank K. Hill	Bureau of Equipment	2 Sept. 98	Aug. 95	0	2	9	7	7	4
	460	Roger Welles, jr.	School-ship Enterprise	10 Feb. 98	Jan. 97	0	3	10	8	7	5
280	461	John D. McDonald	Monterey	24 Jan. 98	July 96	0	5	12	10	4	8
	462	Walter O. Hulme	Navy-yard, Pensacola	27 Aug. 98	Aug. 98	0	1	11	10	5	11
285	463	Henry E. Parmenter	Nero	2 Mar. 96	Apr. 94	0	5	11	9	5	10
	464	Hilary P. Jones, jr.	Chicago	25 May 98	June 97	0	2	11	1	6	9
290	465	William R. Shoemaker	Commanding Talbot	4 Apr. 98	June 96	0	3	10	7	7	8
	466	Isaac K. Seymour	Bureau of Ordnance	21 June 97	June 97	0	0	10	7	7	1
295	467	Charles M. Fahs	Training ship Essex	27 July 97	Feb. 96	0	2	10	1	7	3
	468	Charles P. Plunkett	Petrel	22 Oct. 96	Dec. 94	0	2	9	9	8	10
300	469	Humes H. Whittlesey	Bureau of Navigation	8 June 96	Apr. 96	0	0	8	0	9	5
	470	Albert C. Dieffenbach*	Works E. W. Bliss & Co.	1 Apr. 98	Mar. 98	0	0	8	8	7	10
305	471	Theodore C. Fenton	Asst. to Bu. Ordnance	9 July 98	July 96	0	0	7	8	8	11

LIEUTENANTS (JUNIOR GRADE), ACTIVE LIST (76).

	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
5	472	Volney O. Chase	Detroit	1 Sept. 97	Oct. 95	1	4	10	9	6	0
	473	George R. Shown	Charleston	14 Apr. 96	July 94	2	9	11	4	5	5
10	474	William G. Mether	Philadelphia (staff)	1 Mar. 95	Jan. 93	2	6	11	2	5	3
	475	George W. Kline	Training-ship Annapolis	29 Nov. 97	May 95	2	2	10	6	5	11
15	476	John P. McGuinness	Fish Com. steamer Albatross	17 May 98	Feb. 98	2	6	11	6	5	2
	477	Joseph Strauss	Lancaster	8 Dec. 96	June 93	2	1	10	2	6	8
20	478	Charles S. Stanworth	Baltimore	24 Dec. 95	Dec. 93	2	6	11	2	5	7
	479	Robert L. Russell	Receiving-ship Vermont	24 Dec. 98	Oct. 98	2	6	11	8	5	6
25	480	Harrison A. Bispham	Texas	20 May 96	May 93	2	8	10	4	6	4
	481	Armistead Rust	Princeton	18 Nov. 97	Oct. 96	1	6	9	1	6	7
30	482	George R. Evans	Returning from Caesar	— Dec. 98	Dec. 98	1	10	10	6	6	6
	483	Edward W. Eberle	Oregon	15 July 96	July 94	2	6	11	0	5	9
35	484	Charles M. McCormick	Concord	4 Jan. 98	June 96	1	0	11	4	5	6
	485	Glennie Tarbox	Iowa	16 June 97	May 96	1	6	10	4	6	3
40	486	William W. Gilmer	Vulcan	17 Apr. 98	Nov. 97	1	11	12	3	5	0
	487	Robert E. Coontz	Charleston	3 Mar. 96	Oct. 93	2	4	10	10	5	6
45	488	William H. G. Bullard	Naval Academy	20 Sept. 98	Sept. 98	2	0	9	8	6	3
	489	Webster A. Edgar	Yankton	2 July 98	Oct. 97	1	7	9	4	6	7
50	490	Joseph W. Oman	Helena	13 June 97	Dec. 94	1	7	9	7	6	7
	491	Philip Andrews	Insp. Ord. So. Bethlehem	19 Nov. 98	Oct. 98	1	11	10	2	5	11
55	492	William H. Faust	Naval Academy	30 Aug. 98	Aug. 97	0	9	9	1	5	9
	493	Harold K. Hines	Navy-yard, New York	16 Sept. 98	Sept. 98	1	4	9	6	6	2
60	494	Ryland D. Tisdale	Navy-yard, Washington	20 Jan. 98	Dec. 97	1	0	9	4	6	9

* Subject to confirmation.

Number in grade.	Unemployed.		Appointed from—	Entry and promotions.							
				Cadet Midshipman.	Midshipman.	Naval Cadet.	Ensign (junior grade).	Ensign.	Lieutenant (junior grade).	Lieutenant.	
											Ye	Ms
215	0	4	At large.....	27 June 77			5 Aug. 82	1 July 84	26 June 84	5 Nov. 93	21 July 97
	0	11	Ohio.....	do			do	do	do	26 Dec. 93	28 Aug. 97
	0	8	New Jersey.....	22 Sept. 76			do	do	do	2 Feb. 94	16 Sept. 97
	0	10	Virginia.....	do			do	do	do	22 Feb. 94	do
220	0	5	New York.....	28 June 78			do	1 July 84	11 Apr. 94	do	do
	2	3	Indiana.....	24 June 75	22 June 82			3 Mar. 83	26 June 84	16 Apr. 94	26 Sept. 97
	0	11	Vermont.....	22 Sept. 77			5 Aug. 82	1 July 84	13 May 94	29 Oct. 97	do
	0	8	Georgia.....	30 Sept. 78			do	do	do	22 June 94	7 Nov. 97
225	0	8	New York.....	28 June 78			do	do	do	do	5 Dec. 97
	1	5	North Carolina.....	do			do	do	do	30 Sept. 94	28 Mar. 98
	2	5	Mississippi.....	do			do	do	do	10 July 94	17 Dec. 97
	0	9	Pennsylvania.....	27 June 77			do	do	do	21 July 94	25 Jan. 98
230	0	11	Tennessee.....	do			do	do	do	19 Aug. 94	6 Feb. 98
	1	10	Connecticut.....	22 Sept. 77			do	do	do	7 Sept. 94	10 Mar. 98
	0	8	Virginia.....	28 June 78			do	do	do	16 Sept. 94	14 Mar. 98
	0	8	At large.....	27 June 77			do	do	do	11 Nov. 84	8 Apr. 98
235	1	3	Wisconsin.....		1 Oct. 79			1 July 85	6 Dec. 94	13 Apr. 98	do
	0	4	Maryland.....		do			do	9 Dec. 94	23 Apr. 98	do
	0	7	Michigan.....	16 June 79			do	do	14 Feb. 95	27 Apr. 98	do
	0	10	Illinois.....	29 Sept. 79			do	do	do	1 Mar. 95	do
240	0	11	Virginia.....		1 Oct. 79			do	do	23 Apr. 95	1 May 98
	0	9	Pennsylvania.....		1 Oct. 80			1 July 86	28 Apr. 95	11 May 98	do
	1	0	Ohio.....	25 Sept. 80			do	do	10 May 95	27 May 98	do
	1	8	Iowa.....	11 June 80			do	do	7 June 95	5 June 98	do
245	1	1	Ohio.....		1 Oct. 80			do	15 June 95	7 June 98	do
	0	3	Connecticut.....	25 Sept. 80			do	do	1 Aug. 95	3 July 98	do
	0	9	Nevada.....	9 Oct. 80			do	do	1 Sept. 95	17 July 98	do
	0	6	New Jersey.....		1 Oct. 80			do	do	4 Oct. 95	10 Aug. 98
250	0	7	Rhode Island.....		do			do	12 Oct. 95	do	do
	0	5	Virginia.....	25 Sept. 80			do	do	16 Oct. 95	do	do
	0	3	New Mexico.....	14 June 80			do	do	29 Oct. 95	6 Oct. 98	do
	0	8	Maine.....	25 Sept. 80			do	do	5 Nov. 95	9 Oct. 98	do
250	0	11	Alabama.....		1 Oct. 80			do	do	do	15 Nov. 98
	0	7	Dist. of Columbia.....	3 Oct. 79			do	do	do	do	do
	0	10	Indiana.....		1 Oct. 80			do	do	28 Dec. 95	22 Nov. 98
	0	9	Pennsylvania.....		1 Oct. 81			do	do	29 Dec. 95	9 Dec. 98
0	8	Pennsylvania.....	3 Oct. 79			do	do	do	5 Jan. 96	25 Dec. 98	

LIEUTENANTS (JUNIOR GRADE), ACTIVE LIST (76).

Number in grade.	Unemployed.		Appointed from—	Cadet Engineer.	Cadet Midshipman.	Naval Cadet.	Ensign.	Lieutenant (junior grade).
5	0	5	Louisiana.....	1 Oct. 81		5 Aug. 82	1 July 87	18 Feb. 96
	0	6	Illinois.....		28 Sept. 81	do	do	28 Feb. 96
	0	10	Virginia.....	1 Oct. 81		do	do	11 Mar. 96
	0	10	New Jersey.....	do		do	do	12 Mar. 96
10	0	7	Idaho.....		28 Sept. 81	do	do	1 Apr. 96
	0	5	Virginia.....	1 Oct. 81		do	do	3 Apr. 96
	0	6	Virginia.....	do		do	do	29 Apr. 96
	0	4	Georgia.....		14 June 81	do	do	do
15	0	7	Pennsylvania.....	1 Oct. 81		do	do	4 May 96
	1	6	Virginia.....	do		do	do	10 May 96
	0	3	Massachusetts.....	do		do	do	9 June 96
	0	6	Arkansas.....		28 Sept. 81	do	do	12 June 96
20	0	5	Virginia.....	1 Oct. 81		do	do	21 June 96
	0	8	South Carolina.....		1 Oct. 81	do	do	4 July 96
	1	3	Virginia.....		16 June 80	do	do	4 Sept. 96
	0	11	Missouri.....		28 Sept. 81	do	do	5 Sept. 96
20	0	3	Pennsylvania.....			28 Sept. 82	1 July 88	do
	1	4	New York.....			5 Aug. 82	do	1 Oct. 96
	0	4	Pennsylvania.....			17 June 82	do	11 Oct. 96
	0	3	New Jersey.....			do	do	1 Nov. 96
20	1	5	Ohio.....			do	do	10 Nov. 96
	0	7	Kentucky.....			2 Oct. 82	do	18 Nov. 96
	0	3	Kentucky.....			28 Sept. 82	do	6 Dec. 96

LIEUTENANTS.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
25	495	Samuel M. Strite.....	Returning from Olympia.....	— Dec. 98	Dec. 98	2	0	10	10	4	11
	496	George F. Cooper.....	Naval Academy.....	20 Sept. 98	Mar. 97	0	3	8	5	7	4
	497	Edward T. Witherspoon	Topeka.....	13 Nov. 97	July 96	1	2	10	10	4	5
30	498	Benton C. Decker.....	Panther.....	5 Feb. 96	Feb. 94	1	10	8	8	6	0
	499	Mark L. Bristol.....	Texas.....	1 Dec. 96	Nov. 94	1	10	10	5	4	9
	500	Benjamin W. Wells, jr.	Navy-yard, Norfolk.....	3 Dec. 98	Nov. 98	1	8	9	2	6	0
	501	Newton A. McCully.....	Duty with Fox.....	25 Sept. 98	Sept. 98	1	5	8	11	6	3
	502	Levi C. Bertolette.....	Amphitrite.....	10 June 96	Nov. 93	1	8	9	8	5	1
	503	George W. Logan.....	Buffalo.....	22 Sept. 98	Jan. 98	0	11	8	10	5	9
	504	Edward Mosale, jr.....	Helena.....	7 July 97	Apr. 95	1	6	9	10	6	0
	505	Henry F. Bryan.....	Newark.....	21 May 98	Sept. 97	0	10	8	11	6	2
	506	Andrew T. Long.....	School-ship Saratoga.....	11 Nov. 98	Nov. 93	1	4	9	10	5	6
	507	Edward H. Durell.....	Wheeling.....	15 July 96	July 94	1	5	9	9	5	4
40	508	Archibald H. Scales.....	Topeka.....	12 May 98	Dec. 97	0	11	9	5	5	7
	509	Ford H. Brown.....	Philadelphia.....	28 Dec. 95	Sept. 93	1	1	9	6	5	9
	510	Victor Blue.....	Commanding Alvarado.....	9 Apr. 98	July 96	0	9	8	9	5	10
	511	Clarence M. Stone.....	Naval Academy.....	3 Sept. 98	Aug. 98	0	8	8	11	5	10
	512	Thomas Washington.....	Indiana.....	31 Oct. 94	Nov. 92	1	1	9	5	5	4
	513	Francis Boughter.....	Yosemite.....	11 Sept. 97	June 97	1	3	10	5	4	4
	514	Archibald H. Davis.....	School-ship Saratoga.....	7 Dec. 98	Sept. 98	0	10	8	11	6	0
	515	Guy H. Burrage.....	Navy-yard, Mare Island.....	15 Dec. 98	Dec. 98	1	2	9	2	5	4
	516	Frank M. Russell.....	Sick leave.....	28 Aug. 98	Aug. 98	0	8	9	2	5	5
	517	Frank Marble.....	New York.....	13 Nov. 96	Apr. 94	0	11	7	11	5	7
50	518	Ashley H. Robertson.....	Castine.....	29 July 98	Apr. 94	0	11	7	10	5	7
	519	Carlo B. Brittain.....	Naval Academy.....	4 Sept. 98	Sept. 98	0	3	8	9	4	9
	520	Casey B. Morgan.....	Raleigh.....	1 Dec. 95	Oct. 93	0	10	8	9	4	8
	521	William M. Crose.....	Newport News, Va.....	29 Dec. 98	Nov. 98	0	8	8	7	4	11
	522	John F. Hubbard.....	Training-ship and sta., Newport.	22 Oct. 98	Oct. 98	0	7	8	0	5	5
	523	Marcus L. Miller.....	Nero.....	20 Feb. 96	Dec. 93	0	9	8	2	5	5
	524	Lloyd H. Chandler.....	Insp'n duty (Bu. Equip. and Ord.)	9 Nov. 98	Oct. 93	0	6	8	1	5	3
	525	George N. Hayward.....	Baltimore.....	26 May 96	Feb. 96	0	9	10	4	3	6
	526	Samuel S. Robison.....	Boston.....	18 Nov. 95	Nov. 93	0	8	8	3	5	3
	527	Henry K. Benham.....	Marietta.....	1 Sept. 97	Dec. 95	0	8	3	5	5	5
60	528	Charles F. Hughes.....	Monterey.....	19 Oct. 96	Feb. 96	0	8	9	6	3	10
	529	Albert L. Norton.....	Iowa.....	11 Mar. 98	May 95	0	8	8	0	5	10
	530	James H. Reid.....	Training-ship and sta., Newport.	5 Oct. 98	Sept. 98	0	5	8	2	5	5
	531	Henry A. Wiley.....	School-ship St. Mary's.....	3 Nov. 98	Aug. 98	0	3	8	7	6	2
	532	Frederic B. Bassett.....	Marietta.....	10 July 96	Aug. 94	0	7	8	7	5	4
	533	Herbert G. Gates.....	Castine.....	8 Dec. 96	Mar. 94	0	7	8	8	4	4
	534	Richard H. Jackson.....	Naval Academy.....	13 Sept. 98	Sept. 98	0	2	7	6	6	3
	535	Arthur Bainbridge Hoff.	Naval Academy.....	1 Oct. 98	Nov. 97	0	7	0	5	5	8
	536	Nathan C. Twining.....	Iowa.....	16 June 97	Nov. 94	0	5	7	0	5	10
	537	Benjamin F. Hutchison.	Monocoacy.....	30 July 96	July 95	0	5	8	5	4	6
70	538	Sumner E. W. Kittelle.....	Dolphin.....	31 Mar. 98	Nov. 97	0	5	7	6	5	7
	539	William V. Pratt.....	Mayflower.....	20 July 97	July 95	0	5	7	5	5	7
	540	George R. Marvell.....	Yankton.....	27 July 96	Nov. 94	0	3	7	3	4	11
	541	Thomas P. Magruder.....	Nashville.....	30 Apr. 96	July 94	0	3	7	11	4	11
	542	William D. MacDougall.....	Lancaster.....	17 Nov. 96	Apr. 95	0	2	8	7	4	5
	543	George B. Bradshaw.....	Callao.....	16 Feb. 98	Dec. 96	0	2	8	2	4	5
	544	Louis R. de Steiguer.....	Montgomery.....	28 Dec. 96	Nov. 94	0	1	7	7	5	2
	545	William W. Phelps.....	Bureau of Navigation.....	5 Oct. 98	Sept. 98	0	0	8	10	4	8
	546	Louis A. Kaiser.....	Concord.....	21 Dec. 96	Aug. 94	0	0	8	6	4	5
	NOT IN THE LINE OF PROMOTION.										
547	Robert Platt.....	Special duty, Fish Commission.....	28 June 95	June 95	6	3	a20	2	a12	2	

a Includes service in Volunteer Navy.

Number in grade.	Unemployed.	Appointed from—	Entry and promotions.				
			Cadet Engineer.	Cadet Midshipman.	Naval Cadet.	Ensign.	Lieutenant (junior grade).
25	0 8	Maryland.....			28 Sept. 82	1 July 88	1 Jan. 97
	0 9	Pennsylvania.....			do	do	5 Jan. 97
	1 0	Connecticut.....			do	do	29 Jan. 97
	1 0	Illinois.....			17 May 83	1 July 89	24 Feb. 97
	0 5	New Jersey.....			19 May 83	do	14 Mar. 97
	0 5	Illinois.....			17 May 83	do	21 Mar. 97
30	0 5	South Carolina.....			19 May 83	do	6 Apr. 97
	0 6	Delaware.....			4 Sept. 83	do	28 Apr. 97
	0 9	Ohio.....			3 Sept. 83	do	16 May 97
	0 8	Montana.....		17 June 82	5 Aug. 82	do	4 June 97
	0 6	Ohio.....			2 May 83	do	19 June 97
35	0 3	North Carolina.....			17 May 83	do	13 July 97
	0 7	Massachusetts.....			do	do	21 July 97
	0 8	North Carolina.....			19 May 83	do	28 Aug. 97
	0 5	Iowa.....			17 May 83	do	16 Sept. 97
40	0 9	South Carolina.....			do	a 12 Dec. 92	5 Dec. 97
	0 7	Indiana.....			25 Sept. 83	1 July 89	16 Sept. 97
	0 10	North Carolina.....			17 May 83	do	do
	0 11	Pennsylvania.....			do	do	26 Sept. 97
	0 8	North Carolina.....			do	do	29 Oct. 97
45	0 10	Massachusetts.....			6 Sept. 83	do	7 Nov. 97
	1 1	Pennsylvania.....			19 May 83	do	17 Dec. 97
	0 10	New York.....			4 Sept. 84	1 July 90	25 Jan. 98
	0 11	Illinois.....			do	do	1 Feb. 98
	1 2	Kentucky.....			19 May 84	do	6 Feb. 98
50	0 11	Mississippi.....			4 Sept. 84	do	16 Feb. 98
	1 2	Indiana.....			19 May 84	do	10 Mar. 98
	1 0	New York.....			5 Sept. 84	do	14 Mar. 98
	0 9	Massachusetts.....			4 Sept. 84	do	28 Mar. 98
	1 0	New Hampshire.....			do	do	8 Apr. 98
55	0 9	New York.....			19 May 84	do	13 Apr. 98
	0 8	Pennsylvania.....			4 Sept. 84	do	23 Apr. 98
	0 11	New York.....			19 May 84	do	27 Apr. 98
	1 0	Maine.....			6 Sept. 84	do	do
	0 9	Ohio.....			23 May 84	do	1 May 98
60	0 9	Virginia.....			4 Sept. 84	do	11 May 98
	0 11	Texas.....			17 May 83	do	27 May 98
	0 8	New York.....			19 May 84	do	5 June 98
	1 4	Michigan.....			4 Sept. 84	do	7 June 98
	0 10	Alabama.....			4 June 83	do	3 July 98
	0 6	At large.....			28 Sept. 85	1 July 91	17 July 98
65	0 5	Wisconsin.....			4 Sept. 85	do	2 Aug. 98
	0 5	Missouri.....			5 Sept. 85	do	10 Aug. 98
	0 6	New York.....			19 May 85	do	do
	0 4	Maine.....			9 Sept. 85	do	do
70	1 1	Massachusetts.....			7 Sept. 85	do	6 Oct. 98
	0 6	Mississippi.....			3 Sept. 85	do	9 Oct. 98
	0 8	New York.....			19 May 85	do	15 Nov. 98
	0 9	Texas.....			4 Sept. 85	do	do
	1 1	Ohio.....			17 Mar. 85	do	22 Nov. 98
75	0 1	Maryland.....			19 May 85	do	9 Dec. 98
	0 8	Illinois.....			20 May 85	do	25 Dec. 98
	1 4	District of Columbia.....			b 1 Mar. 63	do	3 Mar. 83

a Assistant Engineer 1 July, 1889, to 12 December, 1892.

b Master 15 June, 1878.

ENSIGNS, ACTIVE LIST (157).

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of cruise or duty or sea service.	Sea service under present com'r.			Total sea service.			Shore or other duty.			Unemployed.	Appointed from—	Entry and promotions.
						Ys	M	Ms	Ys	M	Ms	Ys	M	Ms			
	548	William C. Cole.	Dolphin	24 Mar. 98	Nov. 97	5	8	1	4	5	9	0	4	Illinois	5 Sept. 85	1 July 91	
	549	Charles A. Brand.	Xosennite	17 Aug. 96	Nov. 94	5	8	7	1	5	2	0	0	Connecticut	8 Sept. 85	do	
	550	Philip Williams	Chicago	18 Nov. 96	do	5	5	7	3	5	2	0	0	Vermont	4 Sept. 85	do	
	551	Warren J. Terhune	Terror	23 July 96	Aug. 94	5	5	7	3	5	2	0	0	New Jersey	19 May 85	do	
5	552	George G. Mitchell	T. S. Ship and Sta., Newport	29 Dec. 96	Dec. 88	5	4	7	1	5	1	0	0	Indiana	29 Sept. 85	do	
	553	William K. Harrison	Training ship Vicksburg	17 Jan. 96	Nov. 94	4	11	7	5	5	6	0	0	Texas	23 May 85	do	
	554	Frank H. Schofield	Scandia	12 Mar. 96	Nov. 96	5	0	7	5	4	0	0	0	New York	21 May 86	1 July 92	
	555	Jehu V. Chase	Lancaster	5 Oct. 97	Sept. 95	4	5	6	5	2	0	0	0	Louisiana	23 Sept. 86	do	
10	556	Henry J. Ziegenmeyer	Training ship Annapolis	20 July 97	Aug. 95	4	5	6	5	4	0	0	0	Ohio	21 May 86	do	
	557	Cleland Davis	Helena	7 July 97	Aug. 95	3	7	5	4	5	4	0	0	Kentucky	21 May 86	do	
	558	Math H. Sigmar	Castine	1 Dec. 95	Aug. 95	5	1	7	5	4	7	0	0	Nebraska	21 May 86	do	
	559	William H. Buck	Chicago	23 July 96	Feb. 96	4	6	5	11	6	0	0	0	Mississippi	21 May 86	do	
	560	George W. Williams	Buffalo	10 Mar. 96	Dec. 97	4	6	6	11	6	9	1	0	South Carolina	22 May 86	do	
	561	Noah T. Coleman	Cassini	15 Oct. 96	Dec. 97	6	1	8	4	5	0	1	0	New York	6 Sept. 84	do	
15	562	Montgomery M. Taylor	Olympia	10 May 97	July 96	4	7	6	11	5	0	1	0	At large	21 May 86	do	
	563	Leary S. Ritter	Training ship Annapolis	3 Dec. 97	July 97	4	8	6	11	4	8	1	0	Pennsylvania	25 May 86	do	
	564	Franklin B. Sullivan	Amphitrite	20 Aug. 97	Aug. 95	5	4	7	5	4	0	0	0	At large	6 Sept. 86	do	
	565	Charles T. Vogelsang	Celtic	8 May 97	July 96	4	7	6	11	4	8	1	0	California	6 Sept. 86	do	
	566	Charles E. McVay, Jr.	Boston	18 May 97	Feb. 96	5	2	7	5	4	0	0	0	Colorado	19 May 86	do	
20	567	Lay H. Everhart	Amphitrite	20 Aug. 97	do	4	4	6	6	5	7	0	0	Alabama	28 Sept. 85	do	
	568	Claude Bailey	Wilmington	10 May 97	July 96	4	8	6	10	5	0	0	0	Arkansas	8 Sept. 86	do	
	569	John H. Dayton	Topeka	23 Dec. 97	Oct. 95	4	3	6	5	5	0	0	11	At large	19 Sept. 86	do	
	570	Ludus A. Boatwick	Oregon	18 Feb. 97	Aug. 95	4	11	7	1	4	8	0	0	Massachusetts	7 Sept. 86	do	
25	571	William A. Moffett	Bureau of Ordnance	29 Jan. 98	Apr. 96	5	3	7	2	4	10	0	0	South Carolina	6 Sept. 86	do	
	572	Julian L. Latimer	Marsetta	12 Aug. 98	Aug. 98	5	3	7	2	4	10	0	0	West Virginia	30 Sept. 86	do	
	573	John R. Edle	Indiana	8 Dec. 96	Aug. 95	5	0	7	2	4	11	0	0	At large	19 May 86	do	
	574	Reginald R. Belknap	Buffalo	5 Oct. 97	July 96	4	2	6	4	5	0	0	0	Arkansas	5 Sept. 87	1 July 98	
	575	De Witt Blamer	Nachins	23 Sept. 97	do	4	2	6	8	4	0	0	0	Iowa	19 May 87	do	
	576	Arthur L. Willard	Naval Academy	4 Apr. 98	Aug. 97	4	4	6	11	3	11	0	0	Missouri	7 Sept. 87	do	
30	577	Edwin T. Pollock	School-ship Saratoga	24 Aug. 98	Aug. 98	4	2	6	7	3	7	0	0	Michigan	20 May 87	do	
	578	Clark D. Stearns	Nashville	Dec. 98	Nov. 98	5	2	6	6	4	0	0	0	Illinois	5 Sept. 87	do	
	579	Harry C. Caldwell	Boston	31 Dec. 97	Aug. 96	4	5	6	9	4	2	0	0	Wisconsin	7 Sept. 87	do	
	580	Henry C. Kuenzell	Baltimore	19 Aug. 97	do	4	4	5	6	8	4	0	0	Massachusetts	do	do	
	581	Henry H. Hough	Amphitrite	23 Oct. 97	June 96	4	4	0	0	3	4	7	0	Ohio	24 May 87	do	
	582	Walter E. Irwin	Charleston	19 Mar. 98	July 96	3	8	5	11	4	9	0	0	Ohio	28 Sept. 87	do	
35	583	Noble E. Evans	Charleston	7 May 98	Aug. 96	3	8	5	11	4	9	0	0	Kansas	7 Sept. 87	do	
	584	Thomas J. Senn	Naval Proving Ground	18 Sept. 98	Sept. 98	4	7	7	2	4	10	0	0	South Carolina	19 May 87	do	
	585	Jay H. Sypher	Monadnock	19 Feb. 98	Aug. 96	3	10	6	2	4	10	0	0	Arizona	5 Sept. 87	do	
40	586	Bton B. Bierer	Iroquois	21 Mar. 98	July 96	3	9	5	11	4	11	0	0	Kansas	24 Sept. 87	do	
	587	Horace G. Macfarland	Oregon	7 July 97	Dec. 96	4	3	6	11	4	11	0	0	New York	6 Sept. 87	do	
	588	Charles F. Preston	Scorpion	16 Feb. 98	Oct. 96	4	5	7	0	5	8	0	0	Maryland	4 Sept. 85	do	
	589	Richard H. Leigh	Princeton	25 Apr. 98	Dec. 96	4	4	5	6	2	4	9	0	Mississippi	6 Sept. 87	do	
	590	Adelbert A. Thouse	Panther	12 Jan. 98	July 96	4	0	6	5	4	6	0	0	Illinois	21 May 87	do	

45	William D. Brotherton	Cincinnati	28 Dec. 87	Oct. 96	4	2	6	5	4	4	0	6	Wisconsin	6 Sept. 87	do
562	James F. Carter	Mayflower	15 Dec. 87	July 96	4	6	7	0	3	3	0	6	Pennsylvania	24 Mar. 87	do
563	Harry E. Smith	Navy yard, Washington	20 June 88	May 98	8	4	5	10	5	3	0	6	Ohio	20 May 87	do
565	George C. Day	Topeka	12 May 98	Dec. 97	3	6	3	0	4	1	0	5	Vermont	19 May 88	1 July 94
568	Linke McNamee	Princeton	25 Apr. 98	July 97	3	7	5	10	4	0	0	5	Kansas	6 Sept. 88	do
567	Frederick L. Sawyer	Tr ship and sta., Newport	4 Apr. 98	Aug. 97	3	8	5	11	3	11	0	4	Illinois	do	do
598	Charles L. Hussey	Tr ship and sta., Newport	15 Sept. 98	Sept. 98	4	0	6	6	3	10	0	4	New Hampshire	21 May 88	do
599	John R. Y. Blakely	Badger	14 Apr. 98	Aug. 97	3	9	5	11	4	0	0	4	Pennsylvania	19 Sept. 88	do
601	Gregory C. Davison	Training ship Annapolis	3 Apr. 98	Apr. 97	3	11	6	4	5	0	0	4	At large	23 May 87	do
602	Leon S. Thompson	Navy yard, New York	7 May 98	Dec. 97	3	10	6	3	6	4	0	4	Missouri	22 May 88	do
603	Frederick A. Treat	Naval War College	8 Oct. 98	Sept. 98	3	3	6	4	4	8	0	5	Ohio	21 May 88	do
604	John F. Hines	Bureau of Navigation	28 Oct. 98	Oct. 98	3	7	6	0	4	3	0	5	Connecticut	19 May 88	do
605	Fred R. Payne	Buffalo	6 Sept. 98	Sept. 98	3	3	8	4	6	0	0	5	Kentucky	21 May 88	do
606	Powers Symington	Buffalo	13 Aug. 94	May 94	3	7	6	6	3	3	0	4	New York	do	do
607	Yates Strling, Jr	Badger	7 Apr. 98	Nov. 97	4	0	6	2	3	7	0	7	West Virginia	7 Sept. 88	do
608	George Mallison	Office of Judge-Advocate-Gen	14 Oct. 96	June 95	4	0	6	2	3	1	0	7	Massachusetts	6 Sept. 88	do
609	Joel R. P. Pringle	School-ship Enterprise	1 Oct. 98	Sept. 98	3	6	5	9	4	2	0	8	North Carolina	21 May 88	do
610	Benjamin B. McCormick	Sick leave	16 Dec. 98	Oct. 98	3	10	6	2	3	2	0	8	Illinois	6 Sept. 88	do
611	William S. Powellson	Sick leave	2 Sept. 98	Sept. 98	3	0	4	6	4	0	0	7	New York	19 May 88	do
612	William S. Montgomery	Petrel	10 June 98	Nov. 95	3	11	5	3	3	5	0	8	New York	5 Sept. 88	do
613	Frank H. Clark, Jr	Lancaster	6 Aug. 95	May 95	3	5	7	3	7	0	0	6	Kentucky	6 Sept. 88	do
614	Henry H. Ward	Bureau of Navigation	3 May 97	Apr. 97	1	9	3	11	5	2	0	3	Rhode Island	5 Sept. 88	do
615	Eugene L. Bisset	Buffalo	8 Aug. 95	Mar. 95	3	4	5	6	3	6	0	3	New Jersey	7 Sept. 88	do
616	Edward H. Campbell	Bennington	7 Aug. 95	Mar. 95	3	5	7	3	5	0	0	3	Kentucky	2 Oct. 89	do
617	Charles J. Lang	Manila	do	do	3	5	6	3	3	0	0	3	Indiana	6 Sept. 89	do
618	Water S. Croesley	Naval Academy	22 Sept. 98	Sept. 98	2	6	4	9	4	3	0	3	Pennsylvania	do	do
619	William K. Gise	Topeka	15 Aug. 95	Mar. 95	3	4	5	8	3	7	0	3	Connecticut	9 Sept. 88	do
620	Thomas S. Wilson	Monocacy	25 Oct. 95	May 95	3	2	5	7	3	10	0	3	Illinois	14 June 89	do
621	Henry A. Pearson	Zafiro	19 July 95	Apr. 95	3	5	9	3	5	0	0	2	Illinois	20 May 89	do
622	Orton P. Jackson	Buffalo	5 Aug. 95	Mar. 95	3	4	5	8	3	8	0	3	Utah	6 Sept. 88	do
623	Frank L. Chadwick	Buffalo	do	do	3	4	5	8	3	8	0	3	Pennsylvania	18 May 89	do
624	John S. Doddridge	Kaleigh	do	Apr. 98	3	5	5	10	3	7	0	2	Minnesota	do	do
625	Percy N. Olmsted	Returning from Boston	Dec. 98	Dec. 98	3	5	5	9	3	5	0	2	West Virginia	7 Sept. 88	do
626	Christopher C. Fewel	Er. Hydro. Off., Portland, Ore	20 Dec. 98	Aug. 98	3	1	5	3	4	1	0	3	Oregon	21 May 89	do
628	Frank B. Phipson	Olympia	5 Aug. 95	Mar. 95	3	5	7	3	5	0	0	2	Texas	2 Oct. 88	do
627	John L. Sucht	Navy yard, Washington	19 July 95	Apr. 95	3	5	9	3	5	0	0	2	Montana	6 Sept. 88	do
629	Richard S. Douglas	Monadnock	25 Oct. 98	Oct. 98	3	3	5	6	3	7	0	2	New York	7 Sept. 88	do
630	Alfred A. McKethan	Er. Hydro. Office, Savannah	15 Aug. 95	Mar. 95	3	4	5	11	4	6	0	2	Georgia	19 May 88	do
631	Alfred A. Pratt	Marblehead	6 Aug. 95	May 95	3	4	5	7	3	6	0	2	North Carolina	5 Sept. 88	do
632	Irvin V. Gillis	Texas	20 July 96	May 96	3	4	5	7	3	6	0	3	Illinois	7 Sept. 89	do
633	Ridley McLean	Marietta	27 July 96	Apr. 96	2	5	4	9	3	5	0	2	New York	6 Sept. 90	1 July 96
634	Raymond Stone	Training-ship Alliance	28 July 96	do	2	5	4	8	3	10	0	2	Tennessee	20 May 90	do
635	David F. Sellers	Philadelphia (staff)	25 July 96	do	2	4	4	8	3	10	0	2	Alabama	5 Sept. 90	do
636	Charles Webster	Brooklyn	21 July 96	do	2	5	4	9	3	5	0	2	New Mexico	6 Sept. 90	do
637	John T. Tompkins	Training-ship Annapolis	17 July 96	do	2	5	4	9	3	5	0	2	Massachusetts	21 May 90	do
638	Provoost Babin	Kaleigh	19 Aug. 96	do	2	4	4	8	3	5	0	3	Louisiana	do	do
639	Simon P. Fullinwider	Training-ship Adams	27 July 96	do	2	4	4	8	3	5	0	2	New York	do	do
640	William P. Scott	Olympia (staff)	17 Aug. 96	do	2	4	4	8	3	8	0	2	Missouri	do	do
641	Lewis B. Jones	Naval Proving Ground	16 Sept. 98	Sept. 98	2	1	4	4	0	4	0	2	Pennsylvania	20 May 90	do
642	Stephen V. Graham	Training ship Adams	Dec. 98	Apr. 98	2	5	4	9	3	8	0	2	New York	21 May 90	do
643	Ernest L. Bennett	New York (staff)	22 July 96	do	2	5	4	9	3	4	0	2	Michigan	19 May 90	do
644	Fritz L. Sandos	Cincinnati	28 July 96	do	2	5	4	9	3	10	0	2	Massachusetts	24 Sept. 89	do
645	John McC. Luby	Celtic	25 July 96	do	2	4	4	9	3	5	0	2	Louisiana	19 May 90	do
646	Arthur G. Kavanagh	Olympia	25 July 96	do	2	4	4	9	3	5	0	2	Texas	8 Sept. 90	do
647	Carlton F. Snow	Nashville	23 July 96	do	2	4	4	8	3	9	0	2	Nbraska	20 May 90	do
648	Charles S. Bookwalter	Resolute	24 July 96	Apr. 96	2	5	4	9	3	5	0	2	Maine	19 May 90	do
					2	5	4	9	3	5	0	2	Illinois	8 Sept. 90	do

α Second Lieutenant, U. S. Marine Corps, from 1 July, 1892, to 20 July, 1892.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service com'd.			Total sea service.			Shore or other duty.			Unemployed.			Appointed from—		Entry and promotions.	Ensign.
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms			Ys	Ms	Naval Cadet.
	649	Roscoe C. Bulmer	Bennington.	27 July 96	Apr. 96	2	5	4	9	3	5	0	2	2	Nevada.	26 Sept. 90	1 July 96				
	650	Gilbert S. Galbraith	Asst. Ins. of Ordn., Nicetown	18 June 97	Nov. 96	0	4	2	8	4	11	0	9	9	Pennsylvania.	8 Sept. 90	do				
	651	Roscoe Spear	Montgomery	22 June 96	Apr. 96	2	5	4	8	3	9	0	2	2	Pennsylvania.	23 May 90	do				
105	652	Robert W. McNeely	Yankton	20 Aug. 96	do	2	4	4	7	3	6	0	3	3	North Carolina	8 Sept. 90	do				
	653	Walter S. Turpin.	Training-ship Essex	19 Aug. 96	do	2	4	4	7	3	6	0	3	3	Maryland	22 May 90	do				
	654	George L. P. Stone	Iroquois	22 July 96	do	2	5	4	8	3	4	0	3	3	Georgia.	26 Sept. 90	do				
	655	William S. Whitted	Bennington	27 July 96	do	2	5	4	8	3	4	0	3	3	North Carolina	30 May 90	do				
	656	Robert H. Osborn	Montgomery	23 July 96	do	2	5	4	9	3	8	0	3	3	New York	23 May 90	do				
110	657	Walter J. Manion	Sick leave	23 July 96	July 98	1	11	4	9	3	5	0	8	8	Louisiana	6 Sept. 90	do				
	658	George E. Gelm	Bennington	28 July 96	Apr. 96	2	4	4	7	3	9	0	3	3	New York	22 May 90	do				
	659	Clarence England	Training-ship Adams	5 Aug. 96	do	2	5	4	8	3	5	0	3	3	Arkansas	5 Sept. 90	do				
	660	Frank H. Brumby	Celtic	10 July 97	Apr. 97	1	6	3	9	3	5	0	1	1	Georgia.	8 Sept. 91	1 July 97				
	661	Frank P. Baldwin	Concord	3 July 97	Mar. 97	1	6	3	9	3	6	0	1	1	New Jersey	do	do				
115	662	William C. Davidson	Training-ship Vicksburg	28 June 97	do	1	6	3	8	3	6	0	1	1	South Dakota	28 Sept. 91	do				
	663	Harris Leaning	Monadnock	14 July 97	Apr. 97	1	5	3	10	3	9	0	1	1	Illinois	19 May 91	do				
	664	David W. Todd	Wilmington	15 July 97	Mar. 97	1	6	3	7	8	8	0	2	2	California	8 Sept. 91	do				
	665	John V. Klemann	Wilmington	22 June 97	Apr. 97	1	6	3	10	3	5	0	1	1	New York	10 Sept. 91	do				
	666	William R. Cushman	Yankton.	10 July 97	do	1	6	3	10	3	5	0	1	1	New York	5 Sept. 91	do				
120	667	Henry V. Butler, Jr.	Olympia (staff)	28 June 97	do	1	6	3	9	3	5	0	2	2	New York	do	do				
	668	Walter R. Gherard.	Naval station, San Juan	5 Nov. 98	Oct. 98	1	5	3	9	3	5	0	2	2	Washington	4 Sept. 91	do				
	669	John R. Monaghan	Philadelphia	20 July 97	Mar. 97	1	4	3	7	3	7	0	2	2	Washington	7 Sept. 91	do				
	670	James J. Raly	Iris	1 Sept. 97	Apr. 97	1	6	3	9	3	5	0	1	1	Michigan	9 Sept. 91	do				
	671	James E. Walker	Panther	15 July 97	do	1	6	3	9	3	5	0	2	2	North Carolina	do	do				
125	672	William H. Standley	Yorktown	17 Nov. 98	June 98	1	0	3	3	4	0	0	1	1	California	19 May 90	do				
	673	Arthur T. Chester	Iris	11 July 97	Apr. 97	1	5	3	9	4	9	0	2	2	At large.	7 Sept. 91	do				
	674	Cassius E. Barnes	Training-ship Vicksburg	23 Oct. 97	do	1	6	3	8	3	7	0	1	1	Oklahoma	4 Sept. 91	do				
	675	Albion J. Wadhams	Mayflower	10 July 97	do	1	6	3	8	3	5	0	1	1	New York	8 Sept. 91	do				
	676	Kenneth M. Bennett	Amphitrite	15 July 97	do	1	6	3	8	3	6	0	2	2	Kentucky	26 Sept. 90	do				
130	677	Edward H. Watson	Iris	10 July 97	do	1	6	3	8	4	3	0	1	1	New Jersey	8 Sept. 91	do				
	678	Orio S. Knepper	Concord	28 June 97	do	1	6	3	10	3	3	0	1	1	Pennsylvania	4 Sept. 91	do				
	679	Michael J. McCormack	Baltimore	14 July 97	do	1	6	3	8	4	7	0	1	1	Michigan	22 May 90	do				
	680	Rufus Z. Johnston, Jr	Oregon	10 July 97	do	1	6	3	8	4	7	0	1	1	North Carolina	10 Sept. 91	do				
	681	Edward H. Holden	Scorpion	9 Apr. 98	Mar. 98	0	8	3	9	3	6	0	1	1	Vermont.	20 May 92	6 May 98				
135	682	Thomas T. Craven	Scudlia	do	do	0	8	3	11	4	1	0	0	0	New Hampshire	27 Sept. 90	do				
	683	Charles L. Poor	Yosemite	25 Apr. 98	Apr. 98	0	8	2	11	4	1	0	0	0	New York	do	do				
	684	Ralph Earle	Essex	9 Apr. 98	do	0	8	2	11	3	5	0	0	0	Massachusetts	1 July 92	do				
	685	Andrew E. Kalbach	Brooklyn	do	do	0	8	2	11	3	6	0	0	0	Pennsylvania	20 May 92	do				
	686	Daniel W. Wurtsbaugh	Yorktown	do	do	0	7	2	11	3	8	0	0	0	Texas	1 July 92	do				
140	687	Ivan C. Wetting	Bennington	do	do	0	6	2	10	3	6	0	2	2	Colorado.	6 Sept. 92	do				
	688	Charles M. Tozer	Wheeling	do	do	0	6	2	8	3	5	0	0	0	New York	19 Sept. 92	do				
	689	Walter T. Cluvertus	Wheeling	16 Apr. 98	do	0	8	2	11	3	4	0	0	0	Louisiana	20 May 92	do				
	690	Duncan M. Wood	Iowa	9 Apr. 98	Apr. 98	0	8	2	11	3	4	0	0	0	Alabama	30 Sept. 92	do				
	691	Leigh C. Palmer	New York	8 Apr. 98	do	0	8	2	11	3	5	0	0	0	Missouri.	6 Sept. 92	do				
145	692	Thomas A. Kearney	Training-ship Adams	11 Apr. 98	Mar. 98	0	7	2	10	3	6	0	0	0	Missouri.	do	do				
	693	Arthur MacArthur, Jr.	Brooklyn	do	do	0	8	2	10	3	6	0	0	0	Wisconsin.	do	do				

694	Frank E. Ridgely	Justin	25 Apr. 98	Apr. 98	0	8	2	7	3	9	0	0	At large	do	do
695	Dudley W. Knox	Yorktown	9 Apr. 98	do	0	5	2	8	3	7	0	0	Tennessee	do	do
696	Charles E. Gilpin	Helena	10 Apr. 98	do	0	7	2	10	3	5	0	1	Michigan	do	do
697	Mark St. C. Ellis	Training-ship Vicksburg	9 Apr. 98	do	0	8	3	0	3	6	0	0	Arkansas	do	do
698	Edward McCauley, Jr.	Ordered to Asiatic Station	Dec. 98	Nov. 98	0	6	2	9	3	3	0	2	New York	1 July 92	do
699	Earl P. Jessop	Justin	9 Apr. 98	Apr. 98	0	8	2	11	3	4	0	1	West Virginia	8 Oct. 92	do
700	John H. Roys	Scindia	do	do	0	7	2	11	3	5	0	1	New York	do	do
701	Henry C. Mustin	do	13 May 98	do	0	8	2	11	3	4	0	1	Tennessee	do	do
702	Roland I. Curtin	Massachusetts	10 Apr. 98	do	0	8	2	11	3	4	0	1	Pennsylvania	do	do
703	Amon Bronson, Jr.	Wilmington	1 June 98	May 98	0	7	2	9	3	4	0	3	Nebraska	30 Sept. 92	20 May 98
704	Joseph W. Powell	Pursuing special studies	17 Sept. 98	Aug. 98	0	2	0	10	4	9	0	0	New York	19 May 93	28 June 98

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NAVAL CADETS.

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WHO HAVE PASSED THE REQUISITE ACADEMIC COURSE AND ARE NOW PERFORMING TWO YEARS' SERVICE AT SEA OR PURSUING SPECIAL STUDIES PRIOR TO FINAL GRADUATION.

Number in grade	Signal No.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service.		Shore or other duty.		Unemployed.		Appointed from—	Entry.
						Ys	Ms	Ys	Ms	Ys	Ms		
	705	William G. Du Bose.....	Pursuing special studies.....	10 Sept. 98	Aug. 98	1	0	1	0	0	0	Georgia	6 Sept. 93
	706	Ernest F. Eggeff.....	do	do	do	1	0	4	4	0	0	Mitchigan	do
	707	Harry E. Yersell.....	Oregon	19 June 97	Aug. 96	2	0	4	4	0	0	Iowa	do
	708	Harlan P. Perrill.....	New York	do	do	2	0	3	4	0	0	Indiana	do
5	709	Arthur J. Hepburn.....	Iowa	do	do	2	0	3	3	0	0	Pennsylvania	22 Sept. 93
	710	David E. Theburn.....	Massachusetts	18 June 97	do	2	0	3	4	0	0	Wisconsin	6 Sept. 93
	711	Alfred W. Pressay.....	Panther	19 June 97	do	2	4	3	3	0	0	Nebraska	19 May 93
	712	Nedham L. Jonsa.....	Newark	do	do	2	0	3	4	0	0	Mississippi	6 Sept. 93
	713	William H. Reynolds.....	Texas	do	do	2	0	3	4	0	0	Georgia	do
10	714	Luther M. Overstreet.....	Oregon	do	do	2	1	3	3	0	0	Nebraska	do
	715	William R. White.....	Commanding Barcelo	do	do	2	0	3	4	0	0	Arizona	do
	716	Thomas G. Hart.....	Hist.	20 June 97	do	2	3	4	4	0	0	Michigan	19 May 93
	717	Orin G. Murrin.....	Iowa	do	do	2	0	3	4	0	0	Ohio	6 Sept. 93
	718	Leonard R. Sargent.....	Monadnock	do	do	2	0	3	4	0	0	Minnesota	do
15	719	Cyrus R. Miller.....	Oregon	19 June 97	do	2	0	3	4	0	0	California	do
	720	Gilbert Chase.....	Texas	do	do	2	0	3	4	0	0	Virginia	do
	721	Joseph W. Graeno.....	do	do	do	2	0	3	4	0	0	Pennsylvania	do
	722	Victor S. Houston.....	do	do	do	2	1	3	2	0	0	South Dakota	22 Sept. 93
	723	Walter R. Sexton.....	Monadnock	do	do	2	3	3	4	0	0	Illinois	19 May 93
	724	David F. Boyd, jr.....	Brooklyn	do	do	2	3	3	4	0	0	California	do
20	725	Frederick R. Holman.....	Texas	do	do	2	3	3	4	0	0	Alabama	do
	726	Walter M. Falconer.....	Brooklyn	do	do	2	3	3	4	0	0	Iowa	do
	727	Albert H. McCarthy.....	do	do	do	2	0	3	4	0	0	Ohio	6 Sept. 93
	728	Hilary Williams.....	do	do	do	2	0	3	3	0	0	Indiana	do
25	729	Willis McDowell.....	Ordered to Navy yard, Norfolk	18 June 97	do	2	0	3	3	0	0	Pennsylvania	19 May 93
	730	Oscar D. Duncan.....	New York	21 Dec. 98	Dec. 98	2	3	3	4	0	0	Alabama	6 Sept. 93
	731	Arthur St. C. Smith, jr.....	Indiana	10 June 97	Aug. 96	2	0	3	4	0	0	Iowa	do
	732	Robert W. Henderson.....	Brooklyn	do	do	2	0	3	3	0	0	Ohio	do
	733	Austin Kautz.....	Training ship Annapolis	do	do	2	0	3	3	0	0	Washington	22 Sept. 93
30	734	Charles T. Owens.....	Indiana	do	do	2	3	3	4	0	0	Pennsylvania	19 May 93
	735	William C. Asserson.....	Sick leave	do	do	2	3	3	4	0	0	Texas	6 Sept. 93
	736	William P. Giles.....	Lowa	20 June 98	June 98	1	9	3	4	0	0	New York	20 May 93
	737	Alfred C. Owen.....	New York	do	do	2	0	3	3	0	0	Dist. of Columbia	6 Sept. 93
35	738	Samuel G. McGill, jr.....	Oregon	19 Aug. 97	do	2	0	3	4	0	0	North Dakota	19 May 93
	739	Irwin F. Landis.....	Olympia	do	do	2	0	3	4	0	0	Kansas	6 Sept. 93
	740	Clarence S. Kempf.....	Oregon	19 June 97	do	2	0	3	4	0	0	California	10 May 93
	741	John Halligan, jr.....	Pursuing special studies	do	do	2	3	3	4	0	0	Massachusetts	6 Sept. 94
	742	Henry Williams.....	do	24 Sept. 98	Sept. 98	1	2	3	2	0	0	Maryland	do
				10 Sept. 98	do	1	1	3	2	0	0		do

MEDICAL CORPS, ACTIVE LIST.

MEDICAL DIRECTORS (15).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys.	Ms.	Ys.	Ms.	Ys.	Ms.
		<i>Relative rank of Captain.</i>									
		851 Chris. J. Cleborne	Naval Hospital, Norfolk	20 Aug. 94	Apr. 81	0	0	10	8	24	9
		852 Walter K. Scofield	Pres. Med. Ex. B'd, League Island	20 Oct. 94	Sept. 89	0	0	13	0	16	7
		853 Grove S. Beardsley	Member Retiring Board	21 June 93	May 89	0	0	14	11	16	8
		854 John H. Clark	Member Retiring Board	21 June 98	May 92	0	0	14	5	20	0
5		855 Wm. K. Van Keypen *	Chief Bureau Med. and Surgery	18 Dec. 97	July 94	0	0	12	3	21	9
		856 Thomas C. Walton	Naval Laboratory, New York	19 Jan. 97	Oct. 91	0	0	14	11	20	6
		857 Charles H. White	Naval Museum of Hygiene	11 Oct. 97	Jan. 92	0	0	14	6	18	8
		858 George W. Woods	Naval Hospital, New York	5 June 97	Apr. 92	0	0	14	1	20	10
10		859 James Rufus Tryon	Gen. Inspector of Hospitals	6 Oct. 97	May 93	0	0	a12	7	a21	1
		860 James M. Flint	Smithsonian Institution	27 May 95	Jan. 95	0	0	a15	11	a18	1
		861 George A. Bright	Naval Hospital, Washington	28 Sept. 95	July 94	0	0	a16	1	a15	5
		862 George F. Winslow	Naval Hospital, New York	20 Sept. 98	Feb. 96	0	0	a17	10	a13	10
		863 Hosea J. Babin	Prest. Bd. Med. Ex'rs, New York	9 Oct. 97	June 97	0	0	a16	9	a13	6
		864 Joseph B. Parker	Member Med. Ex. Boards	22 Jan. 98	Aug. 94	0	0	a15	1	a15	8
15		865 Joseph G. Ayers	Naval Hospital, Boston	5 May 98	Sept. 97	0	0	a17	3	a14	1

MEDICAL INSPECTORS (15).

	Relative rank of Com-mander.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys.	Ms.	Ys.	Ms.	Ys.	Ms.
		866 Abel F. Price	Olympia (Fleet Surgeon)	13 Sept. 97	Jan. 94	1	4	13	4	13	1
		867 Michael C. Drennan	Marine Rendezvous, Philadelphia	— Jan. 99	Apr. 98	2	9	a15	8	a13	5
		868 James A. Hawke	Navy-yard, New York	14 Aug. 97	June 97	2	0	14	0	13	9
5		869 Robert A. Marmion	Navy-yard, Washington	15 July 96	June 96	1	0	14	2	13	7
		870 Dwight Dickinson	Philadelphia	1 July 98	Oct. 95	0	6	13	6	13	9
		871 William G. Farwell	Navy-yard, League Island	4 Apr. 98	Jan. 96	0	0	11	5	14	5
		872 John C. Wise	Baltimore	15 June 97	Apr. 93	1	7	14	3	12	3
		873 George P. Bradley	Naval Hospital, Mare Island	10 May 97	Mar. 97	0	1	11	5	12	8
10		874 Charles U. Gravatt	New York (Fleet Surgeon)	19 June 97	July 96	1	6	14	2	11	7
		875 Paul Fitzsimons	Brooklyn	17 Mar. 98	May 90	0	9	10	6	13	8
		876 William S. Dixon	Naval Academy	7 May 98	Mar. 98	0	2	12	8	12	10
		877 Charles A. Siegfried	Torp. Sta. and Hosp., Newport	15 Apr. 97	Apr. 97	0	0	12	0	12	10
		878 Remus C. Persons	Naval Laboratory, New York	19 Nov. 98	June 93	0	0	10	0	14	0
		879 Nelson M. Ferebee	Waiting orders	10 Sept. 98	Sept. 89	0	0	13	3	8	6
15		880 Franklin Rogers b	Monterey	10 May 98	Aug. 89	0	1	10	0	13	8

SURGEONS (50).

	Relative rank of Lieu-tenant (49).	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys.	Ms.	Ys.	Ms.	Ys.	Ms.
		881 James R. Waggener	Navy-yard, Mare Island	19 Nov. 95	Jan. 95	2	6	11	4	12	3
		882 Thomas H. Streets	Navy-yard, Norfolk	23 Apr. 98	June 94	3	6	10	7	14	2
		883 Manly H. Simons	Iowa	16 June 97	Nov. 93	5	2	13	3	11	11
		884 John C. Boyd	Asst. Bureau of Med. and Surg.	9 Apr. 92	Sept. 91	2	5	9	7	14	6
5		885 George E. H. Harmon	Newark	21 May 98	Sept. 94	3	9	13	6	9	11
		886 Howard Wells	Chicago	1 Dec. 98	Apr. 95	3	0	10	11	12	8

* Surgeon-General, with relative rank of Commodore.

a Includes service in Volunteer Navy.

b Subject to examination.

MEDICAL CORPS, ACTIVE LIST.

MEDICAL DIRECTORS (15).

Number in grade.		Unemployed.	Appointed from—	Entry and promotions.					
				Acting Assistant Surgeon.	Assistant Surgeon.	Passed Assistant Surgeon.	Surgeon.	Medical Inspector.	Medical Director.
5	2	8	Pennsylvania		9 May 61	26 Oct. 63	24 Nov. 63	7 Jan. 78	18 Sept. 87
	7	10	Connecticut.....		12 July 61	22 June 64	7 Apr. 66	21 Nov. 83	8 Feb. 90
10	2	11	New York		1 July 61	do	25 July 66	24 Apr. 84	22 Jan. 91
	2	9	New Hampshire.....		19 Oct. 61	24 Apr. 65	14 May 67	8 Jan. 85	4 Mar. 93
10	2	0	New Jersey		26 Dec. 61	26 May 65	12 May 68	16 Aug. 87	30 Mar. 95
	1	10	New York		5 Oct. 61	20 Jan. 66	22 Oct. 68	18 Sept. 87	28 May 95
10	2	10	Massachusetts.....		26 Dec. 61	30 Oct. 65	18 Nov. 69	10 July 88	8 June 95
	2	2	New York		11 Dec. 61	8 May 65	10 Dec. 69	1 Sept. 88	15 June 95
10	2	1	New York	19 Mar. 63	22 Sept. 63	21 Dec. 66	30 June 73	23 Sept. 91	21 Jan. 97
	2	9	New Hampshire.....	14 Apr. 62	26 Oct. 63	31 Dec. 67	24 June 74	4 Mar. 93	6 June 97
15	2	2	Maine	15 May 61	8 Aug. 64	do	12 Sept. 74	11 May 93	19 Oct. 97
	4	9	Massachusetts.....	26 July 62	28 May 64	14 June 67	2 Apr. 75	21 Aug. 93	23 Jan. 98
15	3	7	Massachusetts.....	10 Feb. 65	13 May 65	23 June 69	17 Mar. 76	22 June 94	7 May 98
	5	1	Maryland	16 Mar. 63a	24 Nov. 66	31 Dec. 67	13 Aug. 76	30 Nov. 94	18 June 98
	2	8	New Hampshire	17 Dec. 64b	8 Oct. 66	12 Oct. 69	7 Jan. 78	25 Feb. 96	12 Dec. 98

MEDICAL INSPECTORS (15).

5	3	9	Pennsylvania		10 Nov. 68	18 Mar. 73	14 Aug. 78	30 Mar. 95	.....
	4	9	Pennsylvania	15 Apr. 63c	30 June 68	13 June 70	20 Apr. 79	28 May 95	.....
10	3	0	Pennsylvania	(d)	24 June 67	26 Feb. 73	1 May 79	8 June 95	.....
	3	0	West Virginia.....		26 Mar. 68	24 Oct. 72	3 June 79	15 June 95	.....
10	2	5	New York		21 Apr. 69	5 Nov. 72	6 Dec. 79	29 Sept. 95	.....
	4	3	Michigan		10 Nov. 68	23 Jan. 74	15 Jan. 81	28 Feb. 96	.....
10	2	1	Maryland		28 Apr. 70	8 June 74	10 Sept. 82	20 Mar. 96	.....
	4	3	Maine		7 Sept. 70	21 Jan. 74	23 Aug. 83	21 Jan. 97	.....
15	2	6	Virginia		27 Sept. 70	23 Mar. 74	21 Nov. 83	6 June 97	.....
	2	10	Georgia		19 Dec. 71	8 Jan. 76	4 Mar. 84	19 Oct. 97	.....
15	2	5	District of Columbia.....		27 Jan. 71	10 Jan. 75	19 June 84	23 Jan. 98	.....
	1	8	Pennsylvania		8 June 72	10 Jan. 76	31 Jan. 85	7 May 98	.....
15	2	10	Alabama		5 Mar. 72	13 Jan. 76	7 Feb. 85	18 June 98	.....
	4	6	North Carolina.....		12 Sept. 72	10 Jan. 76	12 Mar. 86	2 Sept. 98	.....
	3	1	Pennsylvania		21 Mar. 72	20 June 76	30 Jan. 87	12 Dec. 98	.....

SURGEONS (50).

5	2	10	Kentucky		29 July 72	20 Dec. 75	18 Mar. 87	.....
	1	11	Pennsylvania		12 Apr. 72	27 Dec. 75	1 May 87	.....
15	1	5	Ohio		28 May 72	15 Dec. 75	16 Aug. 87	.....
	1	7	South Carolina.....		3 Apr. 73	18 Apr. 77	18 Sept. 87	.....
15	1	7	Maryland		20 Dec. 73	25 May 77	25 Mar. 88	.....
	1	6	Pennsylvania		10 Dec. 73	21 Dec. 76	19 June 88	.....

a Honorably discharged 12 October, 1865.

b Honorably discharged 24 September, 1866.

c Resigned 18 March, 1865; reappointed to same rank 9 February, 1867.

d Two years four months and sixteen days in the Volunteer Army.

MEDICAL CORPS.

SURGEONS—Continued.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
	887	Daniel N. Bertolette	Receiving-ship Vermont	13 Apr. 98	Apr. 97	3	6	12	6	11	0
	888	Ezra Z. Derr	Navy-yard, Portsmouth	5 May 98	May 97	4	6	13	0	10	6
10	889	Frank B. Stephenson	Oregon	7 May 98	July 94	3	10	12	8	10	5
	890	Presley M. Rixey	Bureau Medicine and Surg.	5 Sept. 98	Dec. 95	2	11	11	1	13	0
	891	Walter A. McClurg	Member Med. Ex. Board	16 Sept. 98	May 96	3	1	11	7	11	9
	892	Cumberland G. Herndon	Columbia	15 Mar. 98	Jan. 97	2	5	11	0	11	6
	893	Lucien G. Heneberger	Indiana	10 Nov. 96	May 92	4	1	12	11	9	5
15	894	Edward H. Green	Headquarters Marine Corps.	1 Nov. 98	Jan. 97	2	9	11	7	10	9
	895	Samuel H. Dickson	Massachusetts	20 July 96	Dec. 90	2	9	10	0	10	1
	896	David O. Lewis	Waiting orders	23 Sept. 98	Sept. 98	3	4	11	10	10	10
	897	Howard E. Ames	Navy-yard, Norfolk	2 Oct. 97	July 97	3	1	11	11	10	2
	898	Lloyd B. Baldwin	Naval Rendezvous, New York	4 May 98	Mar. 98	5	2	15	2	6	7
20	899	Frank Anderson	Naval Hospital, Yokohama	30 Aug. 97	July 97	2	3	10	5	10	4
	900	Phillips A. Lovering	Lancaster	29 July 96	May 92	2	11	13	1	8	8
	901	William R. Du Bose	Naval Hospital, New York	11 July 98	July 98	2	3	10	3	11	8
	902	Charles T. Hibbett	Receiving-ship Independence	9 Feb. 97	July 96	3	0	10	9	11	8
	903	Nelson H. Drake	Minneapolis	6 June 96	Oct. 91	2	5	11	7	10	1
25	904	Henry G. Steyer	Amphitrite	2 Aug. 97	Mar. 97	2	10	9	8	10	8
	905	John M. Steele	Monadnock	20 Feb. 96	Apr. 91	2	10	11	11	9	2
	906	James E. Gardner	Dolphin	24 Mar. 98	Nov. 97	2	9	10	0	10	10
	907	Millard H. Crawford	Waiting orders	— Dec. 98	Oct. 98	2	11	10	7	9	10
	908	George P. Lumsden	Receiving-ship Franklin	4 Mar. 98	Jan. 97	2	8	10	8	8	11
30	909	Emlyn H. Marsteller	Raleigh	22 Oct. 96	Sept. 91	3	3	11	9	8	9
	910	William H. Rush	Receiving-ship Richmond	16 Dec. 98	Sept. 98	0	4	8	11	11	8
	911	James C. Byrnes	Navy-yard, Norfolk	10 Dec. 98	Nov. 98	1	4	9	2	12	4
	912	Samuel H. Griffith	Mayflower	29 Mar. 98	May 93	0	9	9	3	9	4
	913	Averley C. H. Russell	Bureau Medicine and Surgery	31 Oct. 98	Oct. 98	1	4	6	10	11	1
35	914	Clement Biddle	Texas	1 July 98	May 98	1	3	9	5	9	6
	915	Henry T. Percy	Charleston	7 July 96	Apr. 92	2	6	12	2	11	3
	916	James D. Gatewood	Naval Station, Havana	21 Dec. 98	Oct. 98	0	7	7	0	11	1
	917	Oliver Diehl	Michigan	31 Oct. 98	Oct. 98	1	6	8	1	9	10
	918	John M. Edgar	Cincinnati	14 Apr. 98	Oct. 98	0	8	9	8	7	2
40	919	Philip Leach	Yosemite	29 Aug. 98	May 95	0	3	7	8	8	0
	920	Lloyd W. Curtis	Montgomery	26 Feb. 96	July 89	1	11	7	3	7	4
	921	Henry B. Fitts	Naval Hospital, Portsmouth	12 Jan. 97	Dec. 96	0	0	8	11	6	2
	922	Victor C. B. Means	Special duty, San Francisco	25 Nov. 98	Sept. 98	1	3	8	1	6	0
	923	Frederick J. B. Cordeiro	New Orleans	16 Apr. 98	Nov. 94	0	9	9	0	5	4
	924	Francis W. F. Wieber	Naval Station, San Juan	5 Nov. 98	Oct. 98	0	9	5	10	7	6
45	925	Oliver D. Norton	Badger	— Dec. 98	Oct. 94	0	0	5	11	7	0
	926	Frederick A. Heeler	Naval Hospital, Boston	17 May 98	Mar. 98	0	0	7	4	5	8
	927	Louis W. Ailee	Boston	15 Oct. 98	Oct. 94	0	2	5	2	6	5
	928	Isaac W. Kite	Buffalo (for Monterey)	13 Oct. 98	June 94	0	3	5	6	6	11
	929	Andrew R. Wentworth	Naval Hospital, New York	25 Oct. 98	Oct. 98	0	0	7	1	5	5
50	930	Corbin J. Decker	Monocacy	12 May 98	Sept. 94	3	2	5	3	6	7

SURGEONS—Continued.

Number in grade.	Unemployed.	Appointed from—	Entry and promotions.			
			Assistant Surgeon.	Passed Assistant Surgeon.	Surgeon.	
	Ys Me					
10	1	Pennsylvania	23 June 73	19 Apr. 77	1 Sept. 88	
	2	Maryland	3 Mar. 73	18 Apr. 77	18 Sept. 88	
	2	Pennsylvania	14 Mar. 73	21 Apr. 77	.....do....	
	0 10	Virginia	28 Jan. 74	18 Apr. 77	27 Nov. 88	
	1	Pennsylvania	8 Feb. 74	2 Nov. 77	25 Jan. 89	
	2	Virginia	8 May 74	26 Mar. 78	8 Feb. 90	
	2	Virginia	17 June 74	10 Nov. 77	5 May 90	
	1	Maryland	11 Mar. 75	22 Nov. 78	11 Nov. 90	
	15	3	Pennsylvania	19 Mar. 75	30 Apr. 80	5 Dec. 90
		1	Pennsylvania	8 Apr. 74	22 Nov. 78	22 Jan. 91
1		Maryland	10 Apr. 75	7 June 78	19 Mar. 91	
1		Pennsylvania	1 May 75	6 May 79	22 Sept. 91	
20		2	New York	24 May 75	22 Nov. 78	14 Nov. 91
		1	Massachusetts	18 June 75	10 Dec. 78	4 Dec. 91
		1	Georgia	16 Oct. 75	30 Apr. 80	1 Nov. 92
		1	Tennessee	15 Jan. 75	do	26 Dec. 92
		1	New Jersey	26 Feb. 76	6 July 80	4 Mar. 93
		2	New York	19 May 76	30 Apr. 80	11 May 93
	25	2	Maryland	8 June 75	do	.....do....
		1	Kentucky	3 July 76	3 July 80	15 Aug. 93
		1	Virginia	1 Nov. 76	1 Nov. 80	21 Aug. 93
		2	Virginia	2 Nov. 76	2 Nov. 79	12 May 94
30		2	Virginia	12 Jan. 76	12 Jan. 80	22 June 94
		1	Pennsylvania	13 Feb. 77	13 Feb. 80	30 Nov. 94
		0	District of Columbia	2 Nov. 76	2 Nov. 80	25 Feb. 95
		2	Pennsylvania	15 Dec. 77	15 Dec. 80	30 Mar. 95
		1	Georgia	3 June 79	3 June 82	8 June 95
		35	1	Pennsylvania	18 June 78	18 June 82
	2		Virginia	30 June 79	30 June 82	29 Sept. 95
	0		Virginia	6 July 80	6 July 83	28 Feb. 96
	0		Pennsylvania	do	do	20 Mar. 96
	0		Pennsylvania	9 July 81	9 July 84	3 Sept. 96
40	1		Illinois	do	do	15 Nov. 96
	1		New Jersey	6 July 82	6 July 85	16 Feb. 97
	1		Virginia	do	do	23 Mar. 97
	0		North Carolina	3 June 84	3 June 87	6 June 97
	45		3	Massachusetts	26 June 84	26 June 87	19 Oct. 97
		0	New York	3 Nov. 84	3 Nov. 87	6 Nov. 97
		0	Ohio	22 Apr. 85	22 Apr. 88	23 Jan. 98
		1	Illinois	3 June 84	3 June 88	7 May 98
		1	Pennsylvania	29 Mar. 86	29 Mar. 89	18 June 98
		0	Virginia	1 Apr. 86	1 Apr. 89	2 Sept. 98
50		1	Maine	22 Apr. 85	22 Apr. 89	9 Oct. 98
		0	New Jersey	17 June 86	17 June 89	12 Dec. 98

a Acting Assistant Surgeon 31 May, 1873.

MEDICAL CORPS.
PASSED ASSISTANT SURGEONS (52).

Number in grade.	Signal number.	Name and relative rank. <i>Relative rank of Lieutenant (junior grade).</i>	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under			Total sea service.			Shore or other duty.			Unemployed.	Appointed from—	Entry and promotion.	
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms	Ys			Ms	Assistant Surgeon.
5	891	Thomas A. Berryhill.....	New York.....	4 June 97	Oct. 93	4	8	5	8	0	0	0	0				17 June 86	
	892	Eugene P. Stone.....	Naval Dispensary.....	10 Nov. 96	Sept. 98	4	2	5	8	0	0	0	0				15 Aug. 86	
	893	Stephen S. White.....	Wheeling.....	21 July 96	May 93	4	10	5	10	5	11	0	0				19 May 87	
	894	George M. Pickrell.....	Buffalo.....	13 Apr. 98	June 95	3	7	4	8	10	0	0	0				16 Jan. 88	
	895	Rand P. Crandall.....	Iowa.....	16 June 97	Apr. 95	4	5	4	3	4	6	0	0				17 Jan. 88	
	896	Hatton N. T. Harris.....	Navy yard, Pensacola.....	24 Sept. 96	Apr. 96	3	4	4	7	0	0	0	0				18 June 87	
	897	John F. Urie.....	Naval Rendezvous, Boston.....	de.....	Sept. 98	3	3	3	4	4	9	0	0				8 July 91	
	898	A. M. D. McCormick.....	Waiting orders.....	12 Nov. 96	Nov. 98	3	6	4	2	4	10	0	0				23 July 86	
	899	Frederick W. Olcott.....	Under suspension.....	19 Apr. 98	Apr. 98	4	0	4	9	5	0	0	0				21 Jan. 90	
10	840	Will F. Arnold.....	Fancher.....	20 July 97	June 97	2	8	5	4	4	1	0	0				18 Aug. 88	
	841	George B. Wilson.....	Training ship and sta., Newport, Mem. and Rec. Ex. Bd., New York.....	1 Dec. 98	Nov. 98	0	7	3	2	6	1	0	0				1 Feb. 89	
	842	Charles F. Stokes.....	Bureau Medicine and Surgery.....	8 Sept. 96	June 96	2	9	4	9	4	8	0	0				23 Mar. 89	
	843	Edward R. Stitt.....	Naval Hospital, Norfolk.....	25 Oct. 98	Sept. 97	2	10	4	10	4	9	0	0				27 Mar. 92	
	844	Manley F. Gates.....	Princeton.....	13 Nov. 97	May 95	3	6	4	3	5	4	0	0				30 Mar. 89	
	845	Charles H. J. Lowndes.....	Glacier.....	14 July 98	Aug. 96	3	11	5	4	4	1	0	0				23 May 89	
	846	George H. Barber.....	Marietta.....	15 July 96	Dec. 92	3	0	5	4	4	3	0	0				24 May 89	
	847	George Rothganger.....	Naval Laboratory, New York.....	20 Oct. 98	Oct. 98	4	2	5	4	4	0	0	0				3 June 89	
	848	George A. Lung.....	Philadelphia.....	4 May 98	July 96	3	8	5	6	4	5	0	0				18 Aug. 88	
20	850	Luther L. Von Wedekind.....	Philadelphia.....	28 Sept. 98	Aug. 98	3	1	4	1	5	9	0	0				3 Nov. 88	
	851	Edward S. Bogert, Jr.....	Marine Rendezvous, New York.....	9 Dec. 98	Aug. 98	3	6	5	1	5	1	0	0				16 Apr. 90	
	852	Leckinski W. Spradling.....	Yorktown.....	30 Nov. 98	Nov. 96	3	2	3	10	4	6	0	0				215 June 90	
	853	Robert M. Kennedy.....	Naval Hospital, Yokohama.....	10 Jan. 97	Aug. 98	2	11	4	9	3	1	0	0				67 July 90	
	854	Norman J. Blackwood.....	Naval Hospital, Philadelphia.....	6 Jan. 97	Jan. 97	2	11	4	9	3	5	0	0				24 Sept. 90	
25	855	William C. Braisted.....	Marblehead.....	18 Aug. 98	de.....	2	3	4	5	3	5	0	0				18 Nov. 90	
	856	Sheldon G. Evans.....	Navy yard, New York.....	18 Oct. 98	Aug. 97	2	11	4	11	2	0	0	0				24 Nov. 90	
	857	Adrian R. Alfred.....	Asiatic station.....	— Dec. 98	Sept. 94	0	2	6	4	10	0	0	0				20 May 91	
	858	James Stoughton.....	Sick leave.....	Nov. 98	Sept. 98	2	8	4	9	2	2	0	0				do.....	
	859	Louis L. Young.....	Naval Academy.....	26 May 98	Mar. 98	3	2	5	0	2	5	0	0				22 May 91	
30	860	Michael R. Pigott.....	Olympia.....	18 Nov. 95	July 95	3	2	5	0	1	1	0	0				18 June 90	
	861	John E. Page.....	Detroit.....	10 June 96	June 98	3	4	9	2	3	0	0	0				18 June 94	
	862	Middleton S. Guest.....	Naval Hospital, Norfolk.....	20 Sept. 98	June 98	2	9	4	10	1	10	0	0				19 Nov. 91	
	863	Joseph A. Guthrie.....	Brooklyn.....	18 June 96	Apr. 95	2	9	4	7	1	11	0	0				27 Jan. 92	
	864	Charles M. De Valin.....	Receiving ship Pensacola.....	30 Apr. 98	Apr. 98	1	8	3	10	2	7	0	0				do.....	
35	865	Charles P. Bagg.....	Castine.....	16 Dec. 96	Sept. 95	2	3	8	3	8	10	0	0				17 Mar. 92	
	866	Carl D. Brownell.....	Raleigh.....	10 Oct. 96	Apr. 98	2	1	3	8	3	3	0	0				6 Apr. 91	
	867	Henry D. Wilson.....	Pennington.....	16 Sept. 98	Apr. 98	2	3	3	9	3	3	0	0				22 Apr. 92	
	868	Lewis Morris.....	Lancaster.....	6 Apr. 97	Dec. 96	2	1	2	6	2	2	0	0				27 June 95	
	869	John M. Moore.....	do.....	23 Apr. 96	Mar. 96	2	7	4	0	1	1	0	0				11 Nov. 92	
40	870	Brownlee R. Ward.....	do.....	25 May 96	do.....	2	8	4	0	0	1	3	0				14 Jan. 93	
	871	Edward M. Shipp.....	do.....	do.....	do.....	2	7	4	0	0	1	3	0				20 Mar. 93	

972	Charles E. Riggs	Topeka	5 Oct. 97	June 97	2	4	0	1	5	0	4	Iowa	13 Apr. 98
973	James F. Leys	Training-ship Essex	7 July 97	Apr. 97	2	3	4	0	1	5	0	Pennsylvania	22 June 98
974	Richard G. Brodick	Concord	2 June 97	June 96	1	8	3	7	1	5	0	California	2 Aug. 98
45	Frank C. Cook	Wilmington	10 May 97	June 96	1	8	3	5	1	2	0	District of Columbia	22 Dec. 98
976	Ammen Farnholt	Charleston	9 July 97	July 97	0	10	2	6	1	11	0	Massachusetts	29 May 94
977	Charles P. Kindelberger	Naval Hospital, Philadelphia	14 Sept. 98	May 97	2	1	3	1	0	0	5	Pennsylvania	9 July 97
978	Arthur W. Dunbar	Rosoluto	12 Jan. 98	Mar. 97	0	11	2	1	1	5	0	California	10 Oct. 97
979	Theodore W. Richards	Machias	22 Mar. 98	Oct. 97	0	9	2	1	1	0	3	District of Columbia	12 Nov. 94
980	Reginald K. Smith	Naval Hospital, New York	14 Dec. 98	Sept. 98	0	5	3	0	0	0	0	Alabama	3 Apr. 98
981	Jacob C. Rosenbleuth	Receiving-ship Vermont	23 Sept. 98	do	0	0	3	0	0	7	0	New York	14 Oct. 98
982	Moulton K. Johnson	Naval Hospital, New York	3 Oct. 98	do	0	0	2	1	0	10	0	Ohio	12 Nov. 98

ASSISTANT SURGEONS (37).

	Relative rank of Ensign.		24 July 97	1st cruise	1	5	1	5	1	0	1	New York	27 May 96
983	William M. Wheeler	Wheeling	1 Jan. 97	do	2	1	2	1	0	5	0	Connecticut	6 do
984	Robert S. Blakeman	Boston	3 Dec. 96	do	2	1	2	1	0	5	0	Georgia	11 Aug. 96
985	Samuel B. Palmer	Training-ship Annapolis	7 May 97	do	1	8	1	6	0	2	0	California	6 Oct. 96
5	George D. Grogan	Indiana	6 Mar. 97	do	1	6	1	6	0	0	1	South Carolina	24 Oct. 96
987	Frank P. Readwell	Knoxville	20 July 97	do	1	6	1	6	0	0	1	Massachusetts	27 Nov. 96
988	Dudley N. Carpenter	Omaha	7 Mar. 97	do	1	3	1	3	0	10	0	New Hampshire	9 Feb. 97
989	Daniel H. Morgan	Rich Commission str. Albatross	27 Oct. 98	June 98	0	3	1	3	0	1	0	West Virginia	27 Nov. 96
990	James C. Pryor	Training-ship Vicksburg	1 Apr. 98	1st cruise	0	1	1	1	0	18	1	Tennessee	23 Feb. 97
991	Washington B. Grove	New York	25 Dec. 97	do	0	12	1	12	0	1	5	Virginia	9 June 97
992	Raymond Spear	Baltimore	16 Feb. 98	do	0	10	0	10	0	2	0	Pennsylvania	23 June 97
993	Joseph C. Thompson	Oregon	10 Apr. 98	do	0	9	0	9	0	0	0	New York	19 July 97
994	Harold H. Heas	Scorpion	15 Apr. 98	do	0	9	0	9	0	3	0	Virginia	28 Dec. 97
995	Edward W. Armstrong	Training-ship Alliance	29 June 98	do	0	7	0	7	0	0	0	New York	9 Apr. 98
996	William H. Bucher	Massachusetts	29 June 98	do	0	6	0	6	0	2	0	Pennsylvania	do
997	Walter J. Tompson	Newark	28 Sept. 98	do	0	6	0	6	0	0	1	Massachusetts	19 Apr. 98
998	John B. Dennis	Knoxville	3 Aug. 98	do	0	5	0	5	0	1	0	Maryland	10 Apr. 98
1000	Elon O. Huntington	Training-ship Adams	21 Nov. 98	do	0	5	0	5	0	4	0	Minnesota	24 May 98
1001	Ralph B. Davis	Georgia	10 Sept. 98	do	0	2	0	2	0	1	0	California	27 May 98
1002	David B. Kerr	Amphitrite	21 Oct. 98	do	0	2	0	2	0	4	0	Virginia	1 June 98
1003	Charles A. Crawford	Chicago	19 Dec. 98	do	0	2	0	2	0	1	0	Virginia	do
1004	Eugene J. Crow	Soledad	16 Dec. 98	do	0	2	0	2	0	4	0	New Hampshire	9 June 98
1005	James K. Whitling	Rosoluto	4 Dec. 98	do	0	1	0	1	0	0	0	New York	14 June 98
1006	Thomas M. Lippitt	Xosolote	8 Nov. 98	do	0	2	0	2	0	4	0	Virginia	27 June 98
1007	Alfred G. Grunwell	Naval Academy	3 Oct. 98	do	0	2	0	2	0	0	0	Minnesota	7 July 98
1008	Daniel G. Beebe	Naval Academy	28 Oct. 98	do	0	3	0	3	0	2	0	Minnesota	do
1009	Cary D. Langhorne	Monadnock	28 Oct. 98	1st cruise	0	3	0	3	0	1	0	Virginia	do
1010	Jerome S. Chaffee	Naval Hospital, Washington	26 Oct. 98	do	0	3	0	3	0	5	0	New York	21 July 98
1011	Fredrick L. Benton	Supply	26 Oct. 98	do	0	2	0	2	0	0	0	New York	do
30	Wiliam M. Garrison	Naval Hospital, Mare Island	26 Oct. 98	1st cruise	0	2	0	2	0	3	0	Iowa	27 July 98
1012	Frank E. McCullough	Naval Hospital, Boston	26 Sept. 98	do	0	2	0	2	0	0	0	District of Columbia	10 Aug. 98
1013	Francis M. Furong	Naval Hospital, Boston	26 Sept. 98	do	0	3	0	3	0	4	0	District of Columbia	10 Sept. 98
1014	Granville L. Angely	Puget Sound Naval Station	26 Oct. 98	do	0	0	0	0	0	0	1	Massachusetts	do
1015	William H. Bell	Naval Hospital, Mare Island	26 Sept. 98	do	0	0	0	0	0	5	0	Wisconsin	do
1016	William C. Orr	Naval Hospital, Mare Island	21 Sept. 98	do	0	0	0	0	0	0	0	California	14 Oct. 98
1017	William L. Bell	Naval Hospital, New York	15 Dec. 98	do	0	0	0	0	0	0	0	California	6 Nov. 98
1018	Richmond C. Holcomb	Naval Hospital, New York	15 Dec. 98	do	0	0	0	0	0	0	0	New York	2 Dec. 98

* Naval Cadet, 10 June, 1889; resigned 28 June, 1893.
 † Subject to examination.
 ‡ Includes service in Volunteer Navy.
 § Subject to confirmation by Senate; not yet commissioned.

a Naval Cadet, 21 May, 1885; resigned 26 May, 1887.
 b Naval Cadet, 17 May, 1883; resigned 20 February, 1886.
 c Naval Cadet, 6 September, 1883; resigned 20 September, 1888.
 d Naval Cadet, 6 September, 1883; honorably discharged 30 June, 1889.

PAY CORPS, ACTIVE LIST.

PAY DIRECTORS (13).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms		Ys	Ms
<i>Relative rank of Captain.</i>											
	1051	Charles H. Eldredge	Navy pay office, Norfolk	2 Nov. 96	Sept. 77	0	0	8	3	23	9
	1052	Edward May	Navy pay office, Boston	10 Mar. 96	July 77	0	0	10	2	23	3
	1053	Henry M. Denniston	General storekeeper, Portsmouth	31 Mar. 96	June 84	0	0	11	4	21	2
	1054	Rufus Parks	General storekeeper, Washington	5 Apr. 98	do	0	0	0	3	21 ^a	4
5	1055	Frank C. Cosby	General inspector, Pay Corps	16 Mar. 98	Jan. 81	0	0	10	4	22	1
	1056	Edwin Stewart*	Chief Bu. Supplies and Acc'ts	16 May 90	Aug. 85	0	0	11	6	24	4
	1057	George Cochran	Navy-yard, Norfolk	9 Nov. 96	Aug. 73	0	0	12	6	14	7
	1058	Joseph A. Smith	Naval Station, Havana	21 Dec. 98	July 78	0	0	8	0	23	5
	1059	Thomas T. Caswell	Naval Academy	17 Apr. 95	Jan. 87	0	0	11	1	22	2
10	1060	Albert S. Kenny	General storekeeper, New York	1 June 96	May 95	0	0	12	3	20	5
	1061	James E. Tolfree	Navy pay office, New York	29 May 96	May 89	0	0	14	3	21 ^a	7
	1062	George A. Lyon	Navy pay office, Philadelphia	1 Apr. 98	July 97	0	0	12	4	18	0
	1063	Edward Bellows ^b	Returning from Baltimore	— Dec. 98	Dec. 98	0	4	10	9	5	11

PAY INSPECTORS (13).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms		Ys	Ms
<i>Relative rank of Commander.</i>											
	1064	George W. Beaman	Navy-yard, Boston	7 May 96	Mar. 96	2	8	2	5	27	11
	1065	Arthur Burtis	New York (fleet paymaster)	1 July 97	Jan. 92	1	10	12	11	17	2
	1066	Edwin Putnam	General storekeeper, Norfolk	20 May 98	Oct. 91	0	0	13	10	16	6
	1067	Robert P. Lisle	Naval Home	10 Nov. 98	Oct. 98	2	1	2	9	21 ^a	7
5	1068	Leonard A. Frailey	Bureau Supplies and Accounts	10 Oct. 98	Sept. 98	0	4	2	1	21 ^a	0
	1069	George E. Hendee	General storekeeper, Boston	31 Mar. 96	Feb. 95	0	1	2	2	21 ^a	0
	1070	Henry T. Wright	Navy-yard, New York	1 Sept. 97	July 96	1	3	2	7	21 ^a	3
	1071	Daniel A. Smith	Olympia (fleet paymaster)	26 Dec. 96	Feb. 96	2	0	2	1	21 ^a	8
10	1072	George H. Griffing	Navy pay office, San Francisco	20 Nov. 96	Dec. 94	0	0	2	10	21 ^a	0
	1073	Albert W. Bacon	General storekeeper, Mare Island	5 Feb. 97	Jan. 97	0	0	2	3	21 ^a	9
	1074	Charles W. Slamm	Receiving-ship Franklin	24 Apr. 98	Feb. 95	0	0	2	7	21 ^a	5
	1075	Joseph Foster	Navy-yard, Portsmouth	14 July 98	Oct. 96	0	0	2	8	21 ^a	2
	1076	Theodore S. Thompson	Waiting orders	4 Oct. 98	Oct. 98	0	3	2	3	21 ^a	9

PAYMASTERS (40).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms		Ys	Ms
<i>Relative rank of Lieut. Commander (15).</i>											
	1077	William J. Thomson	Coast survey	30 Sept. 98	Sept. 98	9	10	2	9	21 ^a	9
	1078	Henry G. Colby	Asst. to Bureau of S. and A.	1 Feb. 98	Jan. 98	7	11	2	7	21 ^a	7
	1079	John B. Redfield†	Receiving-ship Richmond	23 May 98	Apr. 97	6	4	2	5	21 ^a	1
	1080	Ichabod G. Hobbs	Brooklyn	1 Dec. 96	Nov. 93	8	4	2	1	21 ^a	11
5	1081	Joel P. Loomis	Cadet storek'r, Naval Academy	15 Sept. 96	Oct. 95	6	11	2	0	21 ^a	4
	1082	Henry T. B. Harris	Receiving-ship Vermont	20 Aug. 97	Nov. 94	5	8	2	3	21 ^a	11
	1083	Stephen Rand	Navy pay office, Washington	15 July 97	May 97	5	3	2	3	21 ^a	6
	1084	Lawrence G. Boggs	Massachusetts	15 Mar. 98	Oct. 94	4	0	1	3	21 ^a	4
	1085	Samuel R. Colhoun	Torpedo station	1 Dec. 98	Sept. 98	5	10	1	2	21 ^a	9
10	1086	William W. Barry	Navy-yard, Mare Island	1 Oct. 96	Apr. 93	3	0	2	11	21 ^a	11
	1087	Josiah R. Stanton	Philadelphia	29 June 98	Dec. 95	3	4	1	2	21 ^a	2
	1088	James A. Ring	Iowa	16 June 97	Sept. 94	4	11	1	3	21 ^a	9
	1089	James E. Cann	Training-ship Adams	15 July 96	June 93	4	0	1	11	21 ^a	2

^a Includes service in Volunteer Navy.
[†] Paymaster-General, with relative rank of Commodore.
[‡] Also has accounts of "Uncas."
^b Subject to examination.

PAY CORPS, ACTIVE LIST.

PAY DIRECTORS (13).

Number in grade.	Unemployed.	Appointed from—	Entry and promotions.						
			Acting Assistant Paymaster.	Assistant Paymaster.	Passed Assistant Paymaster.	Paymaster.	Pay Inspector.	Pay Director.	
	Ys	Ms							
5	6	New York		10 July 61		6 Feb. 62	3 July 71	31 Aug. 81	
3	11	Massachusetts		6 Sept. 61		14 Apr. 62	25 Sept. 75	24 Dec. 83	
4	10	New York		9 Sept. 61		do	19 Aug. 76	31 July 84	
8	9	New York		12 Sept. 61		do	23 Feb. 77	10 Aug. 88	
5	4	11 Kentucky		a24 Aug. 61		do	12 Apr. 77	5 July 89	
1	5	New York		9 Sept. 61		do	8 Mar. 79	12 Sept. 91	
10	2	Pennsylvania		27 Sept. 61		12 June 63	6 Dec. 80	19 Nov. 91	
5	10	Maine		8 Oct. 61		23 Aug. 62	15 May 79	24 Nov. 91	
4	1	Rhode Island		9 Sept. 61		17 Sept. 63	31 Aug. 81	25 Dec. 92	
10	4	2 Vermont		19 Mar. 62		9 Mar. 65	31 July 84	26 Sept. 97	
2	6	New York	13 Sept. 62	3 Mar. 65		22 Jan. 66	10 Aug. 86	12 Feb. 98	
6	2	Pennsylvania		11 June 62		23 Jan. 66	15 Sept. 88	15 Mar. 98	
19	10	New Hampshire		do		20 Feb. 66	5 July 89	10 July 98	

PAY INSPECTORS (13).

6	6	Missouri	5 Mar. 62	11 June 62		28 Mar. 66	12 Sept. 91
6	4	New York		14 July 62		4 May 66	21 Sept. 91
6	0	Maine		20 Sept. 62		do	19 Nov. 91
5	3	10 Pennsylvania	2 Nov. 63	2 July 64	4 May 66	11 Dec. 67	19 Jan. 92
3	3	District of Columbia	20 Aug. 64		23 July 66	29 Jan. 69	24 May 94
4	3	Massachusetts	b25 Mar. 64		do	27 Feb. 69	9 Jan. 95
6	0	Wisconsin	19 Feb. 64		do	10 Mar. 70	10 Apr. 95
3	7	New Hampshire	31 Aug. 63		do	23 July 70	10 Oct. 96
5	4	Maryland	18 Nov. 64		do	3 Oct. 74	26 Sept. 97
10	5	2 Pennsylvania	c7 Nov. 63	23 July 66	1 Aug. 66	25 Oct. 74	12 Feb. 98
8	2	New York	4 Nov. 62	do	22 Mar. 67	28 Aug. 76	15 Mar. 98
5	4	New Hampshire	d19 Oct. 63	do	10 May 67	23 Feb. 77	15 June 98
7	5	Massachusetts	9 Oct. 63	do	1 Feb. 68	25 Jan. 78	10 July 98

PAYMASTERS (40).

3	3	Maryland	29 Mar. 65	23 July	20 Mar. 68	16 Feb. 78
5	9	Vermont	22 June 63	do	9 Apr. 68	6 Sept. 78
7	3	Michigan	e16 Jan. 65	21 Feb. 67	11 June 68	8 Mar. 79
3	9	Maine	31 Aug. 64	do	16 Sept. 68	15 May 79
5	5	10 Pennsylvania	27 Oct. 63	do	29 Jan. 69	6 Dec. 80
5	7	New York	1 Nov. 64	do	17 Feb. 69	18 Jan. 81
8	4	New Hampshire		f12 Aug. 69	30 Apr. 74	31 July 84
2	8	District of Columbia		g24 Sept. 69	25 Oct. 74	28 Jan. 86
5	4	Pennsylvania		28 Sept. 69	15 Jan. 75	16 July 86
10	5	0 Massachusetts	30 July 63	15 Mar. 70	12 Apr. 77	18 Dec. 86
3	10	New York		25 Mar. 70	25 Nov. 77	26 Mar. 89
6	1	Massachusetts		24 Jan. 70	23 Feb. 77	20 Aug. 89
3	5	Pennsylvania		14 July 70	22 Oct. 78	21 Sept. 91

a Captain's clerk, 17 May, 1857; sea service, 3 years 1 month.
 b Paymaster's clerk, 10 October, 1861; sea service, 1 year 8 months.
 c Captain's clerk, 10 December, 1861; sea service, 11 months.
 d Captain's clerk, 3 October, 1862; sea service, 1 year.
 e Paymaster's clerk, February, 1864; sea service, 11 months.
 f Acting Third Assistant Engineer, 17 December, 1864; sea service, 4 years 3 months.
 g Paymaster's clerk, 1 October, 1862; sea service, 1 year 9 months; shore, 3 years 8 months.

PAY CORPS.

PAYMASTERS—Continued.

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
		<i>Relative rank of Lieutenant (27).</i>									
15	1090	John N. Speel.....	Navy-yard, League Island.....	16 July 98	May 98	3	5	11	3	8	9
	1091	Reah Frazer.....	Indiana.....	10 Dec. 96	July 93	3	6	13	8	5	0
	1092	Hiram E. Drury.....	Clothing Factory, New York.....	1 Jan. 98	Jan. 98	2	5	7	8	11	6
	1093	Charles W. Littlefield.....	Receiving-ship Wabash.....	1 Nov. 98	Sept. 98	3	2	10	9	7	9
	1094	Arthur Peterson.....	Baltimore.....	20 Apr. 97	Feb. 94	2	2	9	9	8	10
	1095	Ambrose K. Michler.....	Bureau of Supplies and Accounts.....	17 Mar. 98	Feb. 89	0	0	6	1	11	2
20	1096	William W. Galt.....	Glacier.....	20 Nov. 96	Feb. 93	12	0	11	5	7	3
	1097	John R. Martin.....	Boston.....	18 Nov. 95	Apr. 94	3	4	12	8	4	4
	1098	Charles M. Ray.....	Navy pay office, Baltimore.....	19 May 98	Mar. 98	2	5	8	7	9	5
	1099	Mitchell C. McDonald..	Naval Hospital, Yokohama.....	21 Oct. 97	Aug. 97	2	0	8	0	9	3
	1100	Eustace B. Rogers.....	Monterey.....	1 Apr. 97	July 95	2	7	8	2	9	6
25	1101	Leeds C. Kerr.....	Minneapolis*.....	15 Mar. 98	Jan. 98	3	4	11	3	6	5
	1102	Richard T. M. Ball.....	Chicago.....	1 Dec. 98	Aug. 98	1	8	8	6	7	4
	1103	Charles S. Williams.....	Ordered to Navy-yard, League Is.	21 Dec. 98	Dec. 98	5	6	10	5	4	10
	1104	Thomas J. Cowie.....	Tr. ship and station, Newport ..	1 Aug. 97	Apr. 97	1	7	6	11	9	7
	1105	John S. Carpenter.....	Texas.....	1 Jan. 98	Apr. 93	1	0	8	1	7	6
30	1106	Livingston Hunt.....	Navy-yard, Washington.....	1 Dec. 98	Nov. 98	1	8	9	4	6	7
	1107	John A. Mudd.....	Navy-yard, New York.....	6 Oct. 98	Mar. 96	0	0	6	4	9	3
	1108	Willis B. Wilcox.....	Monadnock.....	11 July 96	Mar. 92	1	6	9	4	5	3
	1109	George W. Simpson.....	Newark.....	1 Dec. 98	June 98	0	9	7	7	6	6
	1110	Harry R. Sullivan.....	New Orleans.....	29 May 97	June 94	1	0	8	6	7	10
35	1111	Samuel L. Heap.....	Raleigh.....	20 Nov. 97	Aug. 94	0	10	8	11	7	3
	1112	John Q. Lovell.....	Amphitrite.....	13 Apr. 98	Feb. 95	0	9	8	6	5	9
	1113	James S. Phillips.....	Charleston.....	21 Apr. 98	May 96	0	8	6	6	7	5
	1114	Thomas S. Jewett.....	Bureau of Supplies and Accounts.	23 June 96	Jan. 95	0	0	2	7	3	11
	1115	Frank T. Arms.....	Detroit.....	15 Sept. 97	May 95	0	7	5	0	1	7
40	1116	Thomas H. Hicks.....	Navy-yard, New York.....	7 Dec. 97	May 97	0	0	3	11	2	4

* Also has accounts of "Columbia," "Katahdin," "Panther," "Vulcan," and "Yosemite."

PAYMASTERS—Continued.

Number in grade.	Unemployed.	Appointed from—	Entry and promotions.		
			Assistant Paymaster.	Passed Assistant Paymaster.	Paymaster.
	<i>Ys Ms</i>				
15	3 6	Minnesota	1 July 75	15 May 79	24 Nov. 91
	4 9	Pennsylvania	a15 July 75	27 Oct. 79	19 Jan. 92
	3 2	Massachusetts	8 Sept. 76	9 Mar. 81	25 Feb. 92
	3 9	Maine	do	16 June 81	25 Dec. 92
	3 3	Pennsylvania	23 Feb. 77	14 July 81	15 Aug. 93
	3 11	District of Columbia	31 Oct. 77	1 Sept. 81	12 Sept. 93
20	1 10	Virginia	25 Jan. 78	15 Oct. 81	26 Sept. 93
	3 7	Ohio	14 June 78	30 Jan. 82	2 Feb. 94
	1 10	District of Columbia	3 Mar. 79	2 Apr. 82	7 Feb. 94
	2 7	Pennsylvania	do	20 May 82	7 Apr. 94
	2 2	California	do	2 Nov. 84	24 May 94
25	0 11	Maryland	16 June 80	25 Feb. 87	30 Mar. 95
	2 9	Virginia	do	19 June 88	10 Apr. 95
	3 4	Wisconsin	do	20 Aug. 89	13 June 95
	2 1	Iowa	do	26 Mar. 89	11 Sept. 95
	1 7	Kentucky	29 Oct. 81	19 Nov. 91	14 Aug. 96
30	1 3	New York	do	24 Nov. 91	10 Oct. 96
	1 7	Missouri	b do	19 Jan. 92	1 Nov. 96
	2 7	Iowa	do	19 Feb. 92	9 July 97
	2 8	New York	1 Apr. 82	25 Dec. 92	26 Sept. 97
	2 3	Ohio	16 June 80	19 June 88	1 Nov. 97
35	0 8	District of Columbia	c1 Apr. 82	15 Aug. 93	5 Feb. 98
	0 9	Louisiana	26 July 82	12 Sept. 93	12 Feb. 98
	2 3	Kansas	21 Oct. 82	26 Sept. 93	15 Mar. 98
	0 4	Missouri	14 Mar. 92	2 Feb. 94	30 Mar. 98
	0 3	Connecticut	do	7 Feb. 94	15 June 98
40	0 4	Maryland	27 May 92	7 Apr. 94	10 July 98

a Captain's clerk from 2 November, 1872, to 29 May, 1875; sea service, 2 years 6 months 27 days.

b Cadet Midshipman, 11 September, 1875; Midshipman from 10 June, 1881, to 29 October, 1881; sea service, 2 years 2 months; shore duty, 2 years 8 months.

c Cadet Midshipman, 4 November, 1872; sea service, 0 years 3 months; shore duty, 1 year 4 months.

PAY CORPS.

PASSED ASSISTANT PAYMASTERS (20).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last tour of sea service.	Sea service under present commission.			Total sea service.			Shore or other duty.			Unemployed.	Appointed from—	Entry and promotion.	
						Ys	Ms	Ms	Ys	Ms	Ms	Ys	Ms	Ms			Assistant Paymaster.	Passed Assistant Paymaster.
			Cincinnati.	23 Mar. 98	Oct. 95	2	1	3	8	2	8	0	3	27 May 92	24 May 94			
	1117	Henry E. Jewett	Oregon	10 Mar. 98	Dec. 95	1	9	3	8	2	8	0	3	do	9 Jan. 95			
	1118	Ziba W. Reynolds	Nanshan a	10 June 97	Apr. 97	3	2	5	3	4	6	0	2	29 July 92	27 Feb. 95			
	1120	Eugene D. Ryan	Naval Station, Port Royal.	6 Apr. 98	Mar. 97	2	6	3	2	1	6	0	2	15 Mar. 94	30 Mar. 95			
5	1121	Samuel McGowan	Marblehead.	15 Apr. 97	Jan. 97	3	6	3	11	0	6	0	4	do	10 Apr. 95			
	1122	Henry A. Dent	Returning from Mayflower.	— Dec. 98	Dec. 98	3	6	4	3	0	5	0	2	do	13 June 95			
	1123	Walter L. Wilson	Navy-yard, New York.	25 Feb. 98	Dec. 97	2	3	3	3	1	3	0	4	do	11 Sept. 95			
	1124	William J. Littell	General Storekeeper, Pensacola.	12 Mar. 98	Nov. 97	1	3	3	3	1	4	0	2	do	14 Aug. 96			
	1125	Philip V. Mohun	Navy-yard, Washington.	15 Dec. 98	Oct. 98	2	0	3	9	0	5	0	3	do	10 Oct. 96			
10	1126	Martin McM. Ramsay	Waiting orders	21 Dec. 98	Nov. 98	2	0	3	8	0	6	0	2	do	1 Nov. 96			
	1127	Joseph J. Cheatham	Navy-yard, Boston	1 Dec. 98	Oct. 98	1	1	2	8	1	0	0	2	do	26 Sept. 97			
	1128	Richard Hatton	Navy-yard, Norfolk	31 Mar. 96	later cruise.	1	2	9	0	9	0	0	1	23 May 95	1 Nov. 97			
	1129	Barron P. Du Bois	Bennington.	20 Nov. 98	Nov. 98	0	9	2	8	0	7	0	1	28 Aug. 95	5 Feb. 98			
	1130	Harry E. Biscoe	Navy-yard, Norfolk	Dec. 98	Dec. 98	0	9	2	10	0	5	0	1	31 Aug. 96	6 Mar. 98			
15	1131	John Irwin, Jr.	Settling accounts	28 Dec. 96	later cruise.	0	10	2	0	0	3	0	1	7 Nov. 96	15 Mar. 98			
	1132	George G. Seibels	Petrol	18 Jan. 97	do	0	9	1	10	0	7	0	2	28 Dec. 96	30 Mar. 98			
	1133	Edmund W. Bonnafon	Montgomery	7 Apr. 97	do	0	3	1	4	0	2	0	1	18 May 97	15 June 98			
	1134	Joseph Pyffe	Training-ship Annapolis	30 Nov. 98	do	0	5	1	4	0	3	0	1	22 Sept. 95	10 July 98			
	1135	John H. Merriam	Waiting orders	19 Aug. 97	later cruise.	b	1	4	3	6	1	0	5	18 May 97	23 Oct. 98			
20	1136	Timothy S. O'Leary	Nashville.	18 Oct. 97	do	0	2	1	1	0	0	0	1	1 Oct. 97				
	1136	Ulysses G. Ammen	Training-ship Essex.		do	0	2	1	1	0	0	0	1	1 Oct. 97				

ASSISTANT PAYMASTERS (25).

<i>Relative rank of Ensign (25).</i>			12 Nov. 97	1st cruise.	1	2	1	2	0	0	0	0			
1137	Robert C. Schenck.....	Training-ship Vicksburg.....	1 June 98	May 98	c0	5	1	2	0	2	0	10	1	Maryland	20 Oct. 97
1138	George Brown, Jr.....	Puget Sound Naval Station	23 Mar 98	1st cruise.	d0	9	0	5	2	10	0	0	1	Indiana	15 Nov. 97
1139	Walter B. Izard.....	Massie	15 Mar 98			1	3	3	0	0	0	0	1	South Carolina	18 Feb. 98
1140	David Porter.....	Buffalo	24 Mar 98		d0	10	2	7	4	9	0	0	1	New Jersey	do
5	1141	Samuel Bryan.....	Dolphin	2 Apr 98		d0	0	9	2	7	4	9	0	District of Columbia	14 Mar. 98
1142	George M. Lukesch.....	Monocacy	25 Apr 98		d0	0	6	0	6	0	2	0	1	Ohio	17 Mar. 98
1143	John W. Morse.....	Wilmington	11 May 98		d0	0	7	0	1	0	0	0	0	Massachusetts	12 Apr. 98
1144	Arthur F. Huntington.....	Topeka	16 May 98		d0	0	8	0	8	0	0	0	0	New York	10 May 98
1145	Harry H. Balthis.....	Leasketer	24 May 98		d0	0	7	0	7	0	0	0	0	Colorado	do
1146	Charles Comand.....	Training-ship Alliance	23 May 98		d0	0	7	0	7	0	4	0	0	New York	do
1147	William T. Gray.....	Clothing factory, New York	30 May 98	1st cruise.	d0	0	7	0	7	0	4	0	3	North Carolina	do
1148	George P. Dyer.....	Princeton.....	31 Dec. 98	Dec. 98	d0	6	0	6	0	1	0	0	0	New York	20 May 98
1149	Robert H. Woods.....	Settling accounts.....	21 Sept. 98	1st cruise.	d0	3	0	3	0	4	0	0	0	District of Columbia	do
1150	William A. Merritt.....	Helena	14 June 98		d0	0	7	0	7	0	0	0	0	Delaware	do
1151	Franklin W. Hart.....	Yankee	22 Sept. 98		d0	0	3	0	3	0	4	0	0	Maryland	do
1152	William L. Rose.....	Martini	1 Sept. 98		d0	0	4	0	4	0	3	0	3	District of Columbia	do
1153	William H. Robins.....	Carleton	30 Sept. 98		d0	0	3	0	3	0	4	0	4	Mississippi	do
1154	William H. Rose.....	Washing	20 June 98		d0	0	6	0	6	0	0	1	0	New York	do
1155	William H. Dolerty.....	Scitons	28 May 98		d0	0	7	0	7	0	0	0	0	Massachusetts	do
1156	Charles W. Parrose.....	Hist	11 June 98		d0	0	7	0	7	0	0	0	0	New York	do
1157	Charles Morris, Jr.....	Iris	9 June 98		d0	0	7	0	7	0	0	0	0	Massachusetts	do
1158	Abel B. Perkins.....	Yonk-town	17 Nov. 98		d0	0	1	0	1	0	4	0	1	New York	do
1159	Fredorak K. Perkins.....	Settling accounts.....	30 Dec. 98	Dec. 98	d0	6	0	6	0	1	0	0	0	California	17 June 98
1160	George C. Shafer.....	Peoria	14 July 98	1st cruise.	mc	2	0	2	0	6	0	1	0	District of Columbia	10 July 98
25	1161	Theodore J. Arms.....				0	0	0	0	6	0	1	0	New York	23 Oct. 98

† Subject to examination.
a Also duty connection Naval Station, Cavite, P. I.
b Cadet Midshipman, 29 September, 1879; honorably discharged, 30 June, 1895.
c Naval Cadet, 9 September, 1893; resigned, 20 November, 1895.
d Naval Cadet, 10 September, 1890; resigned, 17 June, 1891; reappointed, 7 September, 1891; resigned, 28 February, 1895.
e Cadet Midshipman, 24 June, 1876; honorably discharged, 30 June, 1883.
f Assistant Paymaster for temporary service, 27 April, 1898.
g Assistant Paymaster for temporary service, 27 April, 1898.
h Assistant Paymaster for temporary service, 27 April, 1898.
i Cadet Midshipman, 28 June, 1878; honorably discharged, 30 June, 1885. Assistant Paymaster for temporary service, 27 April, 1898.
j Appointed Naval Cadet, 30 September, 1878; honorably discharged, 30 June, 1886.
k Cadet Engineer, 1 October, 1880; honorably discharged, 30 June, 1886.
l Assistant Paymaster for temporary service, 11 June, 1898.
m Assistant Paymaster for temporary service, 11 June, 1898.

ENGINEER CORPS, ACTIVE LIST.

CHIEF ENGINEERS (70).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
		<i>Relative rank of Captain (11).</i>									
		1201 William G. Buehler.....	Navy-yard, Portsmouth.....	24 Dec. 94	Mar. 88	12	0	17	0	21	2
		1202 Louis J. Allen.....	Union Iron Works.....	27 Jan. 98	May 96	12	11	18	2	19	1
		1203 George W. Melville *.....	Chief Bur. Steam Engineering.....	16 Jan. 88	Nov. 84	2	6	17	8	18	7
5		1204 Joseph Trilley.....	Navy-yard, Mare Island.....	21 May 96	Jan. 96	9	11	17	1	18	1
		1206 Peter A. Rearick.....	Insp. mach. Newport News.....	5 May 96	May 96	11	4	21	0	14	0
		1206 Augustus H. Able.....	Sick leave.....	1 Dec. 98	Aug. 93	9	9	17	6	15	4
		1207 George J. Burnap.....	Insp. mach. Cramp's shipyard.....	25 Nov. 97	Nov. 97	9	9	19	0	15	2
		1208 Cipriano Andrade.....	Mem. Board Inspection and Survey.....	3 Oct. 98	Apr. 97	8	4	19	1	14	3
10		1209 John Lowe.....	Mem. Engineer Ex. Board.....	21 Nov. 98	Dec. 97	7	3	21	0	13	9
		1210 Chas. J. MacConnell.....	Sick leave.....	28 Sept. 98	Aug. 98	6	0	20	2	9	1
		1211 Lewis W. Robinson.....	Waiting orders.....	29 Dec. 97	Apr. 97	6	0	18	7	13	0
		<i>Relative rank of Commander (15).</i>									
		1212 William H. Harris.....	Bath Iron Works.....	15 Mar. 98	Feb. 98	5	8	18	10	13	11
		1213 James Entwistle.....	Raleigh.....	10 Dec. 95	May 90	5	8	19	10	13	3
		1214 Ralph Aston.....	Brooklyn.....	4 Aug. 97	Aug. 94	4	7	20	11	9	1
15		1215 William A. Windsor.....	Navy-yard, New York.....	17 Jan. 98	Jan. 98	4	7	19	11	11	9
		1216 Henry S. Ross.....	Newark.....	10 June 96	June 93	5	8	18	2	8	7
		1217 John L. Hannum.....	Minneapolis and Columbia.....	16 Dec. 98	Aug. 98	4	0	20	6	9	8
		1218 Charles R. Roelker.....	Mem. Board Inspection and Survey.....	14 Nov. 98	Nov. 98	8	7	12	10	21	2
		1219 John D. Ford.....	Olympia (Fleet Engineer).....	1 Dec. 96	Oct. 93	4	10	16	7	16	4
20		1220 Alexander B. Bates.....	Texas.....	20 Sept. 97	May 95	3	10	19	5	10	9
		1221 Robert W. Milligan.....	New York.....	25 Apr. 96	Jan. 93	3	4	18	2	14	0
		1222 Albert C. Engard.....	Philadelphia.....	23 June 98	Apr. 95	3	6	21	8	11	2
		1223 John A. B. Smith.....	Navy-yard, Norfolk.....	27 Feb. 96	Jan. 96	1	7	15	11	15	0
		1224 George W. Baird.....	Supt. State, War, and Navy b'ldg.....	5 Aug. 95	July 95	8	0	19	0	16	11
25		1225 Charles W. Rae.....	Iowa.....	16 June 97	Mar. 93	1	8	14	3	15	11
		1226 Richard Inch.....	Charleston.....	4 June 97	July 94	3	6	20	5	10	3
		<i>Relative rank of Lieutenant-Commander (1).</i>									
		1227 Harrie Webster.....	Bureau Steam Engineering.....	20 Dec. 97	Dec. 97	3	4	a17	10	a14	9
		<i>Relative rank of Lieutenant (45).</i>									
		1228 Holland N. Stevenson.....	Monterey.....	21 Aug. 97	July 94	2	11	17	9	12	0
		1229 George Cowie.....	Montgomery.....	8 Dec. 96	Jan. 94	2	3	a20	2	a8	7
30		1230 George H. Kearny.....	Naval Academy.....	15 June 97	Apr. 97	3	1	15	2	13	7
		1231 William S. Moore.....	Receiving-ship Vermont.....	29 Oct. 98	Oct. 98	3	9	17	1	13	8
		1232 Julian S. Ogden.....	Navy-yard, Washington.....	1 Aug. 98	June 98	4	2	16	6	14	2
		1233 Warner B. Bayley.....	Massachusetts.....	10 Jan. 98	Apr. 96	2	11	a17	11	a12	4
		1234 Charles P. Howell.....	Naval Station, Havana.....	21 Dec. 98	Dec. 98	2	6	17	10	8	8
35		1235 James H. Perry.....	Oregon.....	23 Jan. 98	July 97	2	0	a17	10	a14	1
		1236 Albert F. Dixon.....	Chicago.....	1 Dec. 98	June 97	3	0	18	6	6	0
		1237 Joseph P. Mickley.....	Inspection duty, Philadelphia.....	14 Oct. 98	July 98	1	5	a18	10	a10	7
		1238 William H. Nauman.....	Receiving-ship Wabash.....	26 Nov. 98	Mar. 98	3	0	12	9	11	3
		1239 John K. Barton.....	Navy-yard, Boston.....	31 Oct. 98	May 97	2	2	12	7	12	9
40		1240 Robert G. Denig.....	Topeka.....	22 Apr. 98	May 96	2	0	13	6	11	2
		1241 George B. Ransom.....	Boston.....	21 Mar. 97	Oct. 93	1	9	13	3	11	10
		1242 William C. Eaton.....	Amphitrite.....	30 Mar. 97	July 94	1	9	14	2	9	6
		1243 Alfred B. Canaga.....	Bureau of Steam Engineering.....	2 Mar. 96	Apr. 95	0	0	13	7	11	0
		1244 Abraham V. Zane.....	Civil Service Commission.....	1 Oct. 98	July 97	1	11	13	5	10	10

* Engineer in chief, with relative rank of Commodore.

† Three months and thirteen days in Volunteer Army.

a Includes service in Volunteer Navy.

ENGINEER CORPS, ACTIVE LIST.

CHIEF ENGINEERS (70).

Number in grade.	Unemployed.	Appointed from—	Entry and promotions.						
			Acting Third Assistant Engineer.	Third Assistant Engineer.	Second Assistant Engineer.	First Assistant Engineer.	Assistant Engineer.	Passed Assistant Engineer.	Chief Engineer.
	Ys Ms								
2	11	Pennsylvania.....		21 Nov. 57	8 Oct. 61	6 Oct. 62			10 Nov. 63
2	5	Maryland.....		3 May 59	13 May 61	20 May 63			4 Mar. 71
1	2	New York.....		29 July 61	18 Dec. 62	30 Jan. 65		24 Feb. 74	4 Mar. 81
6	2	Maryland.....		11 Aug. 60	30 July 62	20 July 64			31 Jan. 73
3	10	Dist. of Columbia..		17 Feb. 60	22 July 62	1 Mar. 64		24 Feb. 74	25 Mar. 74
5	0	Pennsylvania.....		21 Feb. 61	21 Apr. 63	1 Dec. 64		do	20 Nov. 74
3	6	New York.....		13 May 61	16 Jan. 63	1 Jan. 65		do	1 Nov. 79
4	1	Pennsylvania.....		1 July 61	18 Dec. 62	30 Jan. 65		do	11 Sept. 81
10	7	Ohio.....		14 Aug. 61	21 Apr. 63	11 Oct. 66		do	16 June 83
7	11	New Jersey.....		29 Oct. 61	30 July 63	do		do	2 Dec. 85
5	8	New Jersey.....		21 Sept. 61	do	do		do	19 Aug. 83
4	6	Massachusetts.....		do	do	do		do	27 Dec. 83
4	1	New Jersey.....		29 Oct. 61	3 Aug. 63	do		do	1 July 87
7	1	Connecticut.....		9 Dec. 61	8 Sept. 63	1 Jan. 68		do	28 July 88
4	8	Maryland.....		16 Sept. 62	1 Mar. 64	do		do	17 June 89
5	6	New York.....		17 Nov. 62	23 Mar. 64	do		do	28 Jan. 90
9	5	Pennsylvania.....		21 Apr. 63	28 Sept. 64	23 Nov. 72		do	4 May 91
2	1	New York.....		8 Dec. 62	8 Apr. 64	do		do	10 Nov. 90
3	5	Maryland.....		30 July 62	15 Feb. 64	6 June 68		do	27 Dec. 90
20	5	10 Maryland.....		16 Jan. 63	28 May 64	1 Jan. 74		do	12 Apr. 92
3	3	Pennsylvania.....		3 Aug. 63	25 July 66	do	24 Feb. 74	25 Mar. 74	16 May 92
3	0	Pennsylvania.....		17 Mar. 63	26 July 66	11 Jan. 73		24 Feb. 74	3 Oct. 91
4	7	Maryland.....		21 Apr. 63	28 Sept. 64	do		do	16 Feb. 92
0	4	Dist. of Columbia..		19 Sept. 62	8 Sept. 63	25 July 66		17 June 74	22 June 92
2	1	New York.....		10 Oct. 66	2 June 68	do		24 Feb. 74	28 Dec. 75
4	8	Dist. of Columbia..		10 Oct. 66	8 Sept. 63	15 Oct. 65		do	28 Sept. 74
4	3	Dist. of Columbia..		8 Feb. 62	20 May 64	1 Jan. 68		do	29 Oct. 74
2	6	New York.....		10 Oct. 66	2 June 68	2 June 69		do	13 Dec. 74
3	3	Iowa.....		23 May 64	9 July 70	do		do	3 Dec. 76
3	6	New York.....		10 Oct. 66	2 June 68	2 June 69		do	1 Jan. 76
1	5	Massachusetts.....		do	do	do		do	11 June 76
1	6	New York.....		do	do	do		do	20 Oct. 75
2	8	New York.....		4 Aug. 64	do	2 Sept. 70		do	21 Sept. 77
4	9	New York.....		(b)	15 Aug. 70	do		do	3 Dec. 76
35	2	9 Connecticut.....		do	1 Sept. 70	do		do	25 Apr. 77
3	8	Massachusetts.....		(c)	29 Oct. 70	do		do	4 Nov. 77
3	1	Pennsylvania.....		23 Mar. 64	20 Mar. 71	do		do	24 Feb. 78
2	8	Pennsylvania.....		do	24 Apr. 72	do		do	12 Sept. 94
				<i>Cadet Engineer.</i>					
40	1	11 Pennsylvania.....		1 Oct. 71	do	23 Jan. 74		24 Feb. 74	1 Nov. 79
2	7	Ohio.....		do	do	do		do	25 Mar. 80
2	1	New York.....		do	do	do		26 Feb. 75	4 July 80
2	7	New York.....		1 Oct. 72	do	do		do	4 Mar. 81
1	8	Ohio.....		do	do	do		do	10 Mar. 81
3	0	Pennsylvania.....		1 Oct. 71	do	do		do	27 Aug. 81

a Acting Second Assistant Engineer 22 April, 1865; honorably discharged 19 December, 1865.

b Cadet Engineer 7 October, 1867.

c Acting Second Assistant Engineer 29 January, 1867.

d Honorably discharged 11 January, 1869.

CHIEF ENGINEERS—Continued.

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com. n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
45	1245	John R. Edwards.....	Cincinnati.....	29 Nov. 97	Oct. 94	0	8	14	8	9	5
	1246	Stacy Potts.....	Detroit.....	18 Feb. 96	July 98	2	10	15	6	9	7
	1247	Henry T. Cleaver.....	Yorktown.....	17 Nov. 98	June 98	2	5	17	7	4	9
	1248	Albert B. Willits.....	Bureau of Steam Engineering.....	6 May 98	Oct. 97	1	7	14	2	9	3
	1249	James P. S. Lawrance.....	Wilmington.....	10 May 97	June 94	1	8	14	7	7	5
50	1250	Isaac S. K. Reeves.....	Receiving ship Franklin.....	22 Dec. 98	Dec. 98	2	5	13	5	8	3
	1251	Wythe M. Parks.....	Miantonomoh.....	10 Mar. 98	June 95	0	10	11	7	9	0
	1252	Frank H. Bailey.....	Baltimore.....	15 Aug. 96	Oct. 91	2	5	13	5	10	3
	1253	George S. Willits.....	Marblehead.....	18 Oct. 97	Aug. 94	1	2	12	7	9	6
	1254	Walter F. Worthington.....	Inspection duty (Bu. S. E.).....	6 Oct. 98	Oct. 98	1	4	12	8	11	10
55	1255	William N. Little.....	Iris.....	11 July 98	Nov. 95	0	6	13	3	11	10
	1256	Edward R. Freeman.....	Nashville.....	19 Aug. 97	July 94	1	4	13	10	9	7
	1257	Theo. F. Burgdorff.....	Monadnock.....	10 June 98	Apr. 97	0	8	14	6	9	8
	1258	Frank H. Eldridge.....	Helena.....	7 July 97	Aug. 94	1	6	14	4	10	5
	1259	Edgar T. Warburton.....	New Orleans.....	4 Sept. 96	Oct. 93	1	7	14	0	9	9
60	1260	Robert I. Reid.....	Terror.....	8 Dec. 98	Feb. 94	1	0	18	8	5	2
	1261	George W. McElroy.....	Inspection duty, Elizabethport.....	21 Oct. 98	Oct. 98	0	2	13	3	8	5
	1262	Reynold T. Hall.....	Concord.....	20 July 96	Aug. 93	0	11	11	2	7	3
	1263	Franklin J. Schell.....	Naval Academy.....	20 Sept. 98	Sept. 97	0	1	11	7	10	10
	1264	Robert S. Griffin.....	Mayflower.....	23 Oct. 97	July 93	0	10	10	0	13	4
65	1265	Frank W. Bartlett.....	Naval Station, San Juan.....	5 Nov. 98	Sept. 98	0	1	12	6	9	10
	1266	Frederick C. Bieg.....	Buffalo.....	10 Mar. 98	Dec. 94	0	3	11	9	11	2
	1267	Howard Gage*.....	Bennington.....	28 June 98	Jan. 96	0	3	14	1	8	8
	1268	John L. Gow†.....	Navy yard, Boston.....	16 Dec. 98	Dec. 98	0	2	12	5	10	9
	1269	George E. Burd†.....	Inspection duty (Bu. S. E.).....	15 Dec. 98	Dec. 98	0	1	13	7	9	9
70	1270	Walter M. McFarland†.....	Bureau of Steam Engineering.....	17 Aug. 97	June 97	0	0	9	7	13	4

* Subject to examination.

† Subject to confirmation.

CHIEF ENGINEERS—Continued.

Number in grade.	Unemployed.	Appointed from—	Entry and promotions.				
			Cadet Engineer.	Second Assistant Engineer.	Assistant Engineer.	Passed Assistant Engineer.	Chief Engineer.
	<i>Ys Ms</i>						
45	3	1 Pennsylvania.....	1 Oct. 71	23 Jan. 74	26 Feb. 75	11 Sept. 81	5 Nov. 95
	2	2 Pennsylvania.....	do	do	do	12 Oct. 81	26 Jan. 96
	4	11 Pennsylvania.....	do	23 Jan. 74	24 Feb. 74	19 Mar. 79	20 Feb. 96
	2	5 Pennsylvania.....	1 Oct. 72	do	26 Feb. 75	12 Oct. 81	28 Mar. 96
	1	9 Pennsylvania.....	do	do	22 Mar. 75	16 June 83	5 June 96
50	1	5 Delaware.....	do	do	30 June 75	16 Sept. 83	21 June 96
	1	1 Virginia.....	do	do	8 May 77	22 June 84	27 June 96
	1	5 New York.....	1 Oct. 73	do	1 July 77	7 Oct. 84	do
	3	2 Pennsylvania.....	do	do	do	1 July 85	4 July 96
	0	9 Maryland.....	do	do	do	19 July 85	14 Oct. 96
55	1	2 Georgia.....	1 Oct. 72	do	do	17 Oct. 85	14 Dec. 96
	1	10 Mississippi.....	1 Oct. 73	do	do	26 Jan. 86	8 Feb. 97
	1	1 New Jersey.....	do	do	do	22 June 86	26 Feb. 97
	1	6 Ohio.....	1 Oct. 72	do	do	30 June 87	9 May 97
	2	6 Pennsylvania.....	do	do	1 July 78	1 July 87	28 May 97
60	1	1 Pennsylvania.....	do	do	do	19 June 88	22 Dec. 97
	2	2 Michigan.....	1 Oct. 74	do	20 June 80	28 Jan. 90	6 Aug. 98
	0	3 Pennsylvania.....	do	do	22 Apr. 80	9 Jan. 89	7 Feb. 98
	1	10 Pennsylvania.....	1 Oct. 74	do	20 June 80	16 May 89	16 Feb. 98
	0	11 Virginia.....	do	do	do	25 Aug. 89	1 Mar. 98
65	1	11 Michigan.....	do	do	do	19 June 90	19 Sept. 98
	1	4 Missouri.....	do	do	do	21 Oct. 90	11 Oct. 98
	1	6 Michigan.....	do	do	do	19 Nov. 90	12 Oct. 98
	1	1 Indiana.....	do	do	do	19 Mar. 91	30 Oct. 98
	0	10 Massachusetts.....	do	do	do	4 May 91	8 Nov. 98
70	0	5 District of Columbia.....	15 Sept. 75	do	10 June 81	15 Sept. 91	20 Nov. 98

PASSED ASSISTANT ENGINEERS (66).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
		<i>Relative rank of Lieutenant (36).</i>									
	1271	Benjamin C. Bryan	Dolphin	24 Mar. 98	Nov. 97	3	11	10	4	12	5
	1272	Harold P. Norton	Inspection duty, Elswick, Eng.	14 Sept. 98	May 94	2	8	7	6	15	6
	1278	Clarence A. Carr	Insp. mach. Morris Heights	20 Sept. 98	Sept. 98	3	2	10	10	11	10
5	1274	Edward H. Scribner	Inspection of boiler tubes	1 Feb. 98	Dec. 97	3	1	12	0	10	4
	1275	Thomas F. Carter	Inspection duty (Bu. S. E.)	22 Oct. 98	Oct. 98	3	11	13	3	10	9
	1276	Frank M. Bennett	Bureau of Steam Engineering	17 Nov. 98	Sept. 98	3	5	11	2	11	8
	1277	James M. Pickrell	Solace	25 May 98	July 96	3	7	11	3	11	8
	1278	Martin Bevington	Bureau of Steam Engineering	16 Aug. 97	June 97	3	2	11	2	10	7
	1279	Frederic C. Howers	Special duty, Fish Commission	29 Oct. 98	Mar. 98	2	9	13	3	9	5
10	1280	George R. Sallsbury	Training-ship Annapolis	16 Nov. 95	Jan. 92	4	1	13	7	9	5
	1281	Samuel H. Leonard, jr.	Scorpion	12 Apr. 98	July 96	4	5	11	3	5	6
	1282	Leo D. Miner	Iowa	1 June 97	July 94	3	3	11	2	9	8
	1283	Thomas W. Kinkaid	Naval Academy	30 Nov. 98	Nov. 98	3	2	11	10	9	7
	1284	Harry Hall	Cramp's shipyard	10 Oct. 98	Oct. 98	3	2	13	3	8	2
15	1285	Wm. H. Allderico	Naval Academy	8 Sept. 98	Sept. 98	3	7	10	3	11	3
	1286	Charles A. E. King	Bureau of Steam Engineering	26 Oct. 96	Aug. 96	2	11	9	7	10	0
	1287	William Strother Smith	Inspection duty, Richmond, Va.	22 Oct. 98	Sept. 98	3	4	12	4	8	11
	1288	Gustav Kaesmerling	Petrel	16 July 97	Jan. 94	2	11	6	7	11	3
	1289	Kenneth McAlpine	New York	1 Oct. 97	July 95	3	1	9	10	8	3
20	1290	Clarence H. Mathews	Training-ship Annapolis	10 Mar. 98	July 96	3	7	7	4	9	11
	1291	De Witt C. Redgrave	Inspection duty	21 Oct. 98	Oct. 98	3	5	8	3	9	3
	1292	William W. White	Bureau of Steam Engineering	13 Sept. 97	July 97	3	0	8	4	9	8
	1293	Bias C. Sampson	Michigan	23 Sept. 98	Sept. 98	3	10	9	3	8	5
	1294	Solon Arnold	Wheeling	4 July 96	Mar. 94	2	6	10	3	8	8
25	1295	Martin A. Anderson	Nashville	21 May 98	Mar. 96	2	9	8	9	8	10
	1296	Albert Moritz	Brooklyn	15 Mar. 98	do	2	9	8	4	9	2
	1297	Emil Theiss	Bureau of Steam Engineering	6 July 96	Apr. 96	1	7	8	5	11	2
	1298	William H. Chambers	Marietta	28 Mar. 97	Dec. 94	2	0	9	11	9	1
	1299	Charles E. Rommel	Lancaster	6 June 96	Oct. 93	2	6	10	9	7	8
30	1300	Harry G. Leopold	Manila	11 Feb. 98	Apr. 95	2	1	9	0	9	0
	1301	Robert B. Higgins	Castine	20 July 96	Feb. 94	2	5	9	6	7	9
	1302	John C. Leonard	Navy-yard, New York	24 Sept. 98	Sept. 98	2	11	10	4	6	3
	1303	Ward P. Winchell	Raleigh	20 Oct. 96	Dec. 93	2	5	11	2	8	3
	1304	Charles W. Dyson	Machias	27 Apr. 98	Sept. 95	1	0	9	1	9	4
35	1305	William C. Herbert	Cincinnati	27 July 97	Apr. 95	1	5	9	10	8	5
	1306	Alexander S. Halstead	Raleigh	30 Mar. 97	Jan. 95	1	9	9	10	7	10
		<i>Relative rank of Lieutenant (junior grade) (29).</i>									
	1307	James E. Palmer	Sick leave	12 Nov. 98	Nov. 98	0	4	2	4	3	6
	1308	Joelash S. McKean	Charleston	9 Feb. 98	Sept. 97	2	9	9	0	6	4
	1309	Charles H. Hayes	Newark	10 June 96	May 95	2	7	8	0	6	0
40	1310	Horace W. Jones	Concord	25 June 96	May 93	2	6	8	4	5	10
	1311	William W. Bush	Philadelphia	29 June 98	Nov. 95	0	6	7	9	6	3
	1312	Oscar W. Koester	Naval Academy	20 Sept. 98	June 98	1	11	8	2	6	1
	1313	Edward L. Beach	Baltimore	15 Dec. 96	May 95	2	2	8	3	5	11
	1314	Herman O. Stickney	Chicago	16 June 97	June 94	1	7	7	9	5	11
45	1315	Louis M. Nulton	Abarenda	15 Mar. 98	Aug. 95	0	11	6	4	6	5
	1316	John B. Patton	Princeton	11 May 98	May 96	0	8	6	5	6	7
	1317	George W. Danforth	Treatment hospital, Mare Island	17 Dec. 98	Dec. 93	0	8	6	3	5	6
	1318	Cleland N. Offley	Training-ship Vicksburg	26 Aug. 97	May 95	1	1	6	1	6	7
	1319	Urban T. Holmes	Naval Academy	20 Sept. 98	July 96	0	3	5	7	6	4
50	1320	Claude B. Price	Newport News, Va.	— Dec. 98	Dec. 98	0	9	6	6	5	6
	1321	Doctor E. Dismukes	Texas	22 Mar. 98	Nov. 96	1	0	6	7	5	7
	1322	John K. Robison	Bureau of Steam Engineering	22 Aug. 98	Aug. 98	1	0	5	7	5	7
	1323	John H. Rowen	Scindia	16 Apr. 98	Mar. 97	0	8	5	8	5	8
	1324	Milton E. Reed	Bureau of Steam Engineering	6 Apr. 97	Dec. 96	0	0	5	4	5	5
55	1325	Charles E. Emrich	Southery	4 May 98	Aug. 97	0	8	6	1	5	1.
	1326	William H. McGrann	Inspection duty	10 Nov. 98	Oct. 98	0	7	5	9	5	5
	1327	George W. Laws	Naval Academy	20 Sept. 98	Mar. 97	0	4	5	7	5	6
	1328	Armin Hartrath *	Brutus	10 Jan. 98	Feb. 96	0	8	8	2	5	4
	1329	Robert K. Crank†	Navy-yard, New York	8 Nov. 98	Nov. 98	0	3	5	7	4	6
60	1330	Stanford E. Moeest†	Oregon	5 Apr. 98	Dec. 97	0	3	5	9	4	3
	1331	Raymond D. Hasbrouck†	Yankton	26 Apr. 97	Apr. 94	0	3	3	8	6	3
	1332	Walter Ball†	Navy-yard, New York	11 Oct. 98	Oct. 98	0	0	5	6	4	9
	1333	Edward S. Kellogg†	Hist.	26 Apr. 95	Apr. 94	0	2	5	8	4	8
	1334	David Van H. Allen†	Montgomery	24 May 05	Mar. 94	0	2	6	0	5	0
65	1335	Henry B. Price†	Returning from the Baltimore.	— Dec. 98	Dec. 98	0	1	5	7	3	10
	1336	Martin E. Trench†	Naval Academy	20 Sept. 98	Sept. 98	0	1	4	10	4	2

* Not yet commissioned.

† Subject to confirmation.

PASSED ASSISTANT ENGINEERS (66).

Number in grade.	Unemployed.	Appointed from—	Entry and promotions.			
			Cadet Engineer.	Naval Cadet.	Assistant Engineer.	Passed Assistant Engineer.
	Ys Ms					
	0 7	New Jersey	15 Sept. 75		10 June 81	3 Oct. 91
	1 2	New York	1 Oct. 74		do	12 Oct. 91
	0 7	Pennsylvania	15 Sept. 75		do	16 Feb. 92
5	1 11	Massachusetts	1 Oct. 74		do	2 Mar. 92
	1 3	Kentucky	1 Oct. 73		do	12 Apr. 92
	1 5	Michigan	1 Oct. 74		do	24 Apr. 92
	1 4	Virginia	do		do	16 May 92
	1 6	Ohio	15 Sept. 75		do	22 June 92
10	0 8	New Jersey	do		do	1 July 92
	1 2	Missouri	1 Oct. 74		do	27 July 92
	0 5	Massachusetts			25 Oct. 81	3 Aug. 92
	1 5	Ohio	14 Sept. 76		10 June 82	7 Oct. 92
	0 11	Ohio	do		do	11 Nov. 92
	0 11	Pennsylvania	do		do	14 Dec. 92
15	0 10	Pennsylvania	do		do	21 Feb. 93
	2 8	Maryland	do		do	27 June 93
	2 1	Virginia	15 Sept. 75		do	do
	3 5	Indiana	13 Sept. 77		1 July 83	10 Aug. 93
20	3 3	Virginia	do		do	12 Sept. 93
	5 1	Ohio	14 Sept. 76		do	27 Sept. 93
	3 9	Maryland	13 Sept. 77		do	1 Oct. 93
	3 3	Pennsylvania	do		do	10 Nov. 93
	3 8	Illinois	do		do	14 Nov. 93
25	3 11	Maryland	14 Sept. 76		do	1 Apr. 94
	3 8	Wisconsin	13 Sept. 77		do	25 May 94
	3 9	New York	do		do	13 July 94
	0 8	Wisconsin	1 Oct. 78		1 July 84	1 Aug. 94
	1 3	Pennsylvania	do		do	28 Aug. 94
	1 10	Pennsylvania	do		do	12 Sept. 94
30	2 3	Ohio	do		do	26 Dec. 94
	3 0	Maryland	do		do	15 Jan. 95
	3 8	Ohio	1 Oct. 78		do	14 Feb. 95
	0 10	Ohio	do		do	21 Mar. 95
	0 10	Pennsylvania	1 Oct. 79	5 Aug. 82	1 July 85	1 June 95
35	1 0	Pennsylvania	do	do	do	6 Aug. 95
	1 7	Pennsylvania	do	do	do	11 Sept. 95
	0 8	North Carolina	1 Oct. 79	(d)		4 Apr. 98
	0 11	Ohio	(a)	5 Aug. 82	b 28 June 89	5 Nov. 95
40	1 4	Pennsylvania	(c)	do	do b	29 Jan. 96
	1 1	Virginia	1 Oct. 80	do	do b	20 Feb. 96
	1 3	Minnesota	(c)	do	do b	28 Mar. 96
	0 10	Pennsylvania		5 Apr. 84	1 July 90	21 June 96
	0 6	Minnesota		20 May 84	do	27 June 96
45	0 7	Kentucky		4 Sept. 84	do	do
	0 6	Virginia		8 Sept. 85	1 July 91	4 July 96
	0 7	South Carolina		21 May 85	do	14 Oct. 96
	1 6	Missouri		7 Sept. 85	do	15 Nov. 96
	0 7	Indiana		5 Sept. 85	do	14 Dec. 96
50	0 5	Arkansas		13 Sept. 86	1 July 92	8 Feb. 97
	0 7	Mississippi		2 June 88	do	26 Feb. 97
	0 5	Mississippi		22 May 88	do	1 May 97
	0 5	Michigan		22 May 87	1 July 93	9 May 97
	0 3	Pennsylvania		do	do	28 May 97
55	0 7	Iowa		5 Sept. 87	do	29 July 97
	0 5	Illinois		19 May 87	1 July 93	22 Dec. 97
	0 6	Tennessee		do	do	7 Feb. 98
	0 6	Iowa	20 May 87	do	do	16 Feb. 98
	0 10	Michigan	21 May 87	do	do	1 Mar. 98
60	0 3	Texas	4 Sept. 84	do	1 July 90	6 Aug. 98
	0 4	Georgia	6 Sept. 88	do	1 July 94	19 Sept. 98
	0 4	Idaho	do	do	do	11 Oct. 98
	0 1	New York	25 Sept. 88	do	do	12 Oct. 98
	0 2	New York	do	6 Sept. 88	b 25 Feb. 95	30 Oct. 98
	0 2	Tennessee	do	18 May 88	c 22 Aug. 94	8 Nov. 98
65	0 2	Iowa	do	6 Sept. 87	do	17 Nov. 98
	0 3	Minnesota	20 May 89	do	1 July 95	20 Nov. 98
				3 Oct. 89	do	do

a Cadet Midshipman 29 September, 1879. b Out of service three years. c Cadet Midshipman 25 September, 1880. d Honorably discharged 30 June, 1885; appointed Passed Assistant Engineer, act of March 17, 1898.

ASSISTANT ENGINEERS (44 e).

Number in grade.	Signal number.	Name and relative rank. <i>With the relative rank of Ensign.</i>	Present duty or station.	Date of present duty or leave.	Expiration of last tour of service.	Sea service under present com'n.			Total sea service.			Shore or other duty.	Unemployed.	Appointed from—	Entry and promotions.	
						Ys	Ms	Ys	Ms	Ys	Ms				Naval Cadet.	Assistant Engineer.
			Returning from Monadnock.	Dec. 98	Dec. 98	Ys	Ms	Ys	Ms	Ys	Ms			Ohio	6 Sept. 89	1 July 95
	1337	Frank D. Read	Raleigh.	15 Aug. 98	Mar. 95	3	3	4	3	5	4	3	9	Pennsylvania	do	do
	1338	John R. Brady	Navy-Yard, Boston.	17 Nov. 98	Oct. 98	3	4	5	4	5	4	3	9	Kansas	23 May 89	do
	1339	Allen M. Cook	Cincinnati.	15 May 98	Jan. 96	3	3	4	5	4	4	3	0	Illinois	18 May 88	do
	1340	Emmett R. Pollock	Gloucester (Naval Academy).	17 Sept. 95	Mar. 95	3	3	3	3	3	3	11	0	Kentucky	6 Sept. 89	do
5	1341	André M. Procter	Brooklyn.	1 Dec. 98	do	2	2	2	2	2	2	3	0	New York	22 May 89	d17 Apr. 96
	1342	John P. J. Ryan	Iowa.	30 Nov. 98	do	2	2	2	2	2	2	3	0	Missouri	7 Sept. 89	do
	1343	John R. Morris	Texas.	8 Dec. 98	do	2	2	2	2	2	2	3	0	Pennsylvania	15 Nov. 89	do
	1344	Chester Wells	New Orleans.	21 Mar. 98	Mar. 96	0	9	2	10	5	5	3	0	Virginia	8 Sept. 90	1 July 96
10	1345	John M. Hudgins	Fish Com. steamer Albatross	do	do	0	9	2	10	5	5	3	0	Alabama	15 Sept. 90	do
	1346	Boling K. McMorris	Texas.	25 July 96	Apr. 96	2	2	2	2	2	2	3	0	Maine	9 Sept. 90	do
	1347	Roscoe C. Moody	Indiana.	23 July 96	Apr. 96	2	2	2	2	2	2	3	0	South Carolina.	22 May 90	do
	1348	Leland F. James	Boston.	31 July 96	do	2	2	2	2	2	2	3	0	Michigan.	9 Sept. 90	do
	1349	Ralph H. Chappell	Massachusetts	23 July 96	do	2	2	2	2	2	2	3	0	Illinois	8 Sept. 90	do
15	1351	Joseph M. Reeves	S'iph.	28 July 96	do	2	2	2	2	2	2	3	0	Delaware.	20 May 90	do
	1352	Ignatius T. Cooper	Sick leave	1 Aug. 98	July 96	1	1	1	1	1	1	1	0	Ohio	7 Oct. 90	do
	1353	Henry T. Baker	New York.	1 Aug. 98	Mar. 96	2	2	2	2	2	2	3	0	Kentucky	20 May 90	do
	1354	Frank Lyon	Oregon.	27 July 96	Apr. 96	2	2	2	2	2	2	3	0	Florida.	20 May 90	do
	1355	Hutch I. Cone	Baltimore.	do	do	2	2	2	2	2	2	3	0	Texas.	5 Sept. 90	do
	1356	Emory Winship	Baltimore.	do	do	2	2	2	2	2	2	3	0	Georgia	3 June 90	do
20	1357	Edwin H. De Laey	Olympia	17 Aug. 96	do	1	1	1	1	1	1	1	0	Tennessee.	21 May 90	do
	1358	Thomas M. Dick	Vixen	10 July 97	Apr. 97	1	1	1	1	1	1	1	0	South Carolina.	5 Sept. 91	1 July 97
	1359	Charles K. Mallory	Oregon.	23 July 97	Mar. 97	1	1	1	1	1	1	1	0	Ohio	25 Sept. 91	do
	1360	Newton Mansfield	Iris	15 July 97	Apr. 97	1	1	1	1	1	1	1	0	Tennessee.	7 Sept. 91	do
25	1361	James P. Morton	Monadnock	10 July 97	do	1	1	1	1	1	1	1	0	Missouri	9 Sept. 91	do
	1362	Daniel M. Garrison	Iowa.	20 July 97	do	1	1	1	1	1	1	1	0	New Jersey	1 June 91	do
	1363	Franklin D. Karns	Detroit	10 July 97	do	1	1	1	1	1	1	1	0	Ohio	30 Sept. 91	do
	1364	Frederic N. Freeman	Cincinnati	31 Aug. 97	Mar. 97	1	1	1	1	1	1	1	0	Indiana	8 Sept. 91	do
	1365	John F. Marshall, Jr.	Olympia	30 Aug. 97	do	1	1	1	1	1	1	1	0	Texas	8 Sept. 91	do
30	1366	Ernest F. Eckhardt	Oregon.	20 Aug. 97	do	1	1	1	1	1	1	1	0	Wisconsin.	5 Sept. 91	do
	1367	Edward H. Dunn	Treatment, hosp., Yokohama.	16 Nov. 98	Nov. 98	0	11	3	3	3	3	7	0	Connecticut.	do	do
	1368	Thomas D. Parker	Chicago.	30 Apr. 98	Aug. 92	0	6	1	3	3	3	10	0	South Carolina.	23 Oct. 89	19 Apr. 96
	1369	Charles L. Leiper	Charleston.	13 May 98	May 98	0	8	3	3	3	3	4	0	Pennsylvania	6 Sept. 92	6 May 96
	1370	Gatwood S. Lincoln	Indiana.	16 Apr. 98	Apr. 98	0	8	3	3	3	3	4	0	Missouri	20 May 92	do
	1371	Edward T. Fitzgerald	Brooklyn	8 May 98	May 98	0	8	3	3	3	3	4	0	Texas	18 Sept. 92	do
	1372	Henry O. Bisset	Iowa	31 Aug. 98	Apr. 98	0	4	2	2	2	2	3	0	Texas	6 Sept. 92	do
	1373	Albert W. Marshall	Charleston.	12 May 98	do	0	8	3	3	3	3	7	0	Maryland	do	do
	1374	Charles P. Burr	Oregon	12 Nov. 98	do	0	8	3	3	3	3	7	0	Texas	do	do
	1375	Kenneth G. Castlemir.	Sick leave	12 Nov. 98	Nov. 98	0	8	3	3	3	3	5	0	Georgia	do	do
40	1376	William L. Littlefield.	Baltimore	14 May 98	Apr. 98	0	6	2	2	2	2	3	0	Kentucky	do	do
	1377	Pope Washington	New Orleans	15 Apr. 98	Mar. 98	0	6	2	2	2	2	3	0	Massachusetts	30 Sept. 92	do
	1378	Garrett W. Hill	New Orleans	15 Apr. 98	Mar. 98	0	6	2	2	2	2	3	0	North Carolina.	3 Sept. 92	do

NAVAL CADETS—ENGINEER DIVISION (21).

1379	James B. Henry, jr.	Charleston.	13 May 98	Apr. 98	0	8	3	0	3	4	0	1	New York.	6 Sept. 96
1380	Arthur Crenshaw	Wilmington	15 Apr. 98	do	0	8	2	11	3	3	0	1	Alabama.	do
5	Daniel S. Mahony	Monterey	19 June 97	Aug. 96	2	0	3	4	0	0	0	0	Michigan.	do
	Henry L. Collins	Iowa	19 July 97	do	3	11	3	4	0	1	0	0	Pennsylvania.	do
	Louis C. Richardson	New York	19 June 97	do	2	0	3	4	0	0	0	0	South Carolina.	do
	Andrew T. Graham	Owa	do	do	2	0	3	4	0	0	0	0	Illinois.	do
	Henry N. Jensen	Oregon	do	do	2	0	3	4	0	0	0	0	Wisconsin.	do
	Walter L. Pratt	Monadnock	22 July 97	do	2	3	4	0	0	0	0	0	At large.	19 May 95
	William D. Leahy	Texas	19 June 97	do	2	3	4	0	0	0	0	0	Wisconsin.	do
	George Webber	Montgomery	20 Mar. 98	Dec. 97	1	9	3	4	0	4	0	0	Arkansas.	6 Sept. 93
10	Ernest C. Keenan	Indiana	19 June 97	Aug. 96	2	0	3	4	0	1	0	0	New York	do
	George Van Orden	Marblehead	8 Sept. 97	do	2	1	3	4	0	0	0	0	Michigan.	19 May 93
	Henry T. Wright	Pursuing special studies.	25 Sept. 98	Sept. 98	1	2	3	2	0	0	0	0	Alabama.	6 Sept. 94
	Herman J. Eison	Massachusetts.	4 Apr. 98	Aug. 97	1	8	3	10	0	0	0	0	Mississippi.	19 May 94
	Hetcher L. Sheffield	Brooklyn	do	do	1	5	3	10	0	0	0	0	Georgia.	6 Sept. 93
	Henry C. Dinger	Celtic	do	do	1	8	3	0	0	0	0	0	Wisconsin.	19 May 94
15	Alexander N. Mitchell	do	do	do	1	5	2	11	0	0	0	0	Ohio.	6 Sept. 94
	Louis Shane	Massachusetts.	5 Apr. 98	do	1	5	2	11	0	0	0	0	Nebraska.	do
	Guy W. Falter	Oregon	4 Apr. 98	do	1	8	3	0	0	0	0	0	Wisconsin.	19 May 94
	William B. Wells	Brooklyn	do	do	1	8	2	11	0	0	0	0	Iowa.	do
	Edward T. Constien	Iris	do	do	1	8	3	0	0	0	0	0	Pennsylvania.	do
20	John A. Schofield	do	do	do	1	5	2	11	0	0	0	0	Missouri	6 Sept. 94
	John S. Graham	New York	8 Apr. 98	do	1	8	3	0	0	0	0	0	Colorado	19 May 94

^a Number allowed by law 50.
^b Second Lieutenant, U. S. Marine Corps, 1 July, 1894.
^c Out of the service 30 June to 22 August, 1894.
^d Out of the service 30 June, 1895, to 17 April, 1896.
^e Honorably discharged 31 May, 1893.

CHAPLAINS, ACTIVE LIST (24).

No.	Grade.	S. per M.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expira- tion of last cruise or tour of sea service.	Sea or other duty.		Unemployed.	Appointed from—	Entry into the service.
							Ys	Ms			
<i>Relative rank of Captain (4).</i>											
		1451	Wesley O. Holway	Receiving-ship Vermont	19 May 98	Sept. 86	Ys 7	Ms 10	1	Maine	2 June 68
		1452	David H. Tribou	Navy yard, Boston	10 May 97	Dec. 94	Ys 10	Ms 6	12	Maine	5 Feb. 72
		1453	Henry H. Clark	Naval Academy	17 Oct. 96	Oct. 96	Ys 10	Ms 10	11	Maine	27 Jan. 73
		1454	Adam A. McAlister	Philadelphia	8 Jan. 97	Nov. 92	Ys 10	Ms 8	11	California	10 Nov. 73
<i>Relative rank of Com- mander (7).</i>											
5		1455	Thomas A. Gill	Receiving-ship Richmond	18 Oct. 97	Oct. 96	Ys 6	Ms 7	10	Pennsylvania	22 Dec. 74
		1456	Sylvester D. Boorum	Navy yard, New York	23 July 97	June 96	Ys 7	Ms 2	10	New York	9 July 75
		1457	Alfred L. Royce	New York	16 Oct. 96	Sept. 92	Ys 7	Ms 7	10	Wisconsin	18 Feb. 81
		1458	William F. Morrison	Minneapolis	20 Nov. 96	June 91	Ys 6	Ms 4	8	Maryland	5 May 81
		1459	Frank Thompson	Leave of absence	8 Nov. 98	Nov. 98	Ys 7	Ms 0	6	Louisiana	16 May 81
10		1460	Roswell R. Hoos	Receiving-ship Wabash	20 Sept. 98	Sept. 98	Ys 6	Ms 0	7	New York	26 July 82
		1461	Carroll Q. Wright	Receiving-ship Franklin	15 May 97	Nov. 96	Ys 6	Ms 0	4	Pennsylvania	3 Mar. 85
<i>Relative rank of Lieu- tenant (7).</i>											
		1462	Walter G. Isaacs	Massachusetts	10 June 96	Jan. 96	Ys 5	Ms 0	4	Alabama	25 Apr. 88
		1463	Charles H. Parks	Training ship Essex	19 July 96	June 93	Ys 3	Ms 3	9	New York	do
		1464	William H. I. Reaney	Olympia	3 July 98	Feb. 97	Ys 4	Ms 9	1	Maryland	do
15		1465	John E. Edmonson	Naval Home	3 Apr. 98	Oct. 97	Ys 3	Ms 0	9	North Carolina	14 Mar. 92
		1466	John B. Frazier	Training-ship Adams	13 Apr. 98	Oct. 97	Ys 3	Ms 0	0	Tennessee	24 Aug. 94
		1467	John P. Childwick	Ordered to navy-yard, Washington	12 Dec. 98	Oct. 98	Ys 3	Ms 1	0	New York	2 Mar. 95
		1468	Harry W. Jones	Chicago	19 Sept. 96	lat. cruise	Ys 2	Ms 0	0	New Jersey	do
<i>(6).</i>											
		1469	William G. Cassard	Indiana	26 Apr. 97	do	Ys 1	Ms 8	0	Maryland	3 Apr. 97
		1470	Arthur O. Sykes	Training-ship Alliance	20 June 98	do	Ys 0	Ms 6	0	New York	30 Dec. 97
20		1471	William T. Helms	Brooklyn	12 May 98	do	Ys 0	Ms 7	0	West Virginia	4 Feb. 96
		1472	Frederic C. Brown	Iowa	19 May 98	do	Ys 0	Ms 7	0	Massachusetts	21 Apr. 98
		1473	Robert E. Steele	Navy yard, New York	23 Dec. 98	do	Ys 1	Ms 0	0	Louisiana	24 Oct. 98
		1474	Curtis H. Dickins	Training-ship and station, Newport	21 Nov. 98	do	Ys 0	Ms 0	0	New Hampshire	11 Mar. 98

† Appointed Chaplain for temporary service 27 June, 1898.

‡ Five months in Volunteer Army.

PROFESSORS OF MATHEMATICS, ACTIVE LIST (11a).

Relative rank of Captain (5).															
1481	William Harkness.....	Director of Nautical Almanac	30 June 97	1	9	33	6	0	1	New York.....	24 Aug. 63				
1482	Wm. W. Hendrickson.....	Naval Academy.....	1 July 97	6	11	30	11	0	5	Ohio.....	6 21 Mar. 73				
1483	Henry D. Todd.....	Nautical Almanac Office.....	20 Dec. 86	7	9	25	8	1	3	Pennsylvania.....	c 16 Sept. 77				
Relative rank of Commander (4).															
1484	Edgar Frisby.....	Naval Observatory.....	11 June 78	0	0	20	7	0	0	Illinois.....	11 June 78				
1485	Marshal Oliver.....	Naval Academy.....	29 Oct. 88	0	0	16	8	1	0	Maryland.....	20 May 81				
1486	Stimson J. Brown.....	Naval Observatory.....	13 Oct. 83	3	3	22	0	1	0	New York.....	d 13 Oct. 83				
1487	Edward K. Rawson.....	Superintendent Library and War Records Office.....	31 Mar. 97	7	1	14	1	8	9	do.....	e 28 Oct. 90				
Relative rank of Lieutenant (3).															
1488	Philip R. Alger.....	Bureau of Ordnance.....	11 Nov. 90	5	0	16	9	0	6	At large.....	f 1 Nov. 90				
1489	Omenzo G. Dodge.....	Bureau Yards and Docks.....	27 Nov. 93	8	6	15	9	1	4	Kansas.....	g 29 June 92				
1490	Henry M. Paul.....	Naval Observatory.....	15 Apr. 97	0	0	1	9	0	0	New Hampshire.....	3 Apr. 97				
1491	Aaron N. Sktnner.....	do.....	4 Aug. 98	0	0	0	5	0	0	Illinois.....	30 July 98				

a Number allowed by law is 12.
 b Acting Midshipman, 20 September 1860; Midshipman, 16 July, 1862; Ensign, 1 October, 1863; Master, 10 November, 1865; Lieutenant, 10 November, 1866; Lieutenant-Commander, 12 March, 1868, to 21 March, 1873.
 c Acting Midshipman, 28 May, 1853; Midshipman, 10 June, 1857; Passed Midshipman, 25 June, 1860; Master, 24 October, 1860; Lieutenant, 3 April, 1861; Lieutenant-Commander, 2 January, 1863, to 19 October, 1866.
 d Cadet Midshipman, 21 September, 1872; Midshipman, 20 June, 1876; Ensign, 25 November, 1877, to 13 October, 1883.
 e Chaplain, 25 January, 1871, to 23 October, 1890.
 f Cadet Midshipman, 11 September, 1876; Midshipman, 22 June, 1882; Ensign (junior grade), 3 March, 1883; Ensign, 26 June, 1884, to 1 November, 1890.
 g Cadet Midshipman, 6 June, 1878; Midshipman, 18 June, 1879; Ensign, 25 March, 1880; Lieutenant (junior grade), 13 December, 1886; Lieutenant, 19 June, 1892, to 26 June, 1892.

NAVAL CONSTRUCTORS.
NAVAL CONSTRUCTORS, ACTIVE LIST (21).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	Unemployed.	Appointed from—	Entry and promotions.					
						Ys	Ms	Ys	Ms				Cadet Engineer.	Cadet Midshipman.	Naval Cadet.	Assistant Naval Constructor.	Naval Constructor.	
		<i>Relative rank of Captain (3).</i>				Ys	Ms	Ys	Ms									
	1501	Philip Hitchborn *	Chief Bur. Con. and Repair	7 Sept. 98		0	0	0	0	23	6	Cal.			26 June 69	12 Mar. 75		
	1502	William H. Varney	Camden, N. J.	2 Dec. 95		0	0	0	0	23	6	Mass.			29 July 69	13 Mar. 75		
		<i>Relative rank of Commander (3).</i>																
	1503	John F. Hanscom	Cram's shipyard.	31 Dec. 98		0	0	0	0	23	5	Mass.			29 July 75	10 Oct. 88		
	1504	Joseph Feaster	Navy yard, Boston	23 June 97		0	0	0	0	23	3	Pa.			1 Nov. 81	do		
	1505	Francis T. Bowles	Navy yard, New York.	1 Aug. 95		0	0	2	7	20	2	Mass.			15 Sept. 75	do		
		<i>Relative rank of Lieutenant (16).</i>																
	1506	Joseph H. Linnard	Navy yard, League Island	31 Dec. 98		0	0	1	11	19	0	Pa.			27 June 77	5 Aug. 82	1 July 83	8 Mar. 91
	1507	Joseph J. Woodward	Newport News, Va.	9 Oct. 97		0	0	2	1	18	5	At large			do	do	do	do
	1508	David W. Taylor	Bureau Const. and Repair.	10 May 94		0	0	0	8	16	5	Pa.			do	do	14 Aug. 86	5 Dec. 91
	1509	Albert W. Stahl	Navy yard, Norfolk	4 Oct. 95		0	0	3	2	18	10	N. Y.			do	do	31 Aug. 87	9 July 92
	1510	William J. Baxter	Navy yard, Mare Island	11 Apr. 95		0	0	3	3	15	8	Ohio			64 Sept. 76	do	6 June 88	10 Aug. 93
	1511	Washington L. Capps	Ord. to Bureau C. and R. t.	7 Oct. 98		0	0	0	3	15	7	Ohio			1 Oct. 79	do	28 Jan. 95	do
	1512	Lloyd Hankton	Bath Iron Works	13 July 97		0	0	2	10	15	10	Pa.			1 Oct. 80	do	1 July 89	30 June 96
	1513	John G. Tawressey	Navy yard, Portsmouth	7 July 98		0	0	2	1	14	0	Del.			13 Sept. 77	do	1 July 89	do
	1514	Robert Stocker	Newport News, Va.	15 Feb. 94		0	0	3	1	11	7	Conn.			1 Oct. 81	do	4 Sept. 83	7 July 91
	1515	Frank W. Hibbs	Navy yard, New York	2 Feb. 97		0	0	2	12	7	0	Conn.			do	do	do	do
	1516	Elliot Snow	Union Iron Works	15 Dec. 98		0	0	2	11	11	7	Utah			do	do	do	do
	1517	Richmond P. Hobson	En route to Asiatic Sta.	15 Dec. 98		0	5	2	10	10	6	Ala.			do	do	21 May 85	1 July 91
	1518	George H. Rock	Newport News, Va.	3 June 98		0	0	0	2	11	5	Pa.			do	do	20 May 85	do
	1519	Thomas F. Rukm.	Navy yard, Mare Island	16 Mar. 97		0	0	0	9	11	5	Tenn.			do	do	20 May 86	1 July 92
	1520	Lawrence Spear	Naval Academy	5 Nov. 98		0	0	1	8	10	9	Ohio			do	do	19 May 86	do
	1521	Frank B. Zahn	Bureau Const. and Repair.	30 Sept. 98		0	0	1	7	9	7	Pa.			do	do	5 Sept. 87	1 July 95

* Chief Constructor, with the relative rank of Commodore.
 † Now on special duty, Asiatic Station.
 ‡ Ten months and seven days in the Army.
 § Ensign, 1 July, 1887.
 ¶ Ensign, 1 July, 1889.
 †† Assistant Engineer, 1 July, 1889.
 ‡‡ Ensign, 1 July, 1887.
 §§ Ensign, 1 July, 1887.
 ¶¶ Ensign, 1 July, 1887.
 ††† Assistant Engineer, 1 July, 1889.

ASSISTANT NAVAL CONSTRUCTORS, ACTIVE LIST (16).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.		Unemployed.		Appointed from—	Entry and promotions.	
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms		Naval Cadet.	Ensign.	Assistant Naval Constructor.
		<i>Relative rank of Lieutenant (junior grade).</i>														
	1522	Horatio G. Gillmor	Flewick, England.	14 Sept 98	Oct. 96	0	11	Ys	Ms	Ys	Ms	Ys	Ms	Wisconsin	5 Sept. 87	1 July 93
	1523	Henry G. Smith	Navy-yard, New York	1 Aug 98		0	0	0	0	5	9	0	2	Ohio	do	do
	1524	Richard M. West		17 Aug 98		0	0	0	6	10	7	0	1	Pennsylvania	22 Sept. 87	do
	1525	John D. Beuret	Navy-yard, Mare Island.	24 Jan. 98		0	0	0	2	10	8	0	1	Michigan	7 Sept. 88	1 July 93
5	1526	Joseph E. McDonald	Richmond, Va.	26 Oct. 98	May 97	0	5	1	0	0	0	0	2	Illinois	do	do
	1527	Robert H. Ferguson	Portland, Oregon.	9 Nov. 98		0	0	0	7	9	0	0	2	North Carolina	21 May 88	do
	1528	Robert C. Nutting, Jr.	Portland, Oregon.	30 Nov. 98		0	0	0	6	2	14	0	0	Maryland	25 Aug. 82	26 June 84
	1529	Holden A. Evans	Portsmouth, Mass.	24 Oct. 98		0	0	0	8	8	8	0	0	Kansas	21 May 86	7 Feb. 95
	1530	William P. Robert	Elizabethport, N. J.	2 Apr. 98		0	0	2	11	6	0	0	3	Florida	4 Sept. 88	1 July 95
10	1531	Daniel H. Roberts	Navy-yard, Norfolk	30 July 98		0	0	0	7	7	0	0	2	Mississippi	20 May 90	1 July 96
	1532	Thomas G. Roberts	Navy-yard, Norfolk	15 July 98		0	0	0	0	7	7	0	0	New York	9 Sept. 90	do
	1533	Lawrence S. Adams	Union Iron Works	23 Aug 97		0	0	0	8	7	7	0	4	Alabama	27 May 90	do
	1534	William G. Crossbeck	Navy-yard, Norfolk	1 Dec. 97		0	0	1	10	6	4	0	2	Pennsylvania	26 Sept. 90	do
15	1535	Richard H. Robinson	Navy-yard, League Island	18 Apr. 98		0	0	0	6	6	10	0	1	Pennsylvania	4 Sept. 91	1 July 97
	1536		Navy-yard, Norfolk	1 June 98		0	0	0	6	6	10	0	0	Ohio	do	do
	1537		Champ's shipyard			0	0	0	6	5	10	0	0	Ohio	6 Sept. 92	21 Apr. 96

a Cadet midshipman, 27 June, 1877; Ensign, junior grade, 1 July, 1883; Lieutenant, junior grade, 26 December, 1888.

CIVIL ENGINEERS, ACTIVE LIST (18).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.		Shore or other duty.		Unemployed.	Appointed from—	Date of appointment.
				Ys	Ms	Ys	Ms			
		<i>Relative rank of Capt.</i>								
		<i>tain (2).</i>								
	1551	Peter C. Asserson	Navy yard, New York.	1 July 98	24 10 0	0	0	0	Virginia.	6 Mar. 74
	1552	Mordca T. Endicott*	Chief of Bureau Yards and Docks	4 Apr. 98	24 6 0	0	0	0	New Jersey	13 July 74
		<i>Relative rank of Com-</i>								
		<i>mander (2).</i>								
	1553	Franklin C. Prindle	Training station, Yerba Buena	28 Nov. 98	20 11 5	7	5	7	Pennsylvania.	25 July 79
	1554	Ulysses S. G. White.	Under suspension.	25 July 98	16 6 5	6	5	6	Ohio.	9 Jan. 77
		<i>Relative rank of Lieut.</i>								
		<i>Commander (2).</i>								
5	1555	Christopher C. Wolcott.	Navy yard, League Island.	30 Apr. 91	16 8 0	8	0	6	New York.	28 Oct. 81
	1556	Frank O. Maxson.	Navy yard, Norfolk.	12 July 98	15 5 1	9	1	9	District Columbia.	26 Oct. 81
		<i>Relative rank of Lieu-</i>								
		<i>tenant (4).</i>								
	1557	Robert E. Peary	Leave of absence	25 May 97	8 6 8	8	8	8	Maine.	26 Oct. 81
	1558	George Mackay	Naval Station, Port Royal.	30 Mar. 91	8 9 0	0	0	0	New York.	11 Apr. 90
	1559	Richard C. Hollyday	Navy yard, Mare Island.	10 May 97	4 8 0	1	1	1	Maryland.	15 Mar. 94
	1560	Adolfo J. Menocal.	Naval Station, Key West.	17 Mar. 98	4 8 0	1	1	1	District Columbia.	do
		<i>Relative rank of Lieu-</i>								
		<i>tenant (junior grade) (3).</i>								
	1561	Frank T. Chambers	Coaling Station, Pago Pago.	5 Aug 98	1 5 0	0	0	0	Kentucky.	19 July 97
	1562	Charles W. Parks	Bureau Yards and Docks	7 June 98	1 5 0	0	0	0	Massachusetts.	do
	1563	Luther E. Gregory	Navy yard, Portsmouth.	16 Aug 98	0 5 0	0	0	0	New Jersey.	5 Apr. 98
	1564	Homar E. Stanford	Navy yard, Boston.	13 July 98	0 7 0	1	1	1	Illinois.	20 May 98
	1565	James W. G. Walker	Nicaragua Canal Commission	30 Aug 98	0 4 0	1	1	1	Massachusetts.	29 July 98
	1566	Andrew C. Cunningham	Bureau Yards and Docks	5 Oct. 98	75 5 1	8	1	8	New York.	29 Sept. 98
	1567	Henry H. Rouseau	Special duty under Bureau Yards and Docks	19 Dec. 98	0 2 0	2	0	2	Pennsylvania.	do
	1568	Fred Thompson	Navy yard, New York	17 Oct. 98	0 2 0	2	1	2	District Columbia.	do

* With the relative rank of Commanders.

† Acting Midshipman, 24 November, 1862, to 28 February, 1869.

‡ Third Assistant Engineer, 3 August, 1861; Second Assistant Engineer, 21 April,

1866, to 11 September, 1868; Civil Engineer, 17 April, 1869, to 1 January, 1876.

§ Six years 7 months 21 days in the Army.

d Eighteen years 2 months in the Army.

e Acting Midshipman, 2 February, 1864, to 9 June, 1865

f Cadet Midshipman, 9 June, 1874; Midshipman, 10 June, 1881; Ensign

(junior grade), 8 March, 1883; resignation accepted from 1 February,

1884. Sea service 3 years, 2 months.

WARRANT OFFICERS.

WARRANT OFFICERS.

BOATSWAINS—ACTIVE LIST (56).

Number in Roster	Signal num-ber.	Name.	Present duty or station.	Date of present duty or leave.	Expira-tion of last cruise or tour of sea serv-ice.	Sea service.		Shore or other duty.		Un-emp-loyed.		Previous service as en-listed man.	Appointed from—	Date of appoint-ment.
						Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.			
1581		Charles Miller.....	Michigan	15 Apr. 98	June 88	17	1	17	1	3	5		New York.....	18 June 81
1582		John B. Langton.....	Navy yard, New York	12 May 97	Sept. 81	8	9	16	3	12	1		Maine.....	25 Nov. 61
1583		Josiah B. Aiken.....	Newport News, Va.	28 Jan. 96	Sept. 81	10	6	19	2	3	0		Massachusetts..	24 Mar. 66
1584		William A. Cooper.....	Baugot	20 Dec. 98	Apr. 89	9	2	21	0	2	6		Dist. of Columbia	25 Apr. 66
1585	5	John S. Sinclair.....	Naval Academy	8 Sept. 92	Feb. 85	12	4	20	3	0	0		Pennsylvania...	19 July 66
1586		Alexander McCone.....	Navy yard, League Island	22 Aug. 98	Aug. 86	12	0	13	4	2	9		do.....	18 Dec. 70
1587		Charles E. Hawkins.....	Navy yard, New York	12 May 97	Jan. 89	13	1	17	2	2	1		New Hampshire	11 Feb. 71
1588		Peter H. Smith.....	Navy yard, Portsmouth	28 June 97	June 92	9	9	15	6	1	2		Virginia.....	7 Aug. 72
1589		William Manning.....	Receiving-ship Independence.	15 Dec. 94	June 91	12	3	12	5	1	4		do.....	3 Jan. 73
1590	10	Francis A. Dran.....	Receiving-ship Independence.	5 Aug. 97	Sept. 86	10	4	11	4	1	4		New Hampshire	21 Dec. 74
1591		John J. Killin.....	Receiving-ship Wabash	11 Aug. 98	Apr. 96	8	0	11	5	1	6		Massachusetts..	23 Oct. 77
1592		Patrick Haley.....	Fish Com. str. Fish Hawk	24 Nov. 98	do	6	11	11	6	8	3		New Hampshire	18 Oct. 78
1593		Timothy Sheehan.....	Receiving-ship Independence.	15 Jan. 98	do	6	11	12	11	0	5		California.....	22 Oct. 78
1594		William L. Hill.....	Brooklyn	14 Dec. 96	July 91	8	6	6	6	4	2		New York.....	19 Sept. 81
1595	15	John McLaughlin.....	Navy yard, Washington (Triton)	1 Dec. 94	Jan. 94	7	11	8	0	3	0		Dist. Columbia.	18 Nov. 81
1596		William Anderson.....	Navy yard, New York	26 Oct. 97	Aug. 98	7	5	8	0	1	1		New York.....	23 Dec. 81
1597		John Sutton.....	Receiving-ship Vermont	3 Sept. 98	Oct. 98	9	8	0	0	0	6		Massachusetts..	13 May 88
1598		Stephen McCarthy.....	Massachusetts	10 June 96	Jan. 92	5	5	8	4	0	0		New Jersey.....	22 June 82
1599		John Costello.....	Oregon	15 July 96	May 96	3	2	5	6	0	6		New York.....	13 May 87
1600	20	Charles F. Pierce.....	Naval Academy	20 Oct. 94	Sept. 94	2	8	5	6	0	0		do.....	7 Nov. 89
1601		Henry Hudson.....	Navy yard, Boston	22 Dec. 98	Nov. 97	3	4	6	0	0	6		Massachusetts..	27 Aug. 89
1602		Hugh Sweeney.....	Yosemite	30 Sept. 98	Sept. 98	3	3	5	5	0	0		do.....	do
1603		Michael Wogan.....	Receiving-ship Richmond	7 May 98	July 94	2	9	4	6	0	4		Rhode Island	21 Oct. 89
1604		Dominick Glynn.....	Charleston	18 May 98	Oct. 97	2	9	4	8	0	8		New York.....	30 June 91
1605	25	David P. Hennessy.....	Receiving-ship Wabash	30 Mar. 98	Mar. 98	2	0	1	4	0	3		Massachusetts..	5 Dec. 94
1606		Francis E. Larkin.....	Receiving-ship Richmond	29 Oct. 98	Oct. 98	3	0	1	4	0	0		Massachusetts..	30 Jan. 95
1607		Lee R. Boland.....	Waiting orders	20 Nov. 95	1st cruise	3	1	0	3	0	0		Pennsylvania...	3 Aug. 95
1608		James Dowling.....	Commanding Tecumseh	20 July 96	do	2	5	0	0	0	1		Massachusetts..	26 Aug. 95
1609		John F. Brooks.....	Puritan	6 Jan. 97	do	2	0	0	9	0	1		New Jersey.....	28 Sept. 95
1610	30	Samuel W. Gardner.....	Fish Commission str. Fish Hawk	20 Dec. 98	Oct. 98	1	5	0	0	0	1		do.....	22 Apr. 96
1611		James W. Angus.....	Commanding Nezinecott	25 Oct. 97	do	1	10	1	3	0	2		New Jersey.....	14 Sept. 96
1612		Phillip H. Holden.....	New York	15 Mar. 98	1st cruise	3	0	0	9	0	0		Massachusetts..	27 Nov. 96
1613		John J. Mullen.....	Resolute	23 Sept. 98	do	1	2	0	1	0	1		New York.....	28 Nov. 96
1614		William Brooks.....	Baltimore	15 Mar. 98	do	1	0	1	1	0	1		New Jersey.....	4 Jan. 97
1615	35	Allen Whiskey.....	Receiving-ship Vermont	23 Sept. 98	do	1	3	0	5	0	1		Pennsylvania...	18 Mar. 97
1616		Harry E. Brayton.....	Baltimore	15 Oct. 97	1st cruise	1	1	2	0	0	1		Massachusetts..	3 May 97
1617		Patrick Deery.....	Commanding tug Samoset	6 Nov. 97	do	1	3	0	4	0	1		do.....	5 May 97
1618		John J. Rochfort.....	Indiana	9 Aug. 98	do	0	4	1	0	0	14		New York.....	15 May 97
1619		Patrick J. Kane.....	Receiving-ship Vermont	11 Oct. 98	do	1	4	0	3	0	8		New Jersey.....	21 May 97

* Acting appointment; not yet warranted.
 † Acting Boatswain, 1 September, 1893; Acting Master's Mate, 3 September, 1894.
 ‡ Acting Master, 18 November, 1894.
 § Acting Master, 17 July, 1891.

CIVIL ENGINEERS, ACTIVE LIST (18).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.			Shore or other duty.			Unemployed.	Appointed from—	Date of appointment.
				Ys	Ms	Ms	Ys	Ms	Ms			
		<i>Relative rank of Captain (2).</i>										
	1551	Peter C. Asserson	Navy-yard, New York	1 July 98	24 10	0	0	0	0	0	0	26 Mar. 74
	1552	Mordcael T. Endicott*	Chief of Bureau Yards and Docks	4 Apr. 98	24 6	0	0	0	0	0	0	13 July 74
		<i>Relative rank of Commander (2).</i>										
	1553	Franklin C. Prindle	Training station, Yerba Buena	28 Nov. 98	20 11	5	7	5	7	0	0	22 July 79
	1554	Ulysses S. White	Under suspension	25 July 98	16 6	6	5	6	5	6	0	29 Jan. 77
5	1555	Christopher C. Wolcott	Navy-yard, League Island	30 Apr. 91	16 8	0	0	6	0	6	0	226 Oct. 81
	1556	Frank O. Maxson	Navy-yard, Norfolk	12 July 98	15 5	1	9	1	9	0	0	26 Oct. 81
		<i>Relative rank of Lieutenant (4).</i>										
	1557	Robert E. Peary	Leave of absence	25 May 97	8 6	8	8	8	8	0	0	26 Oct. 81
	1558	George Msekay	Naval Station, Port Royal	30 Mar. 91	8 9	0	0	0	0	0	0	26 Oct. 81
	1559	Richard C. Hollyday	Navy-yard, Mare Island	10 May 97	4 8	0	1	0	1	0	0	21 Apr. 90
	1560	Adolfo J. Menocal	Naval Station, Key West	17 Mar. 98	4 8	0	1	0	1	0	0	15 Mar. 94
10		<i>Relative rank of Lieutenant (junior grade) (5).</i>										do
	1561	Frank T. Chambers	Coaling Station, Pago Pago	5 Aug. 98	1 5	0	0	0	0	0	0	19 July 97
	1562	Charles W. Parks	Bureau Yards and Docks	7 June 98	1 5	0	0	0	0	0	0	do
	1563	Luther E. Gregory	Navy-yard, Portsmouth	16 Aug. 98	0 8	0	0	0	0	0	0	do
	1564	Home R. Stanford	Navy-yard, Boston	13 July 98	0 7	0	1	0	1	0	0	5 Apr. 98
	1565	James W. G. Walker	Nicaragua Canal Commission	30 Aug. 98	0 4	0	1	0	1	0	0	20 May 98
15	1566	Andrew C. Cunningham	Bureau Yards and Docks	5 Oct. 98	75 5	0	1	8	0	1	8	20 July 98
	1567	Henry H. Rousseau	Special duty under Bureau Yards and Docks	19 Dec. 98	0 2	0	2	0	2	0	0	29 Sept. 98
	1568	Fred Thompson	Navy-yard, New York	17 Oct. 98	0 2	0	1	0	1	0	0	do

* With the relative rank of Commodore.

a Mate, 27 May, 1862; Acting Ensign, 24 November, 1862; to 23 February, 1869.

b Third Assistant Engineer, 3 August, 1861; Second Assistant Engineer, 21 April, 1863; to 11 September, 1865; Civil Engineer, 17 April, 1869; to 1 January, 1876.

c Six years 7 months 21 days in the Army.

d Eighteen years 2 months in the Army.

e Acting Master's Mate, 2 February, 1864; to 9 June, 1865

f Cadet Midshipman, 9 June, 1874; Midshipman, 10 June, 1881; Ensign (junior grade), 3 March, 1883; resignation accepted from 1 February, 1884. Sea service 3 years, 2 months.

WARRANT OFFICERS.

BOATSWAINS—ACTIVE LIST (56).

No in Rtd	Signal num.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last tour of sea service.	Sea service.		Shore or other duty.		Unemployed.	Previous service as enlisted man.		Appointed from—	Date of appointment.
						Yrs.	Mos.	Yrs.	Mos.		Yrs.	Mos.		
5	1581	Charles Miller.	Michigan	15 Apr. 98	June 98	17	1	17	1	3	0		New York	13 June 61
	1582	John B. F. Livingston.	Navy yard, New York	12 May 97	May 97	6	16	16	2	12	1		Maine	25 Nov. 61
	1583	Josiah B. Alton.	Newport News, Va.	28 Jan. 96	Sept. 81	8	10	9	3	10	13		Massachusetts	24 Mar. 66
	1584	William A. Cooper	Budget	20 Dec. 98	Apr. 98	9	2	21	0	2	8		Dist. of Columbia	25 Apr. 66
	1585	John S. Sinden	Navy Academy	8 Sept. 92	8 Feb. 88	12	0	20	3	3	0		Pennsylvania	69 July 66
10	1586	Alexander McCulloch	Navy yard, Annapolis, Md.	22 Aug. 98	Aug. 88	12	0	13	4	2	1		Virginia	18 Dec. 71
	1587	Charles E. McLaughlin	Navy yard, New York	12 May 97	Jan. 92	1	17	2	2	2	0		New Hampshire	7 Aug. 72
	1588	Peter H. Smith	Receiving ship	15 Dec. 94	June 91	9	3	12	6	1	4		California	3 Jan. 73
	1589	William M. Dwyer	Receiving ship	15 Dec. 97	Sept. 98	10	4	12	4	1	4		New Hampshire	21 Dec. 74
	1590	Francis A. Drayton	Receiving ship	11 Aug. 97	Apr. 98	8	0	11	5	1	16		Massachusetts	23 Oct. 77
15	1591	John J. Kiffin	Fish Comm. str. Fish Hawk	24 Nov. 98	Dec. 97	6	15	11	9	0	1		New Hampshire	18 Oct. 73
	1592	Patrick Haley	Receiving ship Independence	15 Jan. 98	July 91	6	5	12	11	0	11		California	22 Oct. 73
	1593	William E. Hill	Brooklyn	14 Dec. 98	Oct. 97	7	6	9	3	2	4		New York	18 Sept. 81
	1594	John McLaughlin	Navy yard, Washington (Triton)	15 Dec. 97	Jan. 97	8	3	0	3	0	11		Dist. Columbia	12 Nov. 81
	1595	William Anderson	Navy yard, New York	26 Oct. 97	Oct. 98	7	15	6	0	0	2		Massachusetts	23 June 82
20	1596	John Sutton	Receiving ship Vermont	10 June 96	Aug. 98	5	8	4	0	0	2		New Jersey	23 June 82
	1597	John Sutton	Massachusetts	15 July 96	May 96	2	5	6	0	0	13		New York	12 May 82
	1598	John Costello	Navy Academy	20 Oct. 94	Sept. 97	3	5	6	5	0	0		do	7 May 89
	1599	Charles F. Pierce	Navy yard, Boston	20 Oct. 98	Nov. 84	7	4	6	0	0	0		Massachusetts	27 Aug. 89
	1600	Hugh Stressem	Vermont	22 Dec. 98	Sept. 97	3	3	5	5	0	0		Massachusetts	21 Oct. 89
25	1601	Michael Wynn	Receiving ship Richmond	30 Sept. 98	Nov. 98	2	9	6	0	4			Rhode Island	27 Oct. 89
	1602	Donald Glyn	Charleston	7 May 98	July 94	2	0	4	6	0	0		New York	30 June 81
	1603	David F. Hennessey	Receiving ship Wabash	18 May 98	Mar. 98	2	6	0	1	0	6		Massachusetts	5 Dec. 84
	1604	Francis E. Larkin	Receiving ship Richmond	30 Mar. 98	Mar. 98	2	0	1	0	3	0		Pennsylvania	30 Jan. 85
	1605	Lee R. Boland	Waiting orders	29 Oct. 98	Oct. 98	3	0	0	0	3	0		Massachusetts	26 Aug. 85
30	1606	James Dowling	Commanding Tecomseh	20 Nov. 95	1st cruise	3	5	0	0	0			Massachusetts	26 Aug. 85
	1607	John F. Brooks	Texas	20 July 97	do	2	0	0	9	0	1		Georgia	26 Aug. 85
	1608	Samuel W. Gardner	Pennsylvania	6 Jan. 97	do	2	0	0	7	0	0		Massachusetts	26 Aug. 85
	1609	James W. Angus	Fish Commission str. Fish Hawk	20 Dec. 98	Oct. 98	1	5	0	0	0	2		Virginia	30 Jan. 85
	1610	John J. Holden	Commanding Nezinscott	15 Mar. 97	1st cruise	0	12	0	1	3	0		New Jersey	23 Sept. 86
35	1611	Phillip Mulvan	New York	25 Oct. 97	do	0	10	1	0	0			Virginia	14 Sept. 86
	1612	William Brooks	Receiving ship Vermont	23 Sept. 98	do	0	13	0	1	0	1		Massachusetts	14 Sept. 86
	1613	Allen Whipple	Baltimore	16 Oct. 97	1st cruise	1	2	0	0	1	16		New Jersey	22 Sept. 86
	1614	Henry R. Bayton*	Commanding tug Samoset	9 Aug. 98	do	0	4	1	1	0	1		New York	15 May 87
	1615	John J. Bechfort	Receiving ship Vermont	11 Oct. 98	do	1	4	1	0	0	12		do	15 May 87

* Acting appointment; not yet warranted.
 † Acting Boatswain, 1 September, 1863; Acting Master's Mate, 3 September, 1864.
 ‡ Mate, 16 November, 1864.
 § Acting Master, 17 July, 1861.

BOATSWAINS—ACTIVE LIST (56)—Continued.

Number in	Signal.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service.		Shore or other duty.		Unemployed.		Previous service as enlisted man.		Appointed from—	Date of appointment.
						Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.		
40	1620	August Ohmson*	Columbia	15 Mar. 98	1st cruise	0	10	0	8	0	0	24	0	Virginia	24 June 97
	1621	George B. Moncreif*	Newark	21 May 98	do	0	7	0	10	0	0	19	4	do	10 July 97
	1622	High J. Duffy*	New Orleans	26 Apr. 98	do	0	7	0	9	0	0	10	10	Connecticut	30 July 97
	1623	Edward J. Norcott*	Raleigh	11 Apr. 98	do	0	10	0	0	0	0	7	10	Massachusetts	10 Mar. 98
	1624	John S. Orogan*	Philadelphia	9 July 98	do	0	6	0	2	0	0	5	1	Dist. of Columbia	10 May 98
45	1625	Timothy Sullivan*	Buffalo	23 Sept. 98	do	0	3	0	0	0	0	13	7	New York	2 June 98
	1626	Daniel Montague	Lancaster	11 Aug. 98	do	0	5	0	0	0	4	4	6	do	15 June 98
	1627	John E. Murphy*	Celtic	7 Oct. 98	do	0	5	0	1	0	2	0	8	Washington	do
	1628	Emile H. Eycke*	Lancaster	1 Aug. 98	do	0	5	0	0	0	1	14	0	New York	23 June 98
	1629	Charles Winters	Chicago	1 Dec. 98	do	0	1	0	5	0	0	12	0	do	do
50	1630	Abert F. Benson	Commanding Tug Sioux	1 Aug. 98	do	0	9	0	8	0	0	11	11	do	23 July 98
	1631	Eugene M. Isaac*	Iowa	21 Sept. 98	do	0	3	1	1	0	0	16	11	Virginia	20 July 98
	1632	Francis E. Schuster*	Commanding Accomac	10 Nov. 98	do	0	11	0	2	0	0	19	0	Maryland	20 July 98
	1633	Andrew Anderson*	Sterling	21 Jan. 98	do	0	0	2	0	0	1	18	0	New York	31 Aug. 98
	1634	Charles J. Christman*	Receiving-ship Independence	16 Sept. 98	do	0	0	0	4	0	0	12	8	California	11 Aug. 98
55	1635	Peter E. Ratchliffe*	do	17 Oct. 98	do	0	0	0	2	0	0	10	10	do	1 Sept. 98
	1636	August Rettig*	Nanshan	23 Oct. 98	1st cruise	0	2	0	0	0	0	13	1	New York	do

GUNNERS—ACTIVE LIST (59).

Number in	Signal.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service.		Shore or other duty.		Unemployed.		Previous service as enlisted man.		Appointed from—	Date of appointment.
						Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.		
1651	1652	Cornelius Dugan	Naval Magazine, Dover, N. J.	13 Mar. 94	Aug. 85	13	0	22	6	7	4	4	9	Pennsylvania	30 Oct. 60
	1653	John R. Grainger	Niter Depot, Malden	4 Apr. 96	July 93	14	2	18	9	4	4	4	11	New York	23 Nov. 61
	1654	George Fouse	Navy-yard, Washington	1 Apr. 96	Aug. 90	15	2	19	4	2	1	10	10	do	13 May 62
5	1655	Charles B. Magruder	Naval Magazine, Chelsea	20 Mar. 96	Feb. 96	13	9	16	0	2	8	1	11	Dist. of Columbia	28 Aug. 70
	1656	William Halford	Naval Magazine, Mare Island	6 Nov. 93	Nov. 93	9	0	17	11	4	0	10	0	California	14 Apr. 71
	1657	John J. Walsh	Navy-yard, Washington (Bellevue)	13 Oct. 94	May 89	9	2	17	4	0	9	9	11	Michigan	18 Apr. 71
	1658	Robert Sommers	Naval Magazine, Fort Mifflin	10 July 93	July 93	11	7	0	18	1	0	12	1	Pennsylvania	5 Sept. 71
	1659	Arthur A. Phelps	Naval Academy	13 May 98	June 92	7	0	11	4	2	10	3	2	Connecticut	11 Nov. 73
10	1660	Patrick Lynch	Charleston	3 June 95	Aug. 95	12	1	13	7	0	5	4	10	Iowa	25 Feb. 75
	1661	William Walsh	Navy-yard, Norfolk (St. Julien's)	8 Sept. 98	Sept. 98	7	1	8	4	11	0	5	4	Dist. of Columbia	15 Aug. 77
	1662	Thomas M. Johnston	Navy-yard, League Island	4 Oct. 98	Mar. 98	9	5	8	4	10	0	5	4	do	12 Oct. 82
	1663	Frank C. Messenger	Naval Academy	8 May 98	Nov. 98	5	5	4	3	4	3	0	0	Pennsylvania	26 June 88
15	1664	Joel C. Evans	Navy-yard, Boston	9 July 98	May 98	5	5	4	2	5	0	3	0	New York	7 Feb. 89
	1665	Frank H. Whitney	Navy-yard, Mare Island	17 Dec. 98	Sept. 95	3	3	2	11	0	0	0	0	do	7 Jan. 90
	1666	Michael W. Gilmartin	Monadnock	22 June 98	Sept. 95	3	2	2	9	0	0	4	4	New York	28 Oct. 90
	1668	George Cross	Navy-yard, Norfolk	8 Sept. 98	July 96	3	5	2	9	0	0	0	0	Massachusetts	11 Mar. 92
	1669	Hugh Sinclair	Naval Towing Ground	18 May 96	July 96	2	10	0	7	0	0	4	0	New Jersey	31 May 92
20	1670	Charles Morgan	Torpedo station, Newport	30 Sept. 98	Sept. 98	5	3	10	2	2	0	4	8	Massachusetts	5 Aug. 92
	1671	Henry A. Eilers	do	29 Oct. 98	July 94	6	3	2	9	0	0	3	7	Pennsylvania	28 Oct. 90
	1672	Francis Martin	Texas	20 July 96	July 94	4	1	1	10	0	2	2	0	New York	5 Nov. 92
	1673	Frank L. Hoagland	Receiving-ship Richmond	28 Sept. 98	Apr. 97	3	3	2	4	0	0	3	4	do	13 Feb. 93

WARRANT OFFICERS.

CARPENTERS—ACTIVE LIST (56)—Continued.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea serv-ice.	Sea service.		Shore or other duty.		Un-emp-loyed.		Previous service as en-listed man.		Appointed from—	Date of appoint-ment.
						Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.		
	137	Ellis W. Craig	Inspection duty (Bu. C. and R.).	15 Oct. 98	Sept. 98	8	6	8	0	3	0	5	0	Dist. of Columbia	14 Oct. 81
	138	Joseph B. Fletcher	Navy yard, Portsmouth.	10 Jan. 98	July 96	0	0	7	6	0	0	0	0	New Hampshire	5 Feb. 85
	139	Osgood H. Hilton	Returning from Boston	— Dec. 98	Dec. 98	5	11	5	11	1	0	0	0	California	6 Feb. 86
20	140	Edward W. Smith	Sick leave.	30 Dec. 98	Aug. 97	5	7	3	6	0	7	0	0	Pennsylvania	7 May 89
	141	Wilbur F. Stevenson	Osennie.	19 Dec. 98	Jan. 96	3	4	2	5	0	6	0	0	Maine	27 July 92
	142	Spencer C. Beareley	Navy yard, League Island.	10 Feb. 98	Feb. 96	2	11	3	7	0	1	0	0	Pennsylvania	do
	143	Edwin F. Kirk	Columbia.	10 Nov. 98	Mar. 95	2	1	3	11	0	1	0	0	New Jersey	2 Nov. 92
	144	William Macdonald	Resolute.	17 Dec. 98	Feb. 98	3	1	1	3	0	2	0	0	California	4 Nov. 92
25	145	George H. Warford	Baltimore.	3 Dec. 98	July 96	3	1	1	0	0	1	0	0	New York	18 Aug. 94
	146	Otto Barth.	Baltimore.	22 Aug. 98	1st cruise	3	4	0	8	0	0	0	0	New York	5 Dec. 94
	147	George Holmes	Receiving-ship Vermont.	31 Mar. 98	Mar. 98	2	10	1	6	0	1	0	0	Virginia	7 Oct. 95
	148	George J. Shaw	Mondnock	20 Feb. 98	1st cruise	2	10	0	4	0	1	0	0	Virginia	10 Dec. 94
	149	Francis J. Harle	Philadelphia, Pa. (Bu. C. and R.).	27 Oct. 98	Oct. 97	2	9	0	5	0	1	0	0	Pennsylvania	7 Oct. 95
30	150	John T. S. Miller	Newark.	11 May 98	Mar. 97	1	3	1	7	0	1	0	0	do	do
	151	Luther D. Martin	Naval Station, Port Royal.	11 Oct. 98	Oct. 98	2	6	0	5	0	1	0	0	do	do
	152	Joel D. Griffen	Navy yard, New York	16 Nov. 98	Nov. 98	2	3	0	7	0	1	0	0	do	do
	153	William F. Harding*	Monterey.	30 Nov. 97	1st cruise	1	1	1	8	0	1	0	0	do	do
	154	William J. Wren	Amphitrite	23 Aug. 96	do	2	4	0	1	0	0	0	0	do	do
	155	Frank Johnson	Iowa	16 June 97	do	1	7	0	0	0	0	0	0	California	23 Mar. 96
	156	Timothy E. Kiley	Raleigh	24 Apr. 97	do	1	8	0	9	0	0	0	0	New York	27 July 96
	157	Joseph A. O'Connor	Badger	20 July 97	do	1	5	0	0	0	0	0	0	Michigan	26 Aug. 96
	158	Charles S. Taylor	Cincinnati	29 Aug. 97	do	1	4	0	1	0	0	0	0	do	17 Nov. 96
	159	James H. Haley	New York	4 Aug. 97	do	1	5	0	0	0	0	0	0	do	27 May 97
40	160	George W. A. Bailey	Indians	22 Oct. 97	do	1	2	0	0	0	0	0	0	New Hampshire	12 July 97
	161	William Boone	Boston	21 Mar. 98	do	1	5	0	0	0	0	0	0	Virginia	22 July 97
	162	John H. Gill*	Charleston	11 May 98	do	0	8	0	4	0	1	4	0	Maryland	23 Sept. 97
	163	Joseph A. Barton*	Philadelphia	27 June 98	do	0	6	0	0	0	0	6	0	Massachusetts	21 Dec. 97
	164	Charles Thompson*	Navy yard, Mare Island	2 Apr. 98	do	0	0	0	11	0	0	0	0	New York	do
45	165	John F. Yates*	Oregon.	21 Sept. 98	1st cruise	0	4	0	7	0	2	5	9	do	do
	166	Frank H. Freble*	New Orleans	16 Apr. 98	do	0	8	0	2	0	2	3	1	Maryland	do
	167	Alfred R. Mackie*	Texas	11 Oct. 98	do	0	1	0	0	0	2	3	1	New York	do
	168	Clarence L. Bennett*	Chicago	1 Dec. 98	do	0	1	0	5	0	0	3	1	do	do
	169	Thomas C. Cooney*	Navy yard, Pensacola.	3 July 98	do	0	3	0	6	0	0	13	3	do	24 May 98
50	170	Franz A. Ulrich*	Petrel.	29 Sept. 98	1st cruise	0	3	0	0	0	0	14	3	California	29 Sept. 98
	171	McCall Tate	T. ship and station, Newport.	— Dec. 98	do	0	0	0	0	0	0	5	4	Massachusetts	12 Dec. 98
	172	William F. Stundtivist*	Terror	28 Dec. 98	Sept. 97	a	1	0	0	0	1	8	3	Virginia	do
	173	Thomas W. Richards*	Marietta	12 Dec. 98	1st cruise	0	0	0	0	0	0	14	0	Pennsylvania	do
	174	Alonzo Burke*	Navy yard, League Island.	— Dec. 98	do	0	0	0	0	0	1	14	0	Virginia	do
55	175	William E. Powell*	Nashville	12 Dec. 98	1st cruise	0	1	0	0	0	0	4	2	do	do
	176	Benjamin D. Feindler*	Detroit	do	do	0	1	0	0	0	0	5	8	New York	do

* Acting appointment; not yet warranted.

a Acting carpenter, 27 July, 1896; resignation accepted, 10 September, 1897; assistant engineer, for temporary service, 3 June, 1898; honorably discharged, 31 October, 1898.

PHARMACISTS—ACTIVE LIST (25).

1801	Cornelius O'Leary.....	19 Sept. 98	.....	0	0	0	0	0	0	37	6	Rhode Island.....	15 Sept. 98
1802	Leopold G. Louis.....	17 Sept. 98	.....	0	0	0	0	0	0	33	0	New York.....do	do
1803	Augustus Proseperi.....	19 Sept. 98	.....	0	0	0	0	0	0	31	7	Maryland.....do	do
1804	Sigismund Leuckart.....	12 Oct. 98	.....	0	0	0	0	0	0	31	1	Pennsylvania.....do	do
1805	Robert P. Neville.....	30 Sept. 98	.....	0	0	0	0	0	0	30	9	Virginia.....do	do
1806	John Cowan.....	19 Sept. 98	.....do	0	0	0	0	0	0	27	0	New York.....do	do
1807	Joseph H. Graham.....	.....do	.....	0	0	0	0	0	0	26	0	Massachusetts.....do	do
1808	Samuel Englander.....	23 Sept. 98	.....	0	0	0	0	0	0	23	6	California.....do	do
1809	JAMES H. McCulligan.....	12 Dec. 98	.....	0	0	0	0	0	0	23	0	Dist. of Columbia.....do	do
1810	John T. Oursler.....	19 Sept. 98	.....	0	0	0	0	0	0	22	6	Maryland.....do	do
1811	William H. Huntington.....	17 Sept. 98	.....	0	0	0	0	0	0	20	0	Rhode Island.....do	do
1812	Charles E. Reynolds.....	Dec. 98	.....	0	0	0	0	0	0	18	5	New York.....do	do
1813	John C. Martin.....	17 Sept. 98	.....do	0	0	0	0	0	0	17	1	New York.....do	do
1814	George E. Kloock.....	22 Dec. 98	.....	0	0	0	0	0	0	17	1	do.....do	do
1815	John W. Wood.....	16 Sept. 98	.....	0	0	0	0	0	0	15	0	Dist. of Columbia.....do	do
1816	John C. Martin.....	19 Sept. 98	.....	0	0	0	0	0	0	14	0	Rhode Island.....do	do
1817	Francis Wood.....	17 Sept. 98	.....	0	0	0	0	0	0	13	7	New York.....do	do
1818	Alrik Hammar.....	12 Nov. 98	.....	0	2	0	0	0	2	13	6	California.....do	do
1819	Stephen St. John.....	22 Sept. 98	.....	0	0	0	0	0	0	13	4	do.....do	do
1820	Edwin T. Morse.....	22 Sept. 98	.....	0	0	0	0	0	0	11	10	Massachusetts.....do	do
1821	Isaac N. Hurd.....	17 Sept. 98	.....	0	0	0	0	0	0	11	9	do.....do	do
1822	Richard Waggener.....	18 Sept. 98	.....	0	3	0	0	0	0	11	9	Maine.....do	do
1823	Stephen W. Douglass.....	19 Sept. 98	.....	0	0	0	0	0	0	10	9	Florida.....do	do
1824	Phlander N. Guisee.....	19 Oct. 98	.....	0	0	0	0	0	0	9	10	Massachusetts.....do	do
1825	.....	17 Sept. 98	.....	0	0	0	0	0	0	8	4	Pennsylvania.....do	do

SAILMAKERS—ACTIVE LIST (11).

1841	John C. Herberdt.....	13 Jan. 90	.....	16	5	17	1	4	1	2	23	Pennsylvania.....	10 June 61
1842	William Cuddy.....	2 Oct. 94	.....	13	1	11	6	2	3	.....	.....	California.....	9 Mar. 72
1843	John Roddy.....	20 Aug. 95	.....	8	9	17	9	0	0	2	.....	Pennsylvania.....	27 Apr. 72
1844	Garret Van Meter.....	6 July 94	.....	10	5	12	10	2	8	.....	.....	New York.....	25 Jan. 75
1845	John J. Byrne.....	10 Sept. 96	.....	7	0	8	10	5	2	.....	.....	do.....do	1 Jan. 75
1846	Frank Watson.....	27 Dec. 96	.....	7	0	13	8	1	2	.....	.....	Pennsylvania.....	18 Mar. 77
1847	Milton W. Watkins.....	30 June 98	.....	3	9	13	3	2	5	.....	.....	Massachusetts.....	18 Apr. 79
1848	Charles E. Minter.....	31 May 98	.....	4	8	11	9	1	4	.....	.....	Virginia.....	7 Apr. 81
1849	Charles H. Jones.....	30 Nov. 97	.....	10	11	9	5	3	0	1	1	New York.....	2 Jan. 81
1850	John A. Long.....	12 Feb. 96	.....	4	9	8	6	3	0	.....	.....	Massachusetts.....	2 Apr. 81
1851	Michael P. Barr.....	18 May 95	.....do	6	5	4	11	0	4	.....	.....	Dist. of Columbia.....	4 May 88

MATES—ACTIVE LIST (34).

Number in grade.	Signal bet.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service.		Shore or other duty.		Unemployed.		Previous service as enlisted man.		Appointed from—	Date of appointment.
						Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.			Yrs.	Mos.	Dys.
1861		Charles H. Thorne.....	Receiving-ship Richmond	18 May 92	May 92	3	1	27	11	0	3	2	8	Pennsylvania.....	6 July 63
1862		James A. Smith.....	Fish Commission st ^r Fish Hawk	4 June 80	Oct. 70	7	3	1	6	0	0	1	10	Massachusetts.....	27 Apr. 64
1863		Charles J. Murphy.....	Naval Academy.....	2 Nov 94	Mar. 67	2	4	30	7	0	3	0	0	Maine.....	2 Nov. 64
1864		Lewis M. Melcher.....	Receiving-ship Franklin	8 July 98	May 96	4	9	25	8	0	0	0	0	Massachusetts.....	9 Oct. 67
1865	5	Albert F. Callander.....	Receiving-ship Vermont	16 Mar. 94	Mar. 94	20	7	8	2	0	4	0	0	New York.....	26 Nov. 69
1866		Charles H. Cleaveland.....	Tug Triton.....	15 Aug. 98	Mar. 94	29	3	3	4	2	1	0	0	Massachusetts.....	.....
1867		William Jenney.....	Receiving-ship Washash	21 Apr. 94	Aug. 65	4	4	23	10	1	0	0	0	.....	6 Dec. 69
1868		Charles Wilson.....	Receiving-ship Vermont	1 Nov. 90	Mar. 77	8	6	28	10	1	0	0	0	New York.....	c25 Jan. 70
1869		Henry C. Fuller.....	.....do.....	27 July 97	June 80	11	10	22	5	1	0	0	0	.....	d4 Feb. 70
1870	10	James M. Creighton.....	Fish Commission st ^r Fish Hawk	— Dec. 98	Nov. 93	11	2	13	10	3	10	3	1	Dist. of Columbia	29 Mar. 70
1871		Harold Nielsen.....	Receiving-ship Franklin	6 Oct. 98	Sept. 67	5	6	17	10	0	6	6	3	.....	e26 Apr. 70
1872		John L. Vennard.....	Commanding Piscataqua.....	6 Oct. 98	Sept. 67	5	6	28	5	0	6	0	0	New Hampshire	14 Aug. 97
1873		William Johnston.....	Supply.....	6 May 98	1st cruise	0	8	0	8	0	0	0	0	New York.....	18 Aug. 97
1874		Olaf Christophersen.....	Training-ship and sta., Newport.	12 Sept. 98	.....do.....	1	1	0	3	0	0	0	0	.....	20 Aug. 97
1875		Ejalmer E. Olsen.....	Receiving-ship Vermont	8 Oct. 98	.....do.....	1	4	1	4	0	0	0	0	.....	24 Aug. 97
1876		John Kenyon.....	Receiving-ship Franklin	12 July 98	.....do.....	0	0	1	4	0	0	0	0	.....	.....
1877		John R. Daly.....	Training-ship and sta., Newport.	31 Aug. 97	.....do.....	0	0	1	4	0	0	0	0	Rhode Island.....	.....
1878		Christopher J. Cooper.....	.....do.....	3 Sept. 97	.....do.....	0	0	1	4	0	0	0	0	.....	.....
1879		Frederick Miller.....	Receiving-ship Richmond	18 Oct. 98	Oct. 98	0	6	0	2	0	0	0	0	New York.....	27 Aug. 97
1880	20	Arthur R. Nickerson.....	Naval Academy.....	24 Sept. 98	Sept. 98	0	5	0	3	0	0	0	0	.....	11 Apr. 98
1881		Ernest V. Sandstrom.....	Receiving-ship Franklin	19 Dec. 98	Oct. 98	0	6	0	2	0	0	0	0	Massachusetts.....	.....
1882		Charles L. Weiss.....	Naval Academy.....	6 Oct. 98	.....do.....	0	6	0	2	0	0	0	0	.....	.....
1883		John McTrath.....	Receiving-ship Franklin	28 Dec. 98	Dec. 98	0	8	0	0	0	0	0	0	California.....	.....
1884		James H. Doyle.....	Receiving-ship Vermont	18 Apr. 98	Aug. 98	0	0	0	0	0	0	0	0	New York.....	.....
1885		George E. Hendry.....	Receiving-ship Franklin	6 Oct. 98	.....do.....	0	0	0	3	0	0	0	0	.....	.....
1886		Charles Larson.....	Naval Academy.....	28 Dec. 98	Dec. 98	0	8	0	0	0	0	0	0	New York.....	.....
1887		Charles T. Chase.....	Receiving-ship Vermont	17 Dec. 98	Aug. 98	0	0	0	8	0	0	0	0	Massachusetts.....	15 Apr. 98
1888		John Mahoney.....	Navy-yard Pensacola (Tacoma)	.....do.....	.....do.....	0	5	0	4	0	0	0	0	.....	.....
1889		William D. Bartley.....	Navy-yard, Pensacola	25 Aug. 98	Aug. 98	0	7	0	1	0	1	9	11	.....	.....
1890		Robert E. Simonsen.....	Supply.....	17 Apr. 98	1st cruise	0	8	0	0	0	0	0	0	.....	.....
1891		John W. Stockley.....	.....do.....	20 July 98	.....do.....	0	0	0	5	0	0	0	0	.....	.....
1892		Frank A. McGregor.....	Training-ship and sta., Newport.	26 Aug. 98	.....do.....	0	0	0	4	0	0	0	0	.....	.....
1893		Christian Cone.....	.....do.....	20 Aug. 98	.....do.....	0	0	0	4	0	0	0	0	.....	.....
1894		Ernest John Brown.....	Navy-yard, Washington	4 Nov. 98	.....do.....	0	0	0	4	0	0	0	0	.....	.....
			Training-ship and sta., Newport.	6 Sept. 98	.....do.....	0	0	0	4	0	0	0	0	.....	.....
			Naval Academy (Santee)	24 Sept. 98	.....do.....	0	0	0	3	0	0	0	0	.....	.....

a Mate, 26 February, 1864; honorably discharged, 27 September, 1869.

b Mate, 19 November, 1861; Acting Ensign, 27 November, 1863; honorably discharged, 11 January, 1868.

c Acting Ensign, 21 June, 1864; honorably discharged, 19 October, 1868.

d Mate, 23 July, 1862; honorably discharged, 23 November, 1868.

e Mate, 9 May, 1862; Acting Ensign, 9 May, 1864; honorably discharged, 5 January, 1868.

NAVAL CADETS

ON PROBATION

AT THE NAVAL ACADEMY, ANNAPOLIS, MD.

Alphabetically arranged.

FIRST CLASS.—*Line Division—Forty-two (42) members.*

Name.	Appointed from—	Date of admission.	Name.	Appointed from—	Date of admission.
John E. Bailey	Michigan	20 May 95	Henry E. Lackey	At large.....	20 May 95
Claude C. Bloch	Kentucky	6 Sept. 95	Edgar B. Larimer.....	Kansas	6 Sept. 95
John T. Bowers	New Jersey	20 Sept. 95	John E. Lewis	Minnesota	do
Frank O. Branch	Indiana	6 Sept. 95	Samuel I. M. Major	Kentucky	20 Sept. 95
5 Harry L. Brinser	Pennsylvania.....	do	James E. Mathews	Illinois	20 May 95
Allen Buchanan	Indiana	do	Charles E. Morgan	West Virginia	6 Sept. 95
James W. L. Clement, jr.	South Carolina	27 Sept. 95	Ralph E. Pope	Nebraska	20 May 95
Cyrus W. Cole	Ohio	20 Sept. 95	Hilary H. Royall	Alabama	do
Charles E. Courtney	New York	20 May 95	William R. Sayles, jr.	Rhode Island	do
10 Paul B. Dungan	Nebraska	6 Sept. 95	Chauncey Shackford	New Jersey	6 Sept. 95
Edward B. Fenner	New York	20 May 95	Lloyd S. Shapley	Missouri	30 May 95
Charles H. Fischer	Pennsylvania.....	6 Sept. 95	Herbert G. Sparrow	Ohio	6 Sept. 95
Charles W. Forman	Illinois	do	Joseph K. Tauszig	At large	5 June 95
15 James B. Gilmer	Virginia	19 May 94	Samuel B. Thomas	do	31 May 95
Henry M. Gleason	Kansas	20 May 95	James H. Tomb	Missouri	6 Sept. 95
John W. Greenslade	Ohio	do	Adolphus E. Watson	At large	30 May 95
Frank P. Helm, jr.	Kentucky	do	Ernest A. Welchert	Connecticut	6 Sept. 95
Walter M. Hunt	Maine	12 Sept. 95	Richard D. White	Missouri	20 May 95
20 Alfred W. Johnson	At large	20 May 95	Welborn C. Wood	Georgia	6 Sept. 95
Edward C. Kalbfus	Pennsylvania.....	do	Clark H. Woodward	do	do
Victor A. Kimberly	Massachusetts	6 Sept. 95	Alexander F. H. Yates ..	Maine	20 May 95

Engineer Division—Eleven (11) members.

John T. Beckner	Kentucky	20 May 95	Zachariah H. Madison, jr.	Illinois	6 Sept. 94
Guy A. Bisset	do	6 Sept. 95	William S. Miller	Texas	20 Sept. 95
James R. Combs, jr.	Illinois	6 Sept. 95	Farmer Morrison	Arkansas	6 Sept. 95
5 Herbert H. Evans	Mississippi	6 Sept. 95	Everit J. Sadler	Kansas	20 Sept. 95
Charles B. Hatch, jr.	Illinois	do	Roe W. Vincent	Pennsylvania	6 Sept. 95
Frederick J. Horne	New York	20 May 95			

SECOND CLASS.—*Sixty-four (64) members.*

Robert A. Abernathy	Tennessee	5 Sept. 96	Carlos A. Gardiner	Illinois	20 May 96
Clarence L. Arnold	Indiana	do	Julius F. Hellweg	Maryland	5 Sept. 96
Benjamin G. Barthalow	Ohio	do	Abram C. Howard	Illinois	do
5 Frank D. Berrien	Iowa	do	Charles P. Huff	Missouri	do
Robert L. Berry	Kentucky	20 May 96	Joseph J. Hyland	Massachusetts	19 Sept. 96
William F. Bricker	Pennsylvania	19 Sept. 96	Edward S. Jackson, jr.	Pennsylvania	22 May 96
Samuel W. Bryant	do	5 Sept. 96	William N. Jeffers	New York	20 Sept. 95
Bayard T. Bulmer	Nevada	do	Huntington Johnston	Oregon	19 Sept. 96
10 John M. Caffery	Louisiana	do	Carlton R. Kear	Ohio	20 May 96
Harry K. Cage	Texas	20 May 96	Arthur B. Keating	Maryland	19 Sept. 96
William S. Case	Illinois	6 Sept. 95	James C. Kress	Pennsylvania	20 May 97
John G. Church	Ohio	20 May 96	George B. Landenberger	do	20 May 96
Herbert C. Cooke	Virginia	do	Clarence E. Landram	Kentucky	5 Sept. 96
15 James H. Comfort	Missouri	do	Daniel P. Mannix	At large	20 May 97
Kirby B. Crittenden	do	5 Sept. 96	William McEntee	Minnesota	20 May 96
Joseph E. Deftrees	Illinois	20 May 96	Robert T. Menger	Pennsylvania	5 Sept. 96
Edwin H. Dodd	do	5 Sept. 96	Willis G. Mitchell	do	do
Stafford H. R. Doyle	South Carolina	20 May 96	Robert Morris	Utah	do
Hayne Ellis	Georgia	5 Sept. 96	Frederick R. Nalle	Pennsylvania	do
20 William B. Ferguson, jr.	North Carolina	20 May 96	Loveman Noa	Tennessee	do
Paul Foley	New York	5 Sept. 96	Hugo W. Osterhaus	Virginia	20 May 96
Charles S. Freeman	Pennsylvania.....	do	William K. Riddle	Tennessee	5 Sept. 96
Sinclair Gannon	Texas	3 June 96	John W. Schoenfeld	New York	6 July 96

SECOND CLASS—Continued.

	Name.	Appointed from—	Date of admission.		Name.	Appointed from—	Date of admission.
	Edison E. Scanton	Ohio	20 May 96		William V. Tomb	Arkansas	5 Sept. 96
	William H. Shea	New York	do		Charles R. Train	New York	do
	Wilbert Smith	Michigan	6 July 96		Charles T. Wade	New Jersey	do
50	Charles P. Snyder	West Virginia	20 May 96		John D. Wainwright	Delaware	19 Sept. 96
	John A. Spilman	Virginia	do	60	Hollis T. Winston	North Carolina	5 Sept. 96
	George W. Steele, jr.	Indiana	3 June 96		Stanley Woods	Illinois	20 May 96
	Emil P. Svarz	Texas	20 May 96		Ward K. Wortman	Montana	5 Sept. 96
	Hiroaki Tamura	Empire of Japan	25 May 96		Luke E. Wright, jr.	Tennessee	do
55	John W. Timmons	Ohio	3 June 96		Henry L. Wyman	Illinois	6 Sept. 95

THIRD CLASS.—Seventy-two (70) members.

	James L. Ackerson	Michigan	20 May 97		Joseph L. Hileman	Virginia	10 Sept. 97
	Burrell C. Allen	Kansas	7 Sept. 97		Alfred G. Howe	Indiana	20 May 97
	William H. Allen	South Carolina	20 May 97		Charles T. Hutchins, jr.	Pennsylvania	do
	Adolphus Andrews	Texas	7 Sept. 97		John P. Jackson	New Jersey	7 Sept. 97
5	John V. Babcock	Iowa	10 Sept. 97	40	Raymond S. Keyes	Ohio	10 Sept. 97
	Ivan E. Bass	Mississippi	20 May 97		Ernest J. King	do	6 Sept. 97
	Wallace Bertholf	New Jersey	22 Sept. 97		Theodore A. Kittinger	Indiana	20 May 97
	George F. Blair	Michigan	8 Sept. 97		Thomas R. Kurtz	Minnesota	6 Sept. 97
10	Ernest A. Brooks	Tennessee	6 Sept. 97		Byron A. Long	California	10 Sept. 97
	Charles L. Bruff	New York	20 May 97	45	Rufus S. Manley	Kansas	7 Sept. 97
	John T. Burwell	Virginia	do		Lewis B. McBride	Pennsylvania	6 Sept. 97
	Guy W. S. Castle	Wisconsin	do		Frank McCommon	Missouri	21 Sept. 97
	Harold Colvocoresses	New Jersey	do		Frank R. McCrary	Arkansas	11 Sept. 97
15	Clarence A. Conway	Michigan	10 Sept. 97		Langdon Moore	New York	17 Sept. 97
	Harold E. Cook	Massachusetts	20 May 97	50	George F. Neal	Tennessee	20 May 97
	Merlyn G. Cook	Kansas	10 Sept. 97		Garrard P. Nightingale	New York	do
	Lewis S. Cox, jr.	New Jersey	20 Sept. 97		William Norris	Pennsylvania	7 Sept. 97
	John Downes, jr.	At large	8 Sept. 97		Owen H. Oakley	Nebraska	20 May 97
20	John M. Enochs	Mississippi	23 Sept. 97		Frederick L. Oliver	North Carolina	8 Sept. 97
	Arthur P. Fairfield	Maine	8 Sept. 97	55	Newman K. Perry, jr.	South Carolina	9 Sept. 97
	Charles W. Fisher, jr.	Maryland	1 Oct. 97		William S. Pys	Minnesota	20 May 97
	John J. Fitzpatrick	Louisiana	8 Sept. 97		Holden C. Richardson	Pennsylvania	8 Sept. 97
	William B. Fogarty	Ohio	20 Sept. 97		John Rodgers	At large	7 Sept. 97
	Percy W. Foote	North Carolina	20 May 97		Henry L. Roosevelt	New York	6 July 96
25	Orie W. Fowler	Iowa	do	60	Manley H. Simons	Rhode Island	20 May 97
	John C. Fremont, jr.	New York	do		Edward E. Spafford	Vermont	9 Sept. 97
	Julius A. Furer	Wisconsin	10 Sept. 97		William H. Steinhagen	Indiana	6 Sept. 97
	John H. Furse	Georgia	20 May 97		Walter N. Vernou	Michigan	20 Sept. 97
	William W. Galbraith	Tennessee	do		John H. Walsh	Washington	do
80	Jesse B. Gay	South Dakota	9 Sept. 97	65	George C. Westervelt	Texas	20 May 97
	Caspar Goodrich	Connecticut	7 Sept. 97		Guy Whitlock	Minnesota	do
	John F. Green	North Carolina	do		Roger Williams	New York	do
	Edward C. Hamner, jr.	Virginia	9 Sept. 97		Benayard B. Wygant	Florida	20 Sept. 97
35	John J. Hannigin	Illinois	do	70	Isaac I. Yates	New York	20 May 97
	Sidney M. Henry	New York	6 Sept. 97		Rufus J. Zogbaum, jr.	do	do

FOURTH CLASS.—Ninety-three (91) members.

	John S. Abbott	Wisconsin	10 Sept. 98	25	Roscoe Conkling Davis	Kentucky	22 Sept. 98
	Roe R. Adams	Illinois	12 Sept. 98		George A. Deering	New York	10 Sept. 98
	Kelley D. Alsop	Mississippi	24 May 98		Walter George Diman	Massachusetts	12 Sept. 98
	William Ancrum	Pennsylvania	23 May 98		Otto Carl Dowling	do	9 Sept. 98
5	Edwin C. Anderson	South Carolina	do		Charles William Early	Virginia	13 Sept. 98
	Herbert M. Apter	Massachusetts	19 Sept. 98	30	Emile P. Enfer	New York	21 May 98
	John S. Arwine	Indiana	22 Sept. 98		Fred Murphy Eslick	Tennessee	8 Sept. 98
	James Maxwell Austin	Alabama	10 Sept. 98		Earl Peck Finney	Wisconsin	17 Sept. 98
	Don D. Baker	Ohio	20 May 98		Joseph O. Fisher	Maine	21 May 98
10	Harry A. Baldrige	Missouri	13 Sept. 98		Frank B. Freyer	Georgia	23 May 98
	Carlos Bean	Texas	12 Sept. 98	35	Daniel T. Ghent	Texas	do
	Donald C. Bingham	Alabama	9 Sept. 98		Mayer Leon Goldman	Louisiana	7 Sept. 98
	John Hale Blackburn	Massachusetts	29 Sept. 98		Ralph M. Griswold	Massachusetts	9 Sept. 98
	Leroy Brooks, jr.	Ohio	8 Sept. 98		Frank D. Hall	Illinois	23 May 98
15	George Patten Brown	California	13 Sept. 98		Ass Ernest Lasher Hart	New York	22 Sept. 98
	Wilson Brown, jr.	New Jersey	23 Sept. 98	40	Robert Henderson	Massachusetts	21 May 98
	James A. Campbell	Pennsylvania	8 Sept. 98		Christopher J. Hickman	Kentucky	8 Sept. 98
	Harold David Childs	Vermont	12 Sept. 98		George R. Horning	Pennsylvania	21 Sept. 98
	Abram Claude	Maryland	do		Richard H. Johnston	Missouri	2 June 98
20	William Tipton Conn, jr.	do	9 Sept. 98	45	Charles S. Kerrick	California	11 Sept. 97
	Oscar F. Cooper	North Carolina	26 May 98		Edwin Graham Kintner	Indiana	12 Sept. 98
	Merritt S. Corning	New York	10 Sept. 98		Horace Sandler Klyce	Arkansas	7 Sept. 98
	Ralph Payne Craft	Missouri	21 Sept. 98		Lindsay Hensley Laacy	Texas	12 Sept. 98
	Gilford Darst	West Virginia	do		Emory Scott Land	Wyoming	9 Sept. 98

FOURTH CLASS—Continued.

	Name.	Appointed from—	Date of admission.		Name.	Appointed from—	Date of admission.
50	James Patrick Lannon ..	Virginia	12 Sept. 98	75	William Lee Pryor	Missouri	12 Sept. 98
	George Carson Lawrason ..	Louisiana	9 Sept. 98		Wm. Dilworth Puleston ..	Florida	7 Sept. 98
	Edward John Marquart ..	Indiana	7 Sept. 98		William J. Quinlan	New York	14 Sept. 98
55	Frank C. Martin	Illinois	21 May 98	Semmes Read	West Virginia	3 Oct. 98	
	George J. Meyers	Iowa	23 May 98	James Reed, jr.	Ohio	8 Sept. 98	
	Harry Thomas Morton ..	Missouri	7 Sept. 98	James Otto Richardson ..	Texas	21 Sept. 98	
60	William J. Moses	New York	3 June 98	Gilbert J. Rowcliff	Illinois	25 May 98	
	Thomas A. Mott	North Carolina	21 May 98	Clayton M. Simmers	Pennsylvania	12 Sept. 98	
	James P. Murdock	New York	10 Sept. 98	William Walker Smith ..	Kentucky	8 Sept. 98	
65	Daniel J. Murphy	California	21 May 98	Adolphus Staton	North Carolina	12 Sept. 98	
	Neil E. Nichols	Michigan	20 May 98	Frank Ward Sterling	Illinois	24 Sept. 98	
	Victor M. Nussbaum	Indiana	24 May 98	William T. St. George	New York	21 May 98	
70	Philip M. O'Reilly	Pennsylvania	do	George N. Thompson	Pennsylvania	9 Sept. 98	
	Morris W. O'Rourke	Oklahoma	21 May 98	Julius Curtis Townsend ..	Iowa	8 Sept. 98	
	Franklin W. Osburn	Oregon	27 Sept. 98	Richard Wainright, jr.	At large	do	
65	George Sanders Ownby ..	Tennessee	12 Sept. 98	Henry Geo. S. Wallace	Colorado	27 Sept. 98	
	Thomas L. Ozburn	Illinois	21 May 98	Robert Wallace, jr.	Kentucky	12 Sept. 98	
	Edward Bunner Parker ..	N. Hampshire	9 Sept. 98	William H. Walthall	Missouri	17 Sept. 98	
70	Andrew A. Peterson	New York	21 Sept. 98	David A. Weaver	Georgia	11 Sept. 97	
	Lewis B. Porterfield	Alabama	8 Sept. 98	Francis S. Whitten	New Mexico	23 May 98	
	Fred H. Poteat	Missouri	17 Oct. 98	John William Woodruff ..	Michigan	8 Sept. 98	
	Clarence H. Price	Georgia	12 Sept. 98				

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**OFFICERS APPOINTED FOR TEMPORARY SERVICE, UNDER THE PROVISIONS
OF THE ACT OF CONGRESS APPROVED MAY 4, 1898.**

LIEUTENANT-COMMANDERS (2).

	Name.	Present duty.	Date of appointment.	Appointed from—
	Ira Harris	Commanding Vulcan	11 May 98	New York.
	Marcus B. Buford	Ordered home	12 May 98	Massachusetts.

LIEUTENANTS (16).

	Guy M. Buck	Lebanon	29 Apr. 98	Maine.
	Samuel M. Blount	Marcellus	30 Apr. 98	Maryland.
	Henry W. Grinnell	Ordered home	4 May 98	Massachusetts.
	Edward V. Roberts	Commanding Supply	do	Pennsylvania.
5	Robert K. Wright	Southerly	12 May 98	Do.
	William J. Wilson	Branch Hydrographic Office, Chicago	14 May 98	Illinois.
	Frank B. Case	Office of Judge-Advocate-General	do	Missouri.
	John C. Dow	Supply	24 May 98	New York.
	Ralph E. Barry	Ordered home	do	California.
10	William S. Secombe	Commanding Glacier	26 May 98	Massachusetts.
	Warner H. Nostrand	Sterling	17 June 98	New York.
	Arthur C. Parsons	Navy-yard, League Island	do	Illinois.
	Courtland K. Bolles	Peoria	23 June 98	Pennsylvania.
	Charles E. Littlefield	Lebanon	do	Maine.
15	Marston Niles	Ordered home	18 July 98	California.
	John E. Lombard	do	25 July 98	Oregon.

LIEUTENANTS (Junior Grade) (25).

	Stephen Decatur	Ordered home	10 May 98	New Hampshire.
	William H. Caldwell	Resolute	13 May 98	Tennessee.
	Felix H. Hunicke	Hist	14 May 98	Missouri.
5	John A. Gorgas, jr	Resolute	20 May 98	New Jersey.
	John C. Norton	Ordered home	24 May 98	New York.
	Frank Ellery	Training ship Alliance	do	Do.
	Benjamin Wright *	Ordered home	do	Tennessee.
	Selim E. Woodworth	Nero	do	California.
	John F. Scheller	Ordered home	do	New York.
10	Arthur H. Dutton	Vixen	26 May 98	Do.
	John T. McMillan	Brutus	28 May 98	California.
	Winslow Allderice	Training ship Alliance	1 June 98	Ohio.
	James W. Wilmott	Ordered home	do	Florida.
15	Charles B. Fithian	do	2 June 98	Pennsylvania.
	Frederick E. Swanstrom	Nero	8 June 98	Minnesota.
	George Breed	Justin	17 June 98	Pennsylvania.
	E. V. Lynam	Marcellus	21 June 98	Maine.
	Edward Perks	Ordered home	22 June 98	California.
	John McIntyre	Marcellus	23 June 98	New York.
20	Hugh K. Norman	Glacier	6 July 98	Rhode Island.
	Henry E. Betts	Marcellus	do	New York.
	Frank P. Crockett	Ordered home	8 July 98	Do.
	William Cox	Solace	9 July 98	Maine.
	Thomas M. MacKnight	Glacier	19 July 98	New Jersey.
25	Charles S. Thurston	Ordered home	20 July 98	Massachusetts.

ENSIGNS (38).

	William M. Willett	Solace	5 May 98	New York.
	Walter W. Barrett	do	do	Do.
	Frank H. Edthofer	Supply	9 May 98	Louisiana.
5	George W. Ryan	Hist	10 May 98	Massachusetts.
	Johannes H. Cuntz	Southerly	11 May 98	New Jersey.
	Cornelius C. Billings	Ordered home	12 May 98	Vermont.
	Albert Houston	Newark	14 May 98	Maryland.
	Gerald L. Holsinger	Ordered home	do	Kansas.
	Moses D. Monroe	Sick leave	do	New York.
10	William A. O'Malley	Abarenda	do	Pennsylvania.
	Ernest E. West	Ordered home	do	Georgia.
	Edward R. Cassidy	Sterling	do	New York.
	John H. A. Day	Detroit	do	Do.
	Richard G. McConnell	Ordered home	do	Pennsylvania.

* To be discharged on arrival home.

TEMPORARY SERVICE.

ENSIGNS (38)—Continued.

	Name.	Present duty.	Date of appointment.	Appointed from—
15	Benjamin F. Jacobs	Ordered home	20 May 98	Massachusetts.
	Joseph H. Crozier	Supply	21 May 98	Pennsylvania.
	Frank H. Ainsworth	Abarenda	do	New York.
	James C. Summers	Ordered home	do	Do.
	Wirt McCreary	Supply	24 May 98	Ohio.
20	Harry S. Myddleton	Ordered home	do	New Jersey.
	Benjamin M. Lombard	do	do	Oregon.
	Williamson Dunn	Brutus	25 May 98	California.
	Richard M. Cutts	Abarenda	26 May 98	Do.
	Custis F. Upshur	Arethusa	28 May 98	District of Columbia.
25	John Burns	Lebanon	do	New York.
	Hugh Macpherson	Glacier	do	California.
	William C. White	do	do	Georgia.
	Franklin B. Harwood	Sandoval	2 June 98	Massachusetts.
	K. F. Martens	Ordered home	do	Do.
30	Whitney I. Eisler	Sterling	4 June 98	New York.
	Augustine B. McManus	Resolute	8 June 98	Maryland.
	Laurie H. Talbot	Peoria	29 June 98	Rhode Island.
	William C. Bliss	do	do	Do.
35	Julius M. Dashiell	Arethusa	30 June 98	Maryland.
	Charles A. Thompson	do	2 July 98	New York.
	Samuel Hammond	Ordered home	8 July 98	Massachusetts.
	Hugh E. King	do	30 July 98	Illinois.
	William H. Quinlan	Southery	5 Aug. 98	Do.

PASSED ASSISTANT SURGEON (1).

	Relative rank of Lieutenant (junior grade).		Date of appointment.	Appointed from—
	John F. Bransford	Ordered home	21 Sept. 98	Virginia.

ASSISTANT SURGEONS (21).

	Relative rank of Ensign.		Date of appointment.	Appointed from—
	Frank B. Hancock	Eagle	25 Apr. 98	Pennsylvania.
	John J. Snyder	Ordered home	do	Do.
	Henry A. Dunn	Cincinnati	do	District of Columbia.
5	Allan Stuart	Naval Station, Port Royal	do	South Carolina.
	Edward M. Blackwell	Receiving ship Franklin	do	Virginia.
	Henry D. Averill	Scindia	9 May 98	Maine.
	William H. Ulsh	Naval Hospital, Philadelphia	12 May 98	Pennsylvania.
	Mack V. Stone	Nero	24 May 98	California.
	Chauncey R. Burr	Brutus	do	Do.
10	Dennis F. Sughrue	Abarenda	2 June 98	Massachusetts.
	Henry E. Odell	Philadelphia	do	Ohio.
	Barton L. Wright	Receiving ship Vermont	13 June 98	Pennsylvania.
	George F. Freeman	Arethusa	do	Massachusetts.
15	James S. Taylor	Recruiting rendezvous, Chicago	29 June 98	New Jersey.
	Raphael O. Marcour	Naval Station, Key West	do	Louisiana.
	James H. Payne, jr	Marcollus	do	Massachusetts.
	Jacob Stepp	Justin	8 July 98	Do.
	Charles H. DeLancy	Receiving ship Wabash	do	New York.
20	Frederick M. Bogan	Sterling	13 July 98	District of Columbia.
	Rice K. McClanahan	Southery	do	Virginia.
	Warren E. G. High	Iris	do	Pennsylvania.

PASSED ASSISTANT PAYMASTERS (2).

	Relative rank of Lieutenant.		Date of appointment.	Appointed from—
	George E. Norris	Ordered home	23 Apr. 98	Massachusetts.
	Parker Cook	do	30 Apr. 98	Maryland.

a Assistant Surgeon 4 May, 1898.

TEMPORARY SERVICE.
ASSISTANT PAYMASTERS (24).

	Name.	Present duty.	Date of appointment.	Appointed from—
	<i>Relative rank of Ensign.</i>			
	Herbert E. Stevens	Solace	30 Apr. 98	Massachusetts.
	Eugene C. Tobey	Marcellus	25 May 98	Maine.
	Charles W. Eliason	Abarenda	7 June 98	District of Columbia.
	William B. Rogers	Michigan	do	Pennsylvania.
5	Jonathan Brooks	Puritan	10 June 98	Massachusetts.
	John R. Sanford	Justin	do	New York.
	George R. Venable	Navy-yard, Pensacola	11 June 98	Virginia.
	Howard P. Ash	Mayflower	do	Pennsylvania.
	Hugh R. Inasley	Albatross	do	California.
10	Emlen P. Etting	Ordered home	13 June 98	Pennsylvania.
	James W. Tierney	Cæsar	do	Virginia.
	Edmund B. Iglehart	Scorpion	do	Maryland.
	Eugene F. Hall	Arethusa	9 July 98	Kentucky.
	Charles R. O'Leary	Sterling	do	Pennsylvania.
15	Rufus Coffin	Resolute	12 July 98	Massachusetts.
	Albert W. Lavender	Southery	do	South Dakota.
	Robert H. Cowan	Lebanon	19 July 98	North Carolina.
	Warren L. Sawyer	Badger	20 July 98	New York.
	Le Roy H. Shields	Panther	21 July 98	Virginia.
20	William A. Collier	Ordered home	26 July 98	Alabama.
	Arthur H. Cathcart	Vixen	27 July 98	Minnesota.
	David M. Addison	Supply	18 Aug. 98	Kansas.
	Francois R. Maloney	Naval Station, Key West.	2 Sept. 98	Florida.
	Lewis Poessell	Concord	24 Sept. 98	New York.

CHIEF ENGINEERS (4).

	<i>Relative rank of Lieutenant.</i>			
	William H. Levay	Ordered home	3 May 98	New York.
	Mortimer E. Cooley	do	10 May 98	Michigan.
	Robert S. Paul	Badger	21 May 98	New York.
	Gardiner C. Sims	Ordered home	a28 May 98	Rhode Island.

PASSED ASSISTANT ENGINEERS (22).

	<i>Relative rank of Lieutenant.</i>			
	Lyman B. Perkins	Navy-yard, Norfolk	12 May 98	Connecticut.
	Robert S. Talbot	Ordered home	14 May 98	New York.
	Frank D. Terry	Yosemite	do	Massachusetts.
5	Patrick J. McMahon	Naval station, Key West	20 May 98	Louisiana.
	William C. Bennett	Ordered home	do	New Jersey.
	David P. Moran	Sterling	1 June 98	Massachusetts.
	Albert J. Mickley	Ordered home	10 June 98	New York.
	William H. Mears	Navy-yard, Mare Island	24 June 98	Pennsylvania.
	William M. Barr	Navy-yard, Boston	13 July 98	Do.
	<i>Relative rank of Lieutenant (junior grade).</i>			
10	Frederic W. Baker	Monterey	14 May 98	Maryland.
	Thomas P. Nelson	Celtic	do	Pennsylvania.
	Samuel Thompson	Ordered home	do	New Jersey.
	John L. MacVicar	do	25 May 98	Pennsylvania.
	Charles A. McAllister	Philadelphia	10 June 98	New York.
15	Carl M. Green	Ordered home	do	Do.
	William B. Carswell	do	23 June 98	Delaware.
	Michael N. Usina	Justin	24 June 98	Georgia.
	William H. Perkins	Ordered home	do	Connecticut.
	Edward F. White	Navy-yard, New York	do	New Jersey.
20	Bert C. Ball	Bureau Steam Engineering	do	Do.
	Frank L. Strong	Manila	do	Illinois.
	George W. Perkins	Ordered home	6 July 98	New York.

a Passed Assistant Engineer 12 May, 1898.

ASSISTANT ENGINEERS (43).

	Name.	Present duty.	Date of appointment.	Appointed from—
	<i>Relative rank of Ensign.</i>			
	Henry T. Powell.....	Ordered home.....	30 Apr. 98	Maryland.
	Add Anderson.....	do.....	4 May 98	Pennsylvania.
	Thomas E. Brady.....	Supply.....	do.....	Do.
	Frank C. Williams.....	Ordered home.....	9 May 98	New York.
5	Charles B. Forgham.....	Nero.....	12 May 98	Do.
	William H. Mackay.....	Ordered home.....	13 May 98	New Jersey.
	Percy L. Neel.....	Raleigh.....	14 May 98	Pennsylvania.
	Horatio N. Emmons.....	do.....	do.....	Missouri.
	Frederick C. Neilson.....	Prairie.....	do.....	Massachusetts.
10	Lee D. Fisher.....	Buffalo.....	do.....	New York.
	William R. Strickland.....	Ordered home.....	do.....	Massachusetts.
	James L. Smith.....	Concord.....	do.....	New York.
	Thomas Alward.....	Monadnock.....	do.....	District of Columbia.
	Walter H. Steiger.....	Raleigh.....	do.....	New York.
15	William D. Edwards.....	Ordered home.....	do.....	Massachusetts.
	William H. Messenger.....	do.....	do.....	New York.
	Walter K. Clark.....	do.....	20 May 98	Illinois.
	Thomas W. Clarke.....	Philadelphia.....	do.....	Massachusetts.
	Julius I. Wile.....	Boston.....	do.....	New York.
20	George B. Massey.....	Buffalo.....	25 May 98	Do.
	Howell C. Cooper.....	Ordered home.....	do.....	Pennsylvania.
	Harry E. Middleton.....	Charleston.....	do.....	District of Columbia.
	James F. Snow.....	Ordered home.....	1 June 98	Missouri.
	William S. Barger.....	Petrel.....	do.....	Pennsylvania.
25	Henry M. Leps.....	Monocacy.....	do.....	West Virginia.
	Albert D. Brown.....	Callao.....	do.....	Pennsylvania.
	William L. Walker.....	Boston.....	do.....	Massachusetts.
	August Mehlman.....	Lebanon.....	do.....	New York.
	Norris K. Davis.....	Philadelphia.....	3 June 98	California.
30	James R. Selfridge.....	Ordered home.....	do.....	Do.
	Elliott McConnell.....	Peoria.....	do.....	Do.
	Edward M. Jennings.....	Ordered home.....	do.....	Connecticut.
	Thomas Rodger.....	Navy-yard, New York.....	do.....	Pennsylvania.
	Warren H. Miller.....	Glacier.....	do.....	New Jersey.
35	Robert M. Wilkins.....	Asiatic Station.....	15 June 98	New York.
	Gilbert Bloss.....	Boston.....	18 June 98	District of Columbia.
	Murray Warner.....	Inspection duty.....	21 June 98	Illinois.
	James V. Rockwell.....	Navy-yard, Norfolk.....	22 June 98	New York.
	William H. Thompson, jr.....	Inspection duty.....	do.....	Missouri.
40	Joseph H. Howatt.....	Ordered home.....	23 June 98	New York.
	William E. Dickey.....	Buffalo.....	24 June 98	New York.
	William H. Johnson.....	Glacier.....	25 June 98	District of Columbia.
	Charles A. Baechtold.....	Yankee.....	1 July 98	Kentucky.

BOATSWAIN (1).

	Andrew F. Hall.....	Navy-yard, New York.....	23 June 98	Massachusetts.
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MATES (5).

	John H. Haynsworth.....	Naval station, Port Royal (Wabon).....	25 Apr. 98	South Carolina.
	Micah Jenkins.....	Commanding Massasoit.....	17 June 98	Do.
	Peter L. Lea.....	Accomac.....	19 June 98	Do.
	Joseph J. Delaney.....	Pensacola.....	22 June 98	California.
5	Thomas J. Garrett.....	Inspection duty.....	29 June 98	Maryland.

RETIRED LIST.

List of officers of the Navy retired in conformity with the following laws:

- A. Retired after 45 years' service. Act of December 21, 1861, and amendments.
 B. Retired on attaining the age of 62 years. Act of December 21, 1861, and amendments. Section 1444, R. S.
 C. Retired on own application after 40 years' service. Act of August 3, 1861, section 21.

REAR-ADMIRALS (32).

	Name.	Present residence or duty.	Retired.	Law governing retirement.		Sea service.		Shore or other duty.	
				Ys.	Ms.	Ys.	Ms.	Ys.	Ms.
	Thomas O. Selfridge.....	Washington, D. C.....	a24 Apr. 86	A.	15	4	21	2	2
	Roger N. Steinbel.....	do.....	b27 Dec. 72	B.	20	7	11	4	4
	George B. Balch.....	Baltimore, Md.....	3 Jan. 83	B.	21	2	19	8	8
	Peirce Crosby.....	Washington, D. C.....	29 Oct. 83	C.	23	1	12	9	0
5	Aaron K. Hughes.....	do.....	31 Mar. 84	B.	19	7	13	0	0
	Thomas S. Phelps.....	do.....	2 Nov. 84	B.	25	5	14	9	9
	John H. Upshur.....	do.....	1 June 85	C.	22	5	16	8	8
	Francis A. Roe.....	do.....	4 Oct. 85	B.	24	0	10	0	0
	Samuel R. Franklin.....	do.....	24 Aug. 87	B.	25	11	17	1	1
10	Stephen B. Luce.....	Newport, R. I.....	25 Mar. 89	B.	23	1	12	3	3
	James E. Jouett.....	Washington, D. C.....	27 Feb. 90	B.	26	10	17	0	0
	Lewis A. Kimberly.....	Prize Commissioner, Portland, Me.....	2 Apr. 92	B.	23	8	16	1	1
	Hanoroff Gherard.....	New York, N. Y.....	10 Nov. 94	B.	25	8	17	0	0
	George E. Belknap.....	Brookline, Mass.....	22 Jan. 94	B.	24	4	18	7	7
15	David B. Harmony.....	Santa Barbara, Cal.....	26 June 93	C.	21	7	17	5	5
	Andrew E. K. Benham.....	Prize Commissioner, Georgia.....	10 Apr. 94	B.	22	11	18	8	8
	John Irwin.....	Prize Commissioner, South Carolina.....	15 Apr. 94	B.	21	11	19	9	9
	James A. Greer.....	Washington, D. C.....	28 Feb. 95	B.	20	4	22	5	5
	Aaron W. Weaver.....	do.....	26 Sept. 93	C.	20	1	20	2	2
20	George Brown.....	Indianapolis, Ind.....	19 June 97	B.	22	7	19	5	5
	John G. Walker.....	Special duty.....	20 Mar. 97	B.	17	2	24	1	1
	Francis M. Ramsay.....	do.....	5 Apr. 97	B.	16	9	28	7	7
	Oscar F. Stanton.....	New London, Conn.....	30 July 94	C.	19	9	17	8	8
	Henry Erben.....	New York, N. Y.....	6 Sept. 94	B.	20	2	20	6	6
25	Charles C. Carpenter.....	Portsmouth, N. H.....	27 Feb. 96	B.	17	7	18	8	8
	Lester A. Beardalee.....	Little Falls, N. Y.....	1 Feb. 98	B.	21	5	17	7	7
	Thomas O. Selfridge, jr.....	Washington, D. C.....	6 Feb. 98	B.	20	5	20	6	6
	Joseph N. Miller.....	Springfield, Ohio.....	22 Nov. 98	B.	18	7	26	0	0
	Montgomery Sicard.....	Special duty, Navy Department.....	30 Sept. 98	B.	16	6	29	2	2
30	Edmund O. Matthews.....	do.....	24 Oct. 98	B.	14	8	29	3	3
	Charles S. Norton.....	do.....	10 Aug. 98	B.	16	9	25	9	9
	Francis M. Bunce.....	Commandant, Navy-yard, New York.....	25 Dec. 98	B.	17	5	18	10	10

COMMODORES (11).

	Lewis C. Sartori.....	Philadelphia, Pa.....	3 June 74	B.	19	4	9	9	9
	Albert G. Clary.....	Lisbon, Portugal.....	7 Aug. 76	B.	20	8	6	10	10
	Somerville Nicholson.....	Washington, D. C.....	7 Apr. 81	C.	17	8	12	3	3
	Oscar C. Badger.....	do.....	12 Aug. 85	B.	21	1	18	6	6
5	William K. Mayo.....	do.....	18 May 86	C.	20	1	11	9	9
	William P. McCann.....	Prize Commissioner, southern district N. Y.....	4 May 92	B.	19	4	19	0	0
	James H. Gillis.....	Delhi, N. Y.....	14 May 92	B.	22	4	11	10	10
	Edward E. Potter.....	Philadelphia, Pa.....	9 May 95	B.	19	3	18	10	10
10	Robert L. Phythian.....	Annapolis, Md.....	29 July 97	B.	15	1	25	4	4
	Rush B. Wallace.....	Washington, D. C.....	7 Nov. 97	B.	17	10	22	4	4
	George H. Perkins.....	Boston, Mass.....	c1 Oct. 91	C.	15	4	10	8	8

a Retired as Commodore, promoted 25 July, 1866.

b Retired as Commodore, promoted 5 June, 1874.

c Retired as Captain, promoted 9 May, 1896.

RETIRED LIST.

List of officers of the Navy retired in conformity with the following laws:

- A. Retired after 45 years' service. Act of December 21, 1861, and amendments.
- B. Retired on attaining the age of 62 years. Act of December 21, 1861, and amendments. Section 1444, R. S.
- C. Retired on own application after 40 years' service. Act of August 3, 1861, section 21.

REAR-ADMIRALS (32).

Appointed from—	Entry and promotions on active list.								
	Entry.	Passed Midshipman.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.	Captain.	Commodore.	Rear-Admiral.
Mass	1 Jan. 18			3 Mar. 27		11 Apr. 44	14 Sept. 55	16 July 62	
Ohio	27 Mar. 32	23 June 38		28 Oct. 43		1 July 61	25 July 66	13 July 70	
Ala	30 Dec. 37	29 June 43		16 Aug. 50		16 July 62		13 Aug. 72	5 June 78
Pa.	5 June 38	20 May 44	4 Nov. 52	3 Sept. 53		do	27 May 68	3 Oct. 74	10 Mar. 82
N. Y.	20 Oct. 38	do	19 Dec. 52	18 Oct. 53		16 Nov. 62	10 Feb. 69	4 Feb. 75	2 July 82
Me	17 Jan. 40	11 July 46	1 Mar. 55	14 Sept. 55	16 July 62	5 Aug. 65	19 Jan. 71	13 Jan. 79	1 Mar. 84
D. C.	4 Nov. 41	10 Aug. 47	18 Apr. 55	do	do	25 July 66	31 Jan. 72	11 July 80	1 Oct. 84
N. Y.	19 Oct. 41	do. a	8 Aug. 55	do	do	do	1 Apr. 72	26 Nov. 80	3 Nov. 84
Pa.	18 Feb. 41	do	18 Apr. 55	do	do	27 Sept. 66	13 Aug. 72	28 May 81	24 Jan. 85
N. Y.	19 Oct. 41	do	14 Sept. 55	15 Sept. 55	do	25 July 66	28 Dec. 72	25 Nov. 81	5 Oct. 85
Ky	10 Sept. 41	do	do	do	do	do	do	do	19 Feb. 86
Ill.	8 Dec. 46	8 June 52	15 Sept. 55	16 Sept. 55	do	do	3 Oct. 74	27 Sept. 84	26 Jan. 87
Mass	29 June 46	do	do	do	do	do	9 Nov. 74	3 Nov. 84	25 Aug. 87
N. H.	7 Oct. 47	10 June 53	do	do	do	do	25 Jan. 75	2 June 85	12 Feb. 89
Pa.	7 Apr. 47	do	do	do	do	do	4 Feb. 75	23 Sept. 85	26 Mar. 89
N. Y.	24 Nov. 47	do	do	do	do	do	12 Mar. 75	30 Oct. 85	28 Feb. 90
Pa.	9 Sept. 47	do	do	do	do	do	15 May 75	4 Mar. 86	19 May 91
Ohio	10 Jan. 48	15 June 54	do	do	do	do	26 Apr. 76	19 May 86	3 Apr. 92
Ohio	10 May 48	do	do	do	do	do	8 Aug. 76	7 Oct. 86	27 June 93
Ind.	5 Feb. 49	12 June 55	16 Sept. 55	2 June 56	do	do	25 Apr. 77	4 Sept. 87	27 Sept. 93
Iowa	5 Oct. 50	20 June 56	22 Jan. 58	23 Jan. 58	do	do	25 June 77	12 Feb. 89	23 Jan. 94
Pa.	do	do	do	do	do	do	1 Dec. 77	26 Mar. 89	11 Apr. 94
N. Y.	29 Dec. 49	12 June 55	16 Sept. 55	2 Apr. 56	do	12 Dec. 67	11 June 79	19 May 91	21 July 94
N. Y.	17 June 48	do	do	27 Dec. 56	do	6 May 68	1 Nov. 79	3 Apr. 92	31 July 94
Mass	1 Oct. 50	20 June 56	22 Jan. 58	23 Jan. 58	do	10 Feb. 69	25 Mar. 80	15 May 93	11 Nov. 94
N. Y.	5 Mar. 50	do	do	23 July 59	do	12 June 69	26 Nov. 80	23 Jan. 94	21 May 95
Mass	3 Oct. 51	22 Nov. 56	do	15 Feb. 60	do	31 Dec. 69	24 Feb. 81	11 Apr. 94	28 Feb. 96
Ohio	1 Oct. 51	do	do	19 Feb. 60	do	25 Jan. 70	28 May 81	16 Apr. 94	21 Mar. 97
N. Y.	do	15 Apr. 58	4 Nov. 58	31 May 60	do	2 Mar. 70	7 Aug. 81	10 July 94	6 Apr. 97
Mo	2 Oct. 51	do	do	27 June 60	do	22 Apr. 70	14 Sept. 81	21 July 94	19 June 97
N. Y.	3 Oct. 51	do	do	24 Nov. 60	do	1 July 70	12 Oct. 81	31 July 94	1 Feb. 98
Conn	28 May 52	25 June 60	24 Oct. 60	11 Apr. 61	15 Jan. 63	2 Nov. 71	11 Jan. 83	1 Mar. 95	6 Feb. 98

COMMODORES (11).

N. Y.	2 Feb. 29	15 June 37		8 Sept. 41		27 Apr. 61	26 Sept. 66	12 Dec. 73	
Mass	8 May 32	8 July 39		11 Apr. 45		16 July 62	21 Nov. 66	5 Apr. 74	
N. Y.	21 June 39	2 July 45	9 Sept. 53	5 May 54	16 July 62	2 Jan. 63	10 June 70	22 Jan. 80	
Pa.	9 Sept. 41	10 Aug. 47	14 Sept. 55	15 Sept. 55	do	25 July 66	25 Nov. 72	15 Nov. 81	
N. Y.	18 Oct. 41	do	do	do	do	do	12 Dec. 73	2 July 82	
Ky	1 Nov. 48	15 June 54	15 Sept. 55	16 Sept. 55	do	do	21 Sept. 78	26 Jan. 87	
Pa.	12 Oct. 48	do	16 Sept. 55	17 Sept. 55	do	do	30 Sept. 76	29 Jan. 87	
Ill.	5 Feb. 50	20 June 56	22 Jan. 58	18 Mar. 58	do	2 Mar. 69	1 Apr. 80	27 June 93	
Ky	23 Jan. 53	29 Apr. 59	5 Sept. 59	25 Dec. 60	do	13 July 70	15 Nov. 81	7 Sept. 94	
Tenn	25 May 52	do	do	17 Jan. 61	1 Oct. 62	28 Oct. 70	4 Feb. 82	11 Nov. 94	
N. H.	1 Oct. 51	do	do	2 Feb. 61	13 Dec. 62	19 Jan. 71	10 Mar. 82		

a Out of service 11 months from 12 June, 1848.

RETIRED LIST.

CAPTAINS (4).

Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.	
				Ys.	Ms.	Ys.	Ms.
S. Livingston Breese.....	Wilmington, Del.....	30 Mar. 88	C.	18	7	11	10
Allen V. Reed.....	Pinehurst, N. C.....	11 June 96	C.	15	6	18	8
Alfred T. Mahan.....	Special duty, New York, N. Y.....	17 Nov. 96	C.	15	10	19	6
Henry B. Seely.....	Philadelphia, Pa.....	30 June 92	C.	15	9	15	4

COMMANDERS (12).

Francis M. Green.....	Brookline, Mass.....	23 Feb. 97	B.	a15	11	a18	3
John N. Quackenbush.....	Washington, D. C.....	1 June 95	B.	11	4	2	5
Edward Hooker.....	Brooklyn, N. Y.....	25 Dec. 84	B.	a6	2	a16	10
Thomas Nelson.....	Annapolis, Md.....	5 Dec. 96	B.	a18	5	a13	6
5 Charles A. Schetky.....	Haddonfield, N. J.....	8 Mar. 89	B.	a9	2	a13	5
John K. Winn.....	Key West, Fla.....	31 Aug. 95	B.	a10	5	a21	7
William B. Newman.....	Hackensack, N. J.....	9 Nov. 96	B.	a19	1	a11	7
Andrew J. Iverson.....	Beverly, Mass.....	4 Jan. 97	B.	a17	4	a14	3
10 Zera L. Tanner.....	Special duty, Washington, D. C.....	5 Dec. 97	B.	a24	5	a6	8
Samuel Belden.....	New London, Conn.....	27 Apr. 98	B.	15	6	17	1
John C. Morong.....	San Francisco, Cal.....	28 Aug. 97	B.	a14	4	a17	10
James D. Graham.....	New York, N. Y.....	25 Sept. 97	C.	15	1	12	9

MEDICAL DIRECTORS (22).

<i>Relative rank of Commodore (4).</i>							
William Grier.....	Washington, D. C.....	5 Oct. 78	B.	17	7	17	7
Samuel Jackson.....	do.....	1 Apr. 79	B.	17	4	19	2
Francis M. Gunnell.....	do.....	27 Nov. 89	B.	16	7	21	6
Albert L. Gihon.....	New York, N. Y.....	28 Sept. 95	B.	11	0	27	7
<i>Relative rank of Captain (17).</i>							
5 Phineas J. Horwitz.....	Philadelphia, Pa.....	3 Mar. 84	B.	7	10	21	9
Edward Shippen.....	do.....	18 June 88	B.	13	4	22	1
Samuel F. Cones.....	Cambridge, Mass.....	17 Sept. 87	B.	13	7	18	4
Jacob S. Dungan.....	San Francisco, Cal.....	11 Jan. 87	B.	13	11	17	5
George Peck.....	Elizabeth, N. J.....	9 July 88	B.	12	7	19	5
10 Thomas J. Turner.....	Coldwater, Mich.....	21 Sept. 91	B.	11	2	20	2
John Y. Taylor.....	Washington, D. C.....	21 Jan. 91	B.	13	11	20	0
William T. Hord.....	do.....	3 Mar. 93	B.	10	7	23	1
Richard C. Dean.....	do.....	27 May 95	B.	10	9	25	2
15 Delavan Bloodgood.....	Special duty, New York, N. Y.....	20 Aug. 93	B.	13	1	22	2
David Kindleberger.....	New York, N. Y.....	2 Sept. 96	B.	12	3	19	5
Philip S. Wales.....	On leave abroad.....	27 Feb. 96	B.	8	5	21	2
Edward S. Bogert.....	Yavy-yard, New York.....	7 May 93	B.	11	11	24	1
Henry M. Wells.....	New York, N. Y.....	20 Jan. 97	B.	14	4	19	8
Benjamin H. Kidder.....	Beaufort, S. C.....	23 Jan. 98	B.	14	3	17	7
20 George H. Cooke.....	Naval Hospital, Philadelphia.....	12 Dec. 98	B.	14	0	17	11
Thomas N. Penrose.....	Brooklyn, N. Y.....	6 June 97	B.	15	2	16	5
Daniel McMurtrie.....	Member Ex. Bd., Washington, D. C.....	18 June 98	B.	12	11	19	4

a Includes service in Volunteer navy.

CAPTAINS (4).

Appointed from—	Entry and promotions on active list.							
	Acting Midshipman.	Midshipman.	Passed Midshipman.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.	Captain.
Ill.....		14 May 46	8 June 52	15 Sept. 55	16 Sept. 55	16 July 62	24 Apr. 67	26 Apr. 78
N. Y.....	26 Sept. 54	11 June 58	19 Jan. 61	23 Feb. 61	18 Apr. 61	3 Mar. 65	1 Apr. 72	28 July 84
N. Y.....	30 Sept. 56	9 June 59	.....	.....	31 Aug. 61	7 June 65	20 Nov. 72	23 Sept. 85
N. Y.....	26 May 52	10 June 57	25 June 60	24 Oct. 60	17 Apr. 61	21 Feb. 64	24 Aug. 73	13 Dec. 86

COMMANDERS (12).

	Acting Ensign.	Acting Master.	Acting Volunteer Lieutenant.	Acting Volunteer Lieutenant-Commander.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.
Mass.....		18 June 61	a 2 Apr. 61	20 Jan. 65	.....	12 Mar. 68	18 Dec. 68	7 July 83
N. Y.....		24 Sept. 47	.....	.....	13 May 61	16 July 62	25 May 71	(*)
R. I.....		19 July 61	6 Sept. 62	.....	.....	12 Mar. 68	18 Dec. 68	9 Feb. 84
Pa.....	b 7 Nov. 62	27 Mar. 65	.....	.....	12 Mar. 68	18 Dec. 68	25 Jan. 70	13 Dec. 86
N. Y.....	c 27 June 63	.....	.....	.....	.....	.....	1 Dec. 77	4 Sept. 87
Mass.....	e 10 June 63	6 Aug. 64	27 July 65	.....	18 Mar. 68	.....	11 Dec. 77	31 Mar. 88
N. Y.....	(d)	3 Feb. 62	.....	.....	18 Dec. 68	21 Mar. 70	2 June 82	1 July 92
Mass.....	e 6 Oct. 64	.....	.....	.....	.....	.....	19 June 82	4 Dec. 92
N. Y.....	18 Aug. 62	f 29 Sept. 64	.....	.....	.....	.....	22 Feb. 83	7 Feb. 93
Conn.....	10 Sept. 62	19 Feb. 64	18 May 65	(g)	.....	.....	7 July 83	25 Feb. 93
Me.....	f 1 Apr. 63	1 June 64	.....	.....	.....	.....	5 June 84	27 June 83
Ill.....	(h)	.....	.....	.....	.....	1 Aug. 62	25 July 66	9 Sept. 76

MEDICAL DIRECTORS (22).

	Assistant Surgeon.	Passed Assistant Surgeon.	Surgeon.	Medical Inspector.	Medical Director.
Maryland.....	7 Mar. 38	.....	14 Apr. 52	.....	3 Mar. 71
North Carolina.....	20 June 38	22 Nov. 43	2 Sept. 52	.....	.....
District of Columbia.....	22 Mar. 49	7 Apr. 54	23 Apr. 61	3 Mar. 71	3 Feb. 75
Pennsylvania.....	1 May 55	3 May 60	1 Aug. 61	7 Nov. 72	20 Aug. 79
5 Pennsylvania.....	8 Nov. 47	.....	19 Apr. 61	.....	30 June 78
Pennsylvania.....	7 Aug. 49	21 Apr. 55	26 Apr. 61	3 Mar. 71	17 Mar. 76
New Hampshire.....	25 Feb. 51	9 Apr. 56	.....	.....	13 Aug. 76
Pennsylvania.....	.....	.....	1 May 61	.....	31 Dec. 76
New York.....	.....	.....	30 May 61	28 May 71	7 Jan. 78
10 Pennsylvania.....	16 Dec. 53	20 May 59	20 June 61	26 Apr. 72	2 Apr. 79
Delaware.....	26 Sept. 53	26 Sept. 58	1 Aug. 61	29 June 72	20 Apr. 79
Kentucky.....	1 Nov. 54	1 Nov. 59	.....	6 July 72	1 May 79
New Jersey.....	17 Apr. 56	17 Apr. 61	1 Aug. 61	8 June 73	10 June 80
New York.....	13 Mar. 57	24 Oct. 61	24 Jan. 62	23 Feb. 75	22 Aug. 84
15 Ohio.....	20 May 59	7 June 62	14 Aug. 62	13 Aug. 76	30 Jan. 87
Maryland.....	7 Aug. 56	7 Aug. 61	12 Oct. 61	30 June 73	15 Oct. 81
New York.....	10 June 61	22 June 64	6 Apr. 66	10 Sept. 82	28 Nov. 89
Massachusetts.....	1 July 61	.....	9 Oct. 66	22 Aug. 84	22 Sept. 91
Massachusetts.....	20 Sept. 61	28 June 65	2 Mar. 68	30 Jan. 87	21 Aug. 93
20 New Jersey.....	22 Sept. 62	20 Jan. 66	20 Feb. 70	15 Sept. 88	29 Sept. 95
Pennsylvania.....	11 Nov. 61	28 Jan. 65	28 May 71	28 Jan. 89	28 Feb. 96
Pennsylvania.....	22 Aug. 62	11 May 66	29 June 72	8 Feb. 90	3 Sept. 96

a Honorably discharged 24 May, 1866; reappointed 3 September, 1866.

b Acting Master's Mate 8 January, 1862.

c Enlisted man 2 September, 1861, to 5 August, 1862; Acting Master's Mate 8 September, 1862.

d Acting Master's Mate 12 October, 1861; Ensign 12 March, 1868.

e Acting Master's Mate 19 March, 1863; honorably discharged 8 December, 1866; reappointed 22 January, 1867; Ensign 12 March, 1868.

f Ensign 12 March, 1868.

g Honorably discharged 21 March, 1866; reappointed Acting Master 15 April, 1867; Ensign 12 March, 1868.

h Acting Midshipman 25 September, 1857.

* Out of the service January 3, 1854, to May 13, 1861; retired July 17, 1868; recommissioned lieutenant-commander on the active list September 29, 1862; on May 24, 1867, was commissioned a commander as of date of August 1, 1863, in accordance with an Act of Congress which became a law on February 17, 1867, and placed on the retired list as of the date of June 1, 1895.

RETIRED LIST.

PAY DIRECTORS (7).

Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.	
				Ys.	Ms.	Ys.	Ms.
<i>Relative rank of Commodore (8).</i>							
James H. Watmough	Washington, D. C.	30 July 84	B.	13	0	13	5
Thomas H. Looker	do	23 Nov. 91	B.	c14	7	20	6
<i>Relative rank of Captain (5).</i>							
Charles W. Abbot	Warren, R. I.	18 Nov. 91	B.	6	9	21	5
James D. Murray	Annapolis, Md.	20 Sept. 91	B.	8	3	19	4
Alexander W. Russell a	Philadelphia, Pa.	4 Feb. 86	B.	8	4	19	1
Casper Schenck b	Annapolis, Md.	25 Sept. 97	l.	d	9	d23	10
Arthur J. Pritchard	Baltimore, Md.	12 Feb. 98	B.	18	2	13	5

PAY INSPECTORS (2).

<i>Relative rank of Commander.</i>							
Worth. Goldsborough	Cambridge, Md.	9 Oct. 96	B.	14	3	18	4
William W. Woodhull	Naval station, San Juan	15 June 98	B.	13	5	18	7

PAYMASTER (1).

<i>Relative rank of Lieut. Commander.</i>							
Henry T. Skelding	Navy-yard, League Island	31 Oct. 96	B.	12	0	14	3

a Captain's clerk 9 December, 1842; sea service, 2 years.

b Three months and eleven days in Volunteer Army.

c Includes service as Midshipman.

d Includes service in Volunteer Navy.

PAY DIRECTORS (7).

Appointed from—	Entry and promotions on active list.					
	Acting Assistant Paymaster.	Assistant Paymaster.	Purser.	Paymaster.	Pay Inspector.	Pay Director.
Pennsylvania			^a 12 Dec. 44	22 June 60		8 Mar. 71
Ohio			^b 31 Aug. 53	do		do
Rhode Island			2 Sept. 56	1 June 61	3 Mar. 71	3 July 71
Minnesota			3 June 58	do	do	25 Sept. 75
District of Columbia				^c 28 Feb. 61	do	23 Feb. 77
Illinois	6 July 61	14 Sept. 61		6 Jan. 64	do	6 Dec. 80
Maryland		7 Oct. 61		9 Nov. 64	24 Dec. 83	10 Apr. 95

PAY INSPECTORS (2).

	Acting Assistant Paymaster.	Assistant Paymaster.	Passed Assistant Paymaster.	Paymaster.	Pay Inspector.
Maryland	30 Sept. 62	2 July 64		4 May 66	24 Nov. 91
New York	13 May 63		23 July 66	10 Feb. 70	30 Mar. 95

PAYMASTER (1).

New York	31 Dec. 62	23 July 66	5 Mar. 67	19 Aug. 76	
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^a Acting Midshipman 24 November, 1843; 10 months' sea service.

^b Midshipman 6 November, 1846; sea service, 3 years 5 months; shore duty, 2 months; unemployed, 2 years 6 months.

^c Eight months in the Army.

RETIRED LIST.

CHIEF ENGINEERS (35).

Name.	Present residence or duty.	Retired.	Law Government.		Sea service.		Shore or other duty.		Appointed from—	Entry and promotions on active list.				
			Ya	Mo	Ya	Mo	Ya	Mo		Third Assistant Engineer.	Second Assistant Engineer.	First Assistant Engineer.	Passed Assistant Engineer.	Chief Engineer.
<i>Relative rank of Commodore (II).</i>														
Benj. F. Ieherswood	New York, N. Y.	6 Oct. 84	B.	6	2	0	0	0	N. Y.	23 May 44	21 Jan. 46	10 July 47	31 Oct. 48	
William H. Shock	Washington, D. C.	15 June 83	B.	12	0	22	11	4	Md.	18 Jan. 45	10 July 47	31 Oct. 47	31 Mar. 51	
Monodore Zeller	New York, N. Y.	1 Dec. 85	B.	14	7	22	3	3	N. Y.	15 June 43	6 Nov. 49	27 June 55	27 June 55	
Montgomery Fletcher	Washington, D. C.	15 Feb. 82	B.	12	2	22	2	3	Pa.	24 June 40	26 Feb. 51	26 June 56	26 Oct. 59	
David B. Macomb	West Roxbury, Mass.	27 Feb. 89	B.	14	11	28	4	7	Pa.	11 Jan. 49	do.	do.	21 Sept. 60	
Alexander Henderson	Wenkers, N. Y.	12 July 84	B.	15	8	26	7	4	Va.	21 May 53	9 May 57	28 Sept. 61	28 Sept. 61	
Edward D. Robie	Washington, D. C.	18 Sept. 83	B.	16	11	21	8	9	N. Y.	16 Feb. 52	27 June 55	21 July 58	30 July 61	
John W. Moore	Brooklyn, N. Y.	24 May 83	B.	15	7	22	2	2	Va.	31 May 53	do.	do.	5 Aug. 61	
Thom Williamson	Washington, D. C.	5 Aug. 95	B.	16	6	20	8	0	Md.	26 June 56	do.	do.	1 Feb. 62	
William W. Dungan	Baltimore, Md.	23 Dec. 97	B.	16	7	20	8	0	Pa.	2 Aug. 55	21 July 58	2 Aug. 59	2 Feb. 62	
Jackson McEimell	Prest. Ex. Bd., Philadelphia, Pa.	4 June 96	B.	15	5	18	0	0	Pa.	do.	do.	do.	2 Feb. 62	
<i>Relative rank of Captain (17).</i>														
James W. King	Philadelphia, Pa.	26 Aug. 81	B.	8	11	25	6	6	Md.	2 Sept. 44	10 July 47	13 Sept. 49	12 Nov. 52	
Edwin Fithian	Bridgeton, N. J.	13 Dec. 82	B.	16	1	16	1	1	Pa.	31 Oct. 48	26 Feb. 51	13 Dec. 53	23 Oct. 59	
Francis C. Dade	Philadelphia, Pa.	26 Jan. 89	D.	16	10	12	2	2	Va.	20 Jan. 49	do.	21 May 53	24 Oct. 59	
Charles H. Loring	Inspection duty, Brooklyn, N. Y.	26 Dec. 90	B.	12	5	23	3	3	Mass.	26 Feb. 51	21 May 53	9 May 57	26 Mar. 61	
William B. Brooks	Inspection duty, Erie, Pa.	1 Mar. 92	D.	19	3	17	3	0	Va.	16 Feb. 52	27 June 55	21 July 58	1 Aug. 61	
George F. Kutz	Inspection duty, Portland, Oregon.	26 June 96	D.	16	8	20	10	4	Pa.	26 June 56	do.	2 Aug. 59	10 Nov. 61	
Andrew J. Kiersted	Monitors, League Island	25 Dec. 94	D.	16	7	16	4	4	Md.	do.	do.	9 May 57	12 Nov. 61	
James W. Thomson	Camden, N. J.	26 June 96	D.	15	5	21	7	0	N. J.	do.	do.	2 Aug. 59	2 Feb. 62	
Benj. L. H. Wharton	Inspection duty	14 Jan. 95	B.	19	4	16	0	1	Md.	21 Nov. 57	2 Aug. 59	16 Oct. 61	20 Nov. 63	
Samuel L. P. Ayers	do	29 July 97	B.	18	0	20	1	0	Conn.	21 July 58	17 Jan. 61	21 Apr. 63	21 Mar. 70	
Elijah Laws	Morristown, N. J.	20 Mar. 96	B.	17	9	9	2	2	Pa.	19 Mar. 58	8 July 61	25 July 66	do.	
David Smith	Inspection duty	13 Dec. 96	B.	16	8	19	0	0	Mass.	26 Aug. 59	21 Oct. 61	1 Oct. 63	do.	
Fletcher A. Wilson	Boston, Mass.	7 Feb. 98	B.	17	5	11	6	0	N. Y.	do.	do.	do.	do.	
Edward Farmer	Inspection duty	1 Mar. 98	B.	21	10	19	0	0	Mass.	3 May 59	18 Oct. 61	20 May 63	4 Mar. 71	
Robert Forté	Washington, D. C.	8 May 97	B.	18	8	14	1	1	Pa.	17 Feb. 60	27 June 62	1 Mar. 64	22 Jan. 73	
Alfred Adamson	Cambridge, Mass.	18 Sept. 98	B.	18	2	12	11	11	Wis.	13 May 61	17 Dec. 62	1 Jan. 65	19 May 79	
John A. Scot	Miami, Fla.	28 May 97	B.	20	4	10	0	0	Pa.	3 Oct. 61	3 Aug. 63	11 Oct. 66	24 Feb. 74	
<i>Relative rank of Commodore (4).</i>														
Henry B. Nones	Inspection duty, Wilmington, Del.	15 May 92	B.	16	10	12	0	0	Del.	628 May 61	628 May 61	1 July 61	14 Dec. 64	
Albert W. Morley	Brooklyn, N. Y.	27 Mar. 98	B.	15	9	16	4	3	N. Y.	11 July 61	18 Dec. 62	25 July 66	17 Nov. 82	
George W. Stivers	do	12 Oct. 96	B.	15	8	18	3	3	N. Y.	2 Dec. 61	8 Sept. 63	11 Oct. 66	18 Dec. 85	
James H. Chasmar	Babylon, N. Y.	11 Oct. 98	B.	19	4	13	6	6	N. Y.	7 Apr. 62	2 Feb. 64	1 Jan. 68	27 Jan. 89	
<i>Relative rank of Lieutenant-Commander (3).</i>														
Daniel P. McCartney	Washington, D. C.	10 Nov. 92	B.	16	2	12	3	3	Md.	1 July 61	18 Dec. 62	30 Jan. 65	24 Feb. 74	
Benjamin F. Wood	Mount Vernon, N. Y.	6 Oct. 92	B.	13	7	15	5	5	N. Y.	do.	21 Apr. 63	11 Oct. 66	do.	
George W. Roche	Baltimore, Md.	3 July 96	B.	17	11	12	8	8	Pa.	28 Oct. 62	15 Mar. 64	1 Jan. 68	do.	

CHAPLAINS (5).

Relative rank of Chaplain.	Name	Rank	Place	Date	Age	Service	Chaplain.
William H. Stewart.....	North Easton, Mass.	B.	11 July 83	5	8	0	Mass. 10 Mar. 63
John S. W. Alisco.....	Akron, Ohio	B.	29 Jan. 83	3	10	1	Ohio do
Donald McLaren.....	Brooklyn, N. Y.	B.	7 Mar. 86	7	24	1	N. Y. do
John K. Lewis.....	Dayton, Ohio	B.	18 Mar. 87	7	4	5	N. Y. 29 Nov. 69
Frank B. Rose.....	Swarthmore, Pa.	B.	5 Apr. 86	9	11	4	N. J. 3 Feb. 70

PROFESSORS OF MATHEMATICS (4).

Relative rank of Commander (1).	Name	Rank	Place	Date	Age	Service	Professor.
Henry H. Lockwood.....	Washington, D. C.	B.	18 Aug. 76	2	1	27	Del. c 4 Nov. 41
Simon Newcomb.....	Washington, D. C.	B.	12 Mar. 97	0	0	35	Mass. 21 Sept. 61
Asaph Hall.....	do	B.	15 Oct. 91	0	8	27	Mass. 2 May 63
Luceon F. Prud'homme.....	Annapolis, Md.	B.	1 Sept. 96	0	0	10	Md. d. 20 May 81

NAVAL CONSTRUCTORS (5).

Relative rank of Captain (1).	Name	Rank	Place	Date	Age	Service	Assistant-Naval Constructor.	Naval Constructor.
Samuel H. Poole.....	Washington, D. C.	B.	17 Jan. 89	0	0	22	Mass. 17 May 66	15 Apr. 71
Frank L. Ferriald.....	Berkeley, Cal.	B.	11 Nov. 97	0	0	26	Mass. 4 May 71	12 Mar. 75
William L. Mintonye.....	Navy-yard, New York	B.	4 Dec. 91	0	0	23	N. Y. 3 Aug. 69	do
Robert W. Steele.....	do	B.	13 Apr. 93	0	0	21	N. Y. 24 May 71	13 Mar. 75
John B. Hoover.....	Supt's construction of vessels.	B.	23 June 88	0	0	23	Pa. 29 July 75	10 Oct. 88

a Retired while Chief of Bureau.
 b Third Assistant Engineer. 23 September, 1853, 2 years 10 months.
 c Colonel First Delaware Regiment from 6 May to 8 August, 1861, 3 months; Brigadier-General from 8 August, 1861, to 24 August, 1865, 4 years and 16 days.
 d Two years ten months and twenty-one days in the Army.

CIVIL ENGINEERS (2).

Name.	Present residence or duty.	Retired.	Law Government.		Sea service.		Shore or other duty.		Appointed from—	Entry.	Date of commission.
			Ys.	Ms.	Ys.	Ms.	Ys.	Ms.			
<i>Relative rank of Commander (1).</i>											
Anecito G. Menocal.....	Naval station, San Juan.....	1 Sept. 98 B.	0	0	0	0	20	0	New York.....	15 July 74	15 July 74
<i>Relative rank of Lieutenant-Commander (1).</i>											
Calvin Brown.....	Boston, Mass.....	15 Oct. 81 B.	0	0	0	0	14	0	California.....	12 May 69	18 Feb. 71

BOATSWAINS (4).

Name.	Present residence or duty.	Retired.	Sea service.	Shore or other duty.	Appointed from—	Entry.	Date of commission.	Previous service as enlisted man.		Date of warrant.	
								Ys.	Ms.		De.
John Burrows.....	Mexico, N. Y.....	30 Jan. 80 B.	19	4	7	8	4 Dec. 49	3	6	0	16 June 62
Robert Anderson.....	Honeybrook, Pa.....	14 Feb. 96 B.	12	8	16	7	20 Apr. 67	4	9	12	27 May 67
James Nash.....	North Cambridge, Mass.....	3 June 95 B.	10	10	14	4	28 Aug. 74	4	9	12	28 Aug. 74
John C. Thompson.....	Brooklyn, N. Y.....	10 Oct. 92 B.	3	2	8	11					

GUNNERS (11).

Name.	Present residence or duty.	Retired.	Sea service.	Shore or other duty.	Appointed from—	Entry.	Date of commission.	Previous service as enlisted man.		Date of warrant.	
								Ys.	Ms.		De.
John C. Ritter.....	Brooklyn, N. Y.....	9 Mar. 77 B.	16	11	17	0	13 Sept. 45	3	8	15	23 Nov. 47
Thomas M. Ballard.....	West Sidney, Me.....	28 Nov. 85 B.	8	5	16	0	22 Nov. 55	3	3	4	22 Oct. 57
Thomas P. Venable.....	Washington, D. C.....	25 Aug. 97 B.	11	5	19	0	20 Apr. 57	3	3	4	23 Apr. 58
John Griggs.....	Philly, Pa.....	3 Mar. 95 B.	17	1	13	8	21 May 59	0	2	22	9 Oct. 61
Sherbert H. Cross.....	Philadelphia, Pa.....	16 Oct. 89 B.	18	0	20	3					
William W. Carter.....	Washington, D. C.....	18 Mar. 95 B.	12	0	20	2					
Joseph Smith.....	Philadelphia, Pa.....	11 Dec. 90 B.	10	4	14	9	25 Nov. 61	0	1	14	25 Nov. 61
John G. Foster.....	West Newton, Mass.....	3 Nov. 94 B.	16	1	13	4	14 June 62	0	1	14	14 June 62
George L. Albro.....	Philadelphia, Pa.....	3 Apr. 94 B.	16	2	10	5	11 Sept. 63	12	2	10	11 Sept. 63
James Hayes.....	Brooklyn, N. Y.....	24 Mar. 95 B.	12	1	16	3	9 Feb. 70				
Andrew Harman.....	Brooklyn Heights, N. Y.....	20 Mar. 94 D.	10	1	10	3					

CARPENTERS (10).

Nicholas Mager.....	Philadelphia, Pa.....	9 Nov. 71	B.	14	2	9	5	Pennsylvania.....	9 July 47
Ebenezer Thompson.....	do.....	6 Aug. 79	B.	13	8	11	0	Virginia.....	16 Nov. 49
William D. Toy.....	Brooklyn, N. Y.....	8 May 92	B.	13	8	16	2	Pennsylvania.....	23 Oct. 58
Robert A. Williams.....	Pleito, Cal.....	9 Aug. 90	B.	16	2	11	4	Virginia.....	26 July 59
Augustus O. Goodsoe.....	Kittery, Me.....	17 Dec. 94	B.	12	9	9	9	Maine.....	3 June 61
Joseph E. Cox.....	do.....	21 Apr. 92	B.	15	0	8	9	do.....	9 July 61
Herbert M. Griffiths.....	Navy yard, New York.....	17 Mar. 98	B.	12	3	22	3	Pennsylvania.....	25 Sept. 61
George W. Conover.....	Philadelphia, Pa.....	18 July 95	B.	8	2	15	0	do.....	18 Feb. 70
Goold Northrup.....	Inspection duty, Boston.....	10 Oct. 98	B.	9	7	16	0	Massachusetts.....	16 May 71
Henry Williams.....	Philadelphia, Pa.....	6 Feb. 96	B.	6	0	9	4	Pennsylvania.....	1 June 80

SAILMAKERS (8).

John W. North	Portland, Me.....	15 Oct. 79	B.	16	6	3	6	Massachusetts.....	3 July 49
Daniel C. Brayton.....	Nantucket, Mass.....	17 Feb. 93	B.	17	0	10	8	New York.....	30 Aug. 51
George C. Beerman.....	Melrose, Mass.....	1 Jan. 80	B.	17	10	12	5	do.....	4 Sept. 52
Henry W. Frankland.....	Washington, D. C.....	1 Oct. 84	B.	6	4	5	3	District of Columbia.....	27 Feb. 61
Nicholas Lynch.....	Baltimore, Md.....	12 May 84	B.	14	9	4	10	Maryland.....	3 June 61
Gilbert D. Macy.....	Keyport, N. J.....	16 Sept. 86	B.	12	10	10	0	New York.....	23 June 67
George T. Doncklass.....	Navy yard, New York.....	20 Dec. 88	B.	10	1	18	11	do.....	19 Feb. 70
Truman B. White.....	Brooklyn, N. Y.....	3 Nov. 88	B.	10	5	9	0	do.....	25 Nov. 70

MATES (6).

James W. Baxter	Washington, D. C.....	19 Jan. 95	A.	13	0	17	1	District of Columbia.....	19 Feb. 64
John Griffin.....	Charlestown, Mass.....	17 May 96	B.	3	9	29	4	Massachusetts.....	715 Mar. 67
Hugh Kuhl.....	Norfolk, Va.....	10 June 97	B.	6	8	29	3	New York.....	29 Nov. 69
William W. Beck.....	Chelsea, Mass.....	8 Sept. 94	B.	2	4	20	0	Massachusetts.....	24 Jan. 70
Philip C. Van Buskirk.....	Monroe, Wash.....	4 Mar. 96	B.	14	2	9	10	West Virginia.....	28 Feb. 70
William Boyd.....	Philadelphia, Pa.....	1 Mar. 98	B.	4	5	26	10	Pennsylvania.....	20 Apr. 70

a Mate, 3 July, 1862; Acting Gunner, 4 February, 1863, and 6 March, 1865.
b Acting Gunner, 19 March, 1847; sea service, 3 years 11 months; shore, 2 years 2 months; unemployed, 1 year 1 month.
c Acting Gunner, 25 January, 1863.
d Master's Mate, 19 August, 1841, to June, 1842; Sailmaker, 3 June, 1842, to 3 June, 1844.
e Fourteen years 5 months 8 days in Marine Corps.
f Master's Mate, 20 June, 1861, to 14 February, 1862; Mate, 8 May, 1862; Acting Ensign, 31 August, 1863, honorably discharged, 6 November, 1865.
g Mate, 10 December, 1862; Acting Ensign, 21 August, 1863; resigned, 30 May, 1864.
h Mate, 27 May, 1864; Acting Ensign, 3 December, 1864; honorably discharged, 7 October, 1868.

List of officers of the Navy retired in conformity with the following laws, viz:

- E.—Retired for incapacity resulting from incident of service: act of August 3, 1861, sec. 23, and act of April 1, 1862.
 F.—Transferred from Volunteer Service to retired list: act of February 15, 1879.
 G.—Retired for incapacity for further service at sea: act of February 21, 1861.
 H.—Retired as not recommended for promotion—physical disability—act of April 24, 1864, sec. 4.
 I.—Retired in conformity with act of February 28, 1855, and amendments.
 K.—Retired for disability not incident of service: act of August 3, 1861, sec. 23.
 L.—Transferred from Volunteer Service and retired: act of March 3, 1871.

CAPTAINS (6).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.	Appointed from—
					Ys	Ms		
	Francis Lowry.....	Burlington, Vt.....	a13 Sept. 55	I.	9	9	1	Vt....
	Francis S. Haggerty....	Ticonderoga, N. Y.....	b 5 May 62	E.	17	2	14	3 Pa....
	Theodore F. Kane.....	New York, N. Y.....	20 June 86	E.	14	4	24	7 N. Y....
	John R. Bartlett.....	Lonsdale, R. I.....	12 July 87	E.	14	8	16	1 R. I....
5	George W. Coffin.....	On leave abroad.....	15 Sept. 97	E.	16	10	16	10 Mass..
	Wm. Bainbridge Hoff....	Washington, D. C.....	13 Mar. 97	E.	12	7	19	5 Pa....

COMMANDERS (10).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.	Appointed from—
					Ys	Ms		
	Thomas L. Swann.....	Utica, N. Y.....	10 July 77	E.	8	8	8	1 Md....
	Smith W. Nichols.....	Boston, Mass.....	14 Apr. 82	E.	10	2	10	4 Mass..
	Allan D. Brown.....	Northfield, Vt.....	24 June 91	E.	12	0	14	10 N. Y....
	George T. Davis.....	Asheville, N. C.....	23 Oct. 89	E.	14	2	10	6 Mass..
5	Joshua Bishop.....	Washington, D. C.....	31 Dec. 96	E.	17	5	15	2 Mo....
	George R. Durand.....	Buffalo, N. Y.....	21 Jan. 94	E.	*14	4	*11	9 R. I....
	Francis M. Barber.....	Attaché, Rome, Vienna, and Berlin	28 Dec. 95	E.	13	11	11	0 Ohio..
	Timothy A. Lyons.....	New York, N. Y.....	15 May 97	E.	14	9	17	1 Minn..
10	John J. Brice.....	Washington, D. C.....	1 Feb. 95	E.	*17	4	*11	3 Ohio..
	Benjamin S. Richards..	do.....	30 Apr. 98	E.	14	10	17	7 Pa....

LIEUTENANT-COMMANDERS (21).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.	Appointed from—
					Ys	Ms		
	Antoine R. McNair.....	Saratoga Springs, N. Y.....	26 Oct. 72	E.	7	7	4	6 Mo....
	Charles E. McKay.....	East Orange, N. J.....	25 June 69	E.	6	4	3	4 N. Y....
	Francis O. Davenport..	Detroit, Mich.....	19 Oct. 70	E.	7	11	5	6 Mich..
5	Frederick I. Nalle.....	Norristown, Pa.....	18 Jan. 71	E.	7	3	2	1 Pa....
	Gouverneur K. Haswell.	New York, N. Y.....	23 Nov. 76	E.	7	2	5	3 N. Y....
	George F. Morrison.....	Washington, D. C.....	c1 Feb. 60	K.	4	4	1	9 Ohio..
	Francis H. Sheppard....	St. Andrews Bay, Fla	d27 Apr. 68	H.	3	2	5	11 Mo....
	David C. Woodrow.....	Cincinnati, Ohio.....	4 June 84	K.	12	1	5	11 Ohio..
10	Edward M. Stedman.....	Duty with Omaha Exposition	10 Feb. 75	E.	4	1	5	6 Mass..
	Socrates Hubbard.....	Prize Commissioner, eastern district, N. Y.	18 June 88	E.	13	8	10	0 Mo....
	Leonard Chenery.....	Naval Rendezvous, New York, N. Y.	20 Dec. 81	E.	8	9	8	4 Cal....
	Edward L. Amory.....	Boston, Mass.....	29 June 87	E.	10	10	7	7 Atl'ge
	Holman Vail.....	Recruiting duty	4 Dec. 90	E.	16	0	10	5 Ind....
15	Isaac Hazlett.....	Washington, D. C.....	8 Nov. 86	E.	11	9	7	11 Ohio..
	Frederick A. Miller.....	Brooklyn, N. Y.....	30 Nov. 85	E.	*14	3	*6	10 Md....
	William H. Webb.....	Receiving ship Franklin	26 June 93	E.	*15	4	*1	8 Conn..
	William P. Randall.....	Receiving ship Wabash	e15 Feb. 82	E.	*10	10	*6	10 Mass..
	Robert M. G. Brown.....	Washington, D. C.....	5 Dec. 94	E.	13	3	13	11 W. Va.
20	Theodoros B. M. Mason.	do.....	8 Dec. 94	E.	12	4	13	8 Fla....
	Benj. H. Buckingham..	Cornwall, Pa.....	5 Oct. 98	E.	14	2	17	1 Ohio..
	Arthur P. Osborn†.....	Wheelerburg, Ohio.....	8 Dec. 98	E.	18	9	10	9 Ohio..

* Includes service in Volunteer Navy.

† One year three months and twenty-three days in Volunteer Army.

a Retired as Lieutenant; promoted to Captain, 12 March, 1867.

b Retired as Commander; promoted to Captain, 12 March, 1867.

c Retired as Master; promoted to Lieutenant-Commander, 12 March, 1867.

d Retired as Master; promoted to Lieutenant, 12 March, 1868; Lieutenant-Commander, 26 March, 1868.

e Retired as Lieutenant; promoted to Lieutenant-Commander, 6 August, 1868.

RETIRED LIST.

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- E.—Retired for incapacity resulting from incident of service: act of August 3, 1861, sec. 23, and act of April 1, 1882.
- F.—Transferred from Volunteer Service to retired list: act of February 15, 1879.
- G.—Retired for incapacity for further service at sea: act of February 21, 1861.
- H.—Retired as not recommended for promotion—physical disability—act of April 24, 1864, sec. 4.
- I.—Retired in conformity with act of February 28, 1855, and amendments.
- K.—Retired for disability not incident of service: act of August 3, 1861, sec. 23.
- L.—Transferred from Volunteer Service and retired: act of March 3, 1871.

CAPTAINS (6).

Entry and promotions on the active list.

	Acting Midshipman.	Midshipman.	Passed Midshipman.	Ensign.	Acting Master.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.	Captain.
		3 Aug. 31	23 June 38				4 July 43			
		17 Feb. 32	do				19 Dec. 43		11 Oct. 61	
		27 Sept. 55	9 June 59				31 Aug. 61	22 Sept. 65	28 Dec. 72	19 May 86
		28 Nov. 59	16 July 62		8 Sept. 63		22 Feb. 64	25 July 66	25 Apr. 77	1 July 92
5		20 Sept. 60	do		1 Oct. 63	10 May 66	25 July 66	12 Mar. 68	30 Nov. 78	27 Sept. 93
		24 Oct. 60	do		do	do	21 Feb. 67	do	7 Aug. 81	10 May 95

COMMANDERS (10).

	8 Dec. 56	15 June 60				19 Sept. 61	16 July 62	2 May 66	6 Jan. 74	
	27 Sept. 58						do	25 July 66	26 Apr. 76	
	26 Sept. 60	16 July 62		28 Apr. 63		10 Nov. 65	10 Nov. 66	12 Mar. 68	22 Jan. 80	
5	20 Sept. 60			1 Oct. 63		10 May 66	21 Feb. 67	do	1 Feb. 83	
	20 Sept. 64	11 June 58	19 Jan. 61		614 Apr. 62	23 Feb. 61	19 Apr. 61	1 Mar. 71	25 Aug. 87	
	27 Dec. 61	16 July 62		1 Dec. 66		12 Mar. 68	18 Dec. 68	25 Nov. 87	26 Mar. 89	
	2 Jan. 62	do		do		do	do	13 Jan. 79	31 Mar. 89	
				12 Mar. 68	c23 Mar. 63	18 Dec. 68	21 Mar. 70	16 Dec. 79	4 Aug. 89	
10		22 Oct. 61		do		26 Mar. 69	21 Mar. 71	25 Aug. 87	21 June 96	

LIEUTENANT-COMMANDERS (21).

	Acting Midshipman.	Midshipman.	Passed Midshipman.	Acting Ensign.	Ensign.	Acting Master.	Master.	Lieutenant.	Lieutenant-Commander.
	22 Sept. 56	15 June 60					19 Sept. 61	16 July 62	25 July 66
	29 Sept. 57	1 June 61						do	do
	26 Sept. 56							do	do
5	27 Oct. 59	16 July 62			24 Feb. 63			22 Feb. 64	do
	25 Nov. 59	do			7 Oct. 62			do	do
		5 Nov. 49	12 June 55				16 Sept. 55		
	16 Oct. 61	16 July 62			1 Nov. 66		1 Dec. 66		
	21 Sept. 61	do			do		do	12 Mar. 68	26 Mar. 69
10	27 Sept. 61	do			do		do	do	do
	21 Dec. 61	do			1 Dec. 66		12 Mar. 68	26 Mar. 69	27 Oct. 79
	12 Dec. 61	do			do		do	do	1 Nov. 79
		1 Oct. 62			do		do	do	22 Jan. 81
	28 Sept. 61	16 July 62			do		do	do	15 Oct. 81
15	27 Sept. 61	do			do		do	do	21 Dec. 81
			(d)	24 Apr. 63	12 Mar. 68	17 Jan. 65	18 Dec. 68	21 Mar. 70	15 Apr. 82
				e27 Jan. 64	do		do	do	3 July 82
					do	24 July 61	18 Dec. 68	18 Dec. 68	
		22 July 64			19 Apr. 69		12 July 70	13 Apr. 72	27 Apr. 93
		20 Sept. 64			do		do	20 Nov. 72	23 Jan. 94
20		22 July 65			12 July 70		12 July 71	23 July 74	28 Feb. 96
		31 July 65			do		do	22 Oct. 74	11 Oct. 96

a Out of the service 3 years and 1 month, 8 February, 1868.

b Acting Master's Mate, 28 October, 1861; Acting Volunteer Lieutenant, 27 June, 1866.

c Acting Midshipman, 24 September, 1859; resigned 15 March, 1861; Acting Master's Mate, 23 August, 1861; Acting Ensign, 13 September, 1862.

d Mate, 11 September, 1861.

e Acting Master's Mate, 19 June, 1862.

f Acting Volunteer Lieutenant, 28 May, 1862; Acting Volunteer Lieutenant-Commander, 11 March, 1865.

RETIRED LIST.

LIEUTENANTS (52).

	Name.	Present residence or duty.	Retired.	Law governing re- tirement.	Sea service.		Shore or other duty.		Appointed from—
					Ys	Ms	Ys	Ms	
	Arthur H. Fletcher.....	Receiving ship Franklin.....	11 Oct. 81	K.	8	5	6	0	Ohio..
	Henry R. Baker.....	Watertown, Mass.....	2 Dec. 76	E.	a10	2	a1	10	Mass
	William Waits.....	New York, N. Y.....	31 Jan. 83	E.	7	10	9	1	N. Y.
	John C. Soley.....	Receiving ship Vermont.....	24 Feb. 85	K.	10	9	9	3	Mass
5	William McC. Little.....	Training ship and station, Newport, R. I.....	16 May 84	E.	12	0	6	3	N. Y.
	Charles H. Judd.....	Washington, D. C.....	18 Dec. 85	E.	13	5	6	2	N. Y.
	Douglas Ruben.....	Big Rapids, Mich.....	26 Oct. 77	E.	4	6	3	7	Ohio..
	Frank Turnbull.....	Morristown, N. J.....	10 July 72	E.	0	3	5	1	N. Mex
	Richard M. Lisle.....	Naval Home, Philadelphia, Pa.....	24 Jan. 83	E.	10	3	8	4	Pa.
10	Henry C. Keene.....	Chelsea, Mass.....	20 Mar. 71	L.	a1	11	a8	10	Me
	Jerome E. Morse.....	Brooklyn, N. Y.....	22 July 74	K.	6	7	4	0	Mass
	Charles P. Shaw.....	Alberene P. O., Va.....	4 June 83	E.	9	6	6	2	Va.
	John T. Sullivan.....	Atlantic City, N. J.....	12 May 86	E.	9	4	9	9	N. Y.
	John W. Hagenman.....	Reading, Pa.....	3 May 89	E.	14	4	7	1	Pa.
15	Edwin S. Jacob.....	Bureau of Navigation.....	7 Jan. 85	E.	12	2	9	10	Va.
	William Little.....	Pittsburg, Pa.....	26 June 89	E.	14	2	7	2	Pa.
	Fred'k W. Greenleaf.....	Angusta, Ga.....	30 Apr. 84	E.	13	2	4	8	Minn
	James M. Grimes.....	Peoria, Ill.....	22 May 86	E.	13	7	5	3	Ill
20	Hobart L. Tremain.....	Monticello, N. Y.....	19 May 91	E.	14	3	9	0	S. C.
	Ambrose B. Wyckoff.....	Fifteenth light-house district.....	3 July 93	E.	14	0	10	9	Ill.
	Nathan H. Barnes.....	Tucson, Ariz.....	18 Feb. 91	E.	14	7	8	5	Ill.
	Webster Doty.....	St. Andrews Bay, Fla.....	28 Feb. 87	E.	12	7	4	5	Wis
	Andrew C. McMechan.....	Nebraska City, Nebr.....	29 Oct. 83	E.	10	7	5	5	Nebr
	James Franklin.....	Bureau of Navigation.....	9 Mar. 80	E.	8	3	4	3	Md
25	Charles A. Bradbury.....	Brooklyn, N. Y.....	4 Sept. 96	E.	16	1	13	5	Vt.
	William C. Strong.....	Washington, D. C.....	3 July 96	E.	17	6	7	1	S. of off
	Charles A. Clarke.....	San Diego, Cal.....	15 Sept. 97	E.	17	9	11	11	Iowa
	Harry M. Jacoby.....	Germantown, Pa.....	16 Nov. 83	E.	10	2	4	2	Pa.
30	Samuel L. Graham.....	Navy-yard, Mare Island.....	25 Dec. 93	E.	13	9	11	10	Pa.
	Hanson R. Tyler.....	Vallejo, Cal.....	28 Apr. 96	K.	15	2	11	1	Vt.
	Francis Winslow.....	New Berne, N. C.....	14 Mar. 89	E.	15	3	7	3	S. of off
	Timothy G. C. Salter.....	New York, N. Y.....	26 June 93	E.	15	7	8	4	Nav.ap
	Albert J. Dabney.....	Hydrographic Office.....	30 June 85	E.	9	2	5	6	Ky.
	John Downes.....	Quincy, Mass.....	26 Jan. 91	E.	11	0	10	7	Atl'ge
35	Horace P. McIntosh.....	Bureau of Navigation.....	30 June 92	K.	13	3	10	1	Ind.
	Jeremiah C. Burnett.....	Receiving ship Independence.....	9 May 96	E.	15	4	10	9	Ind.
	Samuel Seabury.....	Bayonne, N. J.....	28 Apr. 96	E.	12	3	13	1	Nav.ap
	Charles D. Galloway.....	Washington, D. C.....	21 Feb. 94	E.	13	7	12	4	Md.
	Frederick H. Lefavor.....	St. Helena, Cal.....	12 Apr. 98	E.	17	3	11	10	Ohio..
40	Charles A. Foster.....	Receiving ship Wabash.....	22 Apr. 95	E.	15	2	11	5	Minn.
	Downs L. Wilson.....	Washington, D. C.....	4 Nov. 95	E.	13	2	14	8	Atl'ge
	Oren E. Lasher.....	Navy-yard, Mare Island, Cal.....	9 Mar. 98	E.	19	1	8	5	N. Y.
	Milton K. Schwenk.....	New York, N. Y.....	14 May 89	E.	13	0	6	4	Colo.
	John W. Stewart.....	Washington, D. C.....	26 May 98	E.	16	0	9	5	Ind.
45	Lucien Flynn.....	Inspection duty, Morris Heights, N. Y.....	24 Jan. 98	E.	14	3	10	3	Tex.
	David Peacock.....	Los Angeles, Cal.....	28 Oct. 97	E.	15	1	10	6	N. J.
	Charles M. McCartney.....	Hydrographic Office.....	10 Dec. 91	E.	9	3	11	5	Pa.
	Edward D. Bostick.....	Washington, D. C.....	8 Oct. 98	E.	14	11	11	1	S. C.
	Ridgely Hunt.....	Morristown, N. J.....	15 Sept. 97	E.	13	11	11	5	La.
50	Nicholas J. L. T. Halpine.....	Br. Hydrographic Office, Boston, Mass.....	4 Nov. 95	E.	10	0	12	3	N. Y.
	Roswell H. Lamson.....	Portland, Oregon.....	15 Apr. 95	E.	5	0	2	7	Oreg.
	Charles S. Ripley.....	Springfield, Mass.....	22 Apr. 98	E.	11	8	8	0	Atl'ge

a Includes service in Volunteer Navy.

LIEUTENANTS (52).

Entry and promotions on the active list.

Acting Midshipman.	Cadet Midshipman.	Midshipman.	Ensign (junior grade).	Ensign.	Master.	Lieutenant (junior grade).	Lieutenant.
21 Nov. 61		16 July 62		1 Dec. 66	12 Mar. 68		22 Mar. 69
(a)				12 Mar. 68	18 Dec. 68		21 Mar. 70
10 Apr. 62		16 July 62		do	26 Mar. 69		do
		20 Sept. 62		do	do		do
		11 Mar. 63		do	do		do
		23 Sept. 62		do	do		do
		do		do	do		do
20 Sept. 61		16 July 62		do	do		do
(b)		25 Sept. 62		do	do		do
		11 Oct. 62		12 Mar. 68	26 Mar. 69		21 Mar. 71
		25 Sept. 63		18 Dec. 68	21 Mar. 70		do
		8 Oct. 62		do	do		do
		21 July 63		do	do		do
		14 Oct. 62		do	do		do
		29 Sept. 63		do	do		do
		29 July 63		do	do		31 Oct. 71
		28 July 63		do	do		26 Dec. 71
		26 Sept. 64		19 Apr. 69	12 July 70		27 Sept. 72
		29 Sept. 64		do	do		25 Oct. 72
		27 July 63		do	do		12 Dec. 72
		27 June 64		do	do		27 Mar. 73
		24 Feb. 63		do	do		6 Jan. 74
		26 Sept. 65		3 Nov. 70	29 Dec. 71		8 Feb. 75
		27 July 65		12 July 70	6 Feb. 72		1 May 75
		22 Sept. 64		19 Apr. 69	12 July 70		14 June 74
		21 July 64		12 July 70	22 Mar. 73		11 July 77
		25 July 66		13 July 71	8 Apr. 74		11 July 80
		do		do	5 June 74		26 Nov. 80
		do		do	19 Sept. 74		29 Mar. 81
		22 July 65		14 July 72	7 Oct. 74		17 May 81
		24 Sept. 66		13 July 72	8 Nov. 74		30 Aug. 81
		1 Oct. 67		14 July 72	6 Apr. 75		16 Feb. 82
	e22 June 67	6 June 71		15 July 74	30 Apr. 75		11 May 82
	e26 June 67	do		14 July 72	27 June 75		22 Oct. 82
	e20 Sept. 67	do		do	2 July 75		18 Nov. 82
	e20 June 67	do		do	20 July 75		9 Jan. 83
	e22 Sept. 68	do		do	9 Dec. 75	3 Mar. 83	25 June 83
	e24 July 68	do		do	9 Mar. 76	do	8 July 83
	e1 Aug. 68	do		do	15 Mar. 76	do	24 Aug. 83
	(d) e26 July 68	do		do	21 Sept. 76	do	1 Dec. 84
	e29 Sept. 68	1 June 72		15 July 73	1 July 78	do	2 Mar. 85
	15 July 70	do		17 July 75	23 Oct. 78	do	31 July 85
	29 Sept. 70	1 June 72		do	12 Mar. 81	do	1 Mar. 87
	7 Oct. 70	do		do	22 Apr. 81	do	6 Mar. 87
	28 Sept. 70	15 Oct. 74		do	1 Oct. 81	do	25 Aug. 87
	22 Sept. 70	21 Sept. 75		18 July 76	20 June 82	do	26 Mar. 89
	26 Sept. 70	21 June 75		21 Sept. 76	9 Jan. 83	1 Dec. 83	15 May 89
	21 Sept. 70	do		25 Nov. 77	do	do	7 Jan. 90
	9 June 71	18 June 79		1 Oct. 81	do	31 Oct. 88	4 July 93
		20 Sept. 58		do	do	do	21 Aug. 62
	24 June 75	10 June 81	3 Mar. 83	26 June 84	do	2 Aug. 91	5 Nov. 65

a Acting Ensign, 11 August, 1862; Acting Master, 6 July, 1864.

b Acting Master, 21 September, 1861; Acting Lieutenant, 17 December, 1862; resigned and reappointed twice in same grade.

c Entered as Midshipman; title changed to Cadet Midshipman, 15 July, 1870.

d Midshipman, 25 September, 1862; resigned, 20 October, 1864.

e Resigned, 6 July, 1866; reappointed, 9 January, 1895.

RETIRED LIST.

LIEUTENANTS (JUNIOR GRADE) (9).

	Name.	Present residence or duty.	Retired.	Law governing re- tirement.	Sea service.		Shore or other duty.	
					Ys.	Ms.	Ys.	Ms.
	Edward E. Bradbury ...	Bradford, Mass	a20 Mar.71	I.	b4	3	b4	2
	Louis R. Chester	Navy-yard, League Island	a3 Mar.73	I.	b2	7	b3	7
	Edward J. Berwind	New York, N. Y.	a14 May 75	E.	4	3	4	2
	Christopher L. Bruns	do	15 June 84	E.	6	10	4	11
5	Alphonso H. Cobb	Special duty	8 Nov. 83	E.	9	6	5	1
	Julius C. Freeman	Bloomington, Ill	23 Apr. 84	E.	6	2	6	4
	Henry F. Reich	Rockville, Md	5 June 85	E.	6	5	5	10
	Richard H. Townley	Navy-yard, Washington, D. C.	29 June 87	E.	5	6	3	5
	Houston Eldredge	Hot Springs, Ark.	4 Nov. 95	E.	12	6	5	10

ENSIGNS (14).

	Charles P. Welch	San Francisco, Cal	8 Nov. 72	E.	2	8	3	10
	William H. E. Masser	Br. Hydro. Office, Portland, Oregon	8 May 76	E.	4	0	4	4
	Robert C. Ray	Washington, D. C.	25 Oct. 83	E.	5	4	4	9
	William L. Varnum	Erie, Pa	20 Nov. 84	E.	7	8	4	6
5	Frank W. Toppan	Navy-yard, New York, N. Y.	29 June 87	E.	5	4	4	4
	Baine C. Dent	Linsley Institute, Wheeling, W. Va.	4 June 90	E.	8	1	5	2
	Edward E. Hayden	Naval observatory, Mare Island	30 June 85	E.	2	7	7	10
	Maurice L. Read	Hendersonville, N. C.	14 June 90	E.	9	5	4	8
10	James B. Cahoon	Elmira, N. Y.	22 June 89	E.	6	1	6	5
	Walter G. Richardson	Bennington, Vt.	do	E.	5	8	7	1
	Henry C. Longnecker	Philadelphia, Pa.	c5 Nov. 72	K.	2	0	4	7
	Creighton Churchill	St. Louis, Mo.	20 June 96	E.	7	1	4	8
	Delworth W. Beswick	Niles, Mich.	do	E.	5	5	5	5
	Renwick J. Hartung	Des Moines, Iowa.	do	E.	3	7	3	8

MEDICAL DIRECTORS (2).

	Relative rank of Captain.							
	Michael Bradley	Philadelphia, Pa.	29 Mar. 95	E.	13	9	13	10
	Adolph A. Hoehling	Washington, D. C.	14 June 95	E.	13	5	17	1

MEDICAL INSPECTORS (6).

	Relative rank of Com- mander.							
	William E. Taylor	San Francisco, Cal.	14 Jan. 81	E.	8	2	10	3
	John C. Spear	Norristown, Pa.	14 Sept. 88	E.	11	7	11	11
	Archibald C. Rhoades	Colorado Springs, Colo.	do	E.	11	7	10	2
	Aaron S. Oberly	Easton, Pa.	24 Jan. 89	E.	10	11	13	8
5	Theoron Woolverton	Suspension Bridge, N. Y.	13 Nov. 91	E.	14	9	10	6
	William H. Jones	Bethlehem, Pa.	21 Jan. 94	E.	b18	3	b11	3

a Retired as Master; title changed, 3 March, 1883.

b Includes service in Volunteer Navy.

c Retired as Midshipman; promoted to Ensign, 26 June, 1884.

LIEUTENANTS (JUNIOR GRADE) (9).

Appointed from—	Entry and promotions on active list.						
	Naval Cadet.	Cadet Midshipman.	Midshipman.	Ensign (junior grade).	Ensign.	Master.	Lieutenant (junior grade).
Massachusetts.....		(a)					
Pennsylvania.....		(b)					
Do.....			21 July 65		12 July 70	24 Mar. 72	
New York.....		c 1 July 67	6 June 71			30 Sept. 76	3 Mar. 83
Michigan.....		c 23 Sept. 67	do		14 July 72	9 Oct. 76	do
Illinois.....		c 4 Oct. 66	do		do	11 July 77	do
Pennsylvania.....		27 Sept. 70	1 June 74		17 July 75	29 Mar. 81	do
Nebraska.....		c 20 June 70	21 June 75		8 Aug. 76	2 July 82	do
At large.....		9 Oct. 76		1 July 83	26 June 84		23 Jan. 94

ENSIGNS (14).

Mississippi.....			29 Sept. 64		19 Apr. 69		
Pennsylvania.....		c 1 Oct. 66	6 June 71		14 July 72		
At large.....		1 Oct. 72	20 June 76		4 June 78		
Pennsylvania.....		5 June 71	do		30 Nov. 78		
Massachusetts.....		22 Sept. 73	18 June 79		22 May 81		
At large.....		5 June 73	4 June 80	3 Mar. 83	26 June 84		
Massachusetts.....		21 June 75	10 June 81	do	do		
South Carolina.....		28 Sept. 74	do	do	do		
Vermont.....		10 June 74	do	do	do		
Massachusetts.....		12 June 76	22 June 82	do	do		
Pennsylvania.....			30 July 64				
Missouri.....		4 Sept. 83			1 July 89		
Michigan.....		d 26 Sept. 83			1 July 90		
Iowa.....		6 Sept. 87			1 July 93		

MEDICAL DIRECTORS (2).

	Assistant Surgeon.	Passed Assistant Surgeon.	Surgeon.	Medical Inspector.	Medical Director.
Pennsylvania.....	1 July 61	22 June 64	12 June 65	6 Dec. 79	19 June 88
Do.....	14 Aug. 61	24 Apr. 65	2 Oct. 67	31 Jan. 85	11 May 93

MEDICAL INSPECTORS (6).

Virginia.....	3 July 59	22 Aug. 62	5 Sept. 62	31 Dec. 76	
Delaware.....	9 May 61	26 Oct. 63	23 June 64	6 Oct. 78	
New Jersey.....	30 July 61	22 June 64	19 Mar. 65	20 Aug. 79	
Connecticut.....	do	do	19 June 66	4 Mar. 84	
Pennsylvania.....	17 July 62	25 Sept. 65	23 Nov. 68	19 June 88	
Do.....	e 12 Aug. 63	24 Dec. 66	5 July 73	14 Nov. 91	

a Yeoman, 14 February to August, 1862; Paymaster's Steward, 5 August, 1862, to 11 August, 1863; Paymaster's Clerk, 19 September to 18 November, 1863, and 6 February to 24 May, 1864; Mate, 20 August, 1864.

b Mate, 23 December, 1862; Acting Ensign, 31 August, 1863.

c Entered as Midshipman, 22 September, 1866.

d Resigned, 4 February, 1884; reappointed, 20 May, 1884.

e Acting Assistant Surgeon, 6 April, 1863.

RETIRED LIST.

SURGEONS (16).

Name.	Present residence or duty.	Retired.	Law Government.		Sea service.		Shore or other duty.		Appointed from—	Entry and promotions on the active list.		
			Ye.	Mo.	Ye.	Mo.	Ye.	Mo.		Assistant Surgeon.	Passed Assistant Surgeon.	
<i>Relative rank of Lieutenant-Commander (6).</i>												
Thomas Hiland.....	Bridgetown, Barbadoes.....	13 Mar. 83	E.						New Hampshire.....	22 Nov. 61	28 June 65	7 June 69
Edward D. Payne.....	Towanda, Pa.....	13 Apr. 76	E.	6	9	3	4		Pennsylvania.....	20 Sept. 61	do	14 Nov. 71
Andrew M. Moore.....	Washington, D. C.....	14 Aug. 93	E.	11	11	3	7		Tennessee.....	19 Apr. 69	24 Feb. 74	1 Apr. 81
John W. Ross.....	Clarksville, Tenn.....	11 May 84	E.	10	0	11	10		do.....	2 Mar. 70	7 May 75	17 Aug. 81
Henry C. Eckstein.....	Philadelphia, Pa.....	10 May 83	E.	a15	0	a12	4		Pennsylvania.....	24 Dec. 62	17 Nov. 73	14 Mar. 83
Alexander F. Magruder.....	Washington, D. C.....	14 Nov. 96	E.	10	6	11	4		District of Columbia.....	21 Apr. 71	18 Dec. 74	8 Jan. 85
<i>Relative rank of Lieutenant (10).</i>												
Henry Stewart.....	Canandaigua, N. Y.....	10 Apr. 84	E.	8	9	2	7		Louisiana.....	22 July 68	10 Feb. 73	6 Oct. 78
James H. Gaines.....	Washington, D. C.....	18 Mar. 91	E.	8	7	6	4		Maryland.....	20 Dec. 73	13 June 77	10 July 83
Howard Smith.....	Monroe, N. C.....	10 Nov. 80	E.	8	8	3	10		North Carolina.....	13 July 71	13 Dec. 75	11 Dec. 83
Homer L. Law.....	Receiving ship Wabash.....	17 Dec. 86	E.	8	11	3	11		Pennsylvania.....	9 July 70	19 June 75	22 Aug. 84
William Martin.....	San Francisco, Cal.....	25 Dec. 93	E.	a6	2	a8	3		Louisiana.....	c14 Apr. 82	1 Oct.	90
Ernest Norlett.....	Roxobel, N. C.....	31 Oct. 92	E.	9	0	7	6		North Carolina.....	21 May 74	10 Dec. 78	26 Sept. 91
Daniel M. Guitaras.....	Sandy Hill, N. Y.....	13 Oct. 96	E.	5	5	11	4		Pennsylvania.....	3 June 79	3 June 82	28 May 95
Arthur G. Cabell.....	Richmond, Va.....	8 Oct. 98	E.	12	7	4	8		Virginia.....	14 Feb. 76	14 Feb. 80	15 June 95
Thomas C. Craig.....	Mem. Ex. Bd., N. Y.....	22 Mar. 97	E.	7	3	8	8		Pennsylvania.....	9 July 81	9 July 84	14 Oct. 96
John W. Baker.....	Aurora, Ind.....	5 Nov. 97	E.	7	3	7	7		Massachusetts.....	6 July 82	6 July 85	21 Jan. 97

PASSED ASSISTANT SURGEONS (10).

<i>Relative rank of Lieutenant (6).</i>												
Frederick Horner, Jr.....	Marshall, Va.....	8 May 61	G.	3	11	0	9		Virginia.....	1 May 51	10 Apr. 56	.....
Francis V. Greene.....	Philadelphia, Pa.....	30 June 79	F.	a7	7	a5	2		Pennsylvania.....	d19 Dec. 62	d14 Aug. 65	.....
Talleyrand D. Myers.....	Marine Rondez., Phila.....	7 Dec. 82	E.	6	11	4	1		do.....	27 Sept. 70	12 Oct. 75	.....
Charles K. Yancy.....	Culpeper, Va.....	21 May 80	E.	4	5	3	0		Virginia.....	1 May 71	12 June 76	.....
Arthur C. Heflinger.....	Portsmouth, N. H.....	20 Oct. 86	E.	6	0	8	2		do.....	19 Mar. 75	3 June 78	.....
George C. Lippincott.....	Salem, N. J.....	17 Dec. 86	E.	5	2	6	8		New Jersey.....	28 Sept. 75	17 Dec. 78	.....
<i>Relative rank of Lieutenant (Junior grade) (9).</i>												
Samuel W. Battle.....	Ashville, N. C.....	23 Apr. 84	E.	4	7	6	2		North Carolina.....	1 Oct. 75	20 May 79	.....
Horace B. Scott.....	Wallingford, Conn.....	31 Oct. 80	E.	3	0	5	5		Connecticut.....	11 June 83	23 Mar. 87	.....
John S. Sayre.....	Monticello, Mo.....	16 Nov. 96	E.	5	9	4	10		New York.....	24 June 84	24 June 87	.....
Lewis H. Stone.....	Washington, D. C.....	10 Feb. 98	E.	4	5	2	5		Connecticut.....	19 June 90	10 June 94	.....

ASSISTANT SURGEONS (7).

Relative rank of Lieutenant (junior grade) (4).	Relative rank of Ensign (5).
Samuel D. Flagg..... Almond O. Leavitt..... Wm. M. Nickerson..... Jeremiah J. Page.....	20 June 64 24 June 62 15 Mar. 74 30 June 79
St. Paul, Minn..... Concord, N. H..... Denver, Colo..... Pomona, Cal.....	H. E. E. F.
2 0 3 a 2	3 0 0 11
0 1 3 6	0 1 1 a 0
New York..... New Hampshire..... Delaware..... Maine.....	30 July 61 do..... 2 Mar. 67 d14 Feb. 74
Charles P. Henry..... James G. Field..... Henry La Motte.....	20 Dec. 69 28 June 63 15 Sept. 97
Philadelphia, Pa..... Receiving ship Richm d. Williamsburg, Mass.....	E. E. E.
1 3 2	4 4 3
0 11 0	0 11 0
Pennsylvania..... Virginia..... New York.....	18 May 86 23 May 87 27 Jan. 92

PAY DIRECTORS (2).

Relative rank of Captain.	Relative rank of Ensign (5).
William W. Williams..... Luther G. Billings.....	9 July 98 14 Mar. 98
Washington, D. C..... Clifton, N. Y.....	E. E.
9 12	6 2
18 16	5 9
Ohio..... N. Y.....	11 July 61 24 Oct. 62
29 Aug. 61 3 Mar. 65	6 Feb. 62 20 Oct. 64
24 Oct. 71 26 Dec. 82	26 Dec. 82 9 Jan. 95

PAY INSPECTORS (2).

Relative rank of Commander.	Relative rank of Ensign (5).
James Hoy..... Francis H. Swan.....	18 Jan. 92 15 July 96
Washington, D. C..... Brookline, Mass.....	E. E.
11 a 8	5 9
11 a 9	11 a 9
N. Y..... Mass.....	5 4
11 Oct. 61 9 Mar. 65	11 Oct. 61 9 Mar. 65
9 Dec. 61	9 Dec. 61
18 Oct. 64 5 Feb. 86	18 Oct. 64 5 Feb. 86

a Includes service in Volunteer Navy.
b Resigned, 31 January, 1866; reappointed Assistant Surgeon, 28 September, 1870.
c Acting Assistant Surgeon, 10 January, 1874; honorably discharged, 30 June, 1879.
d Acting.

PAYMASTERS (11).

Name.	Present residence or duty.	Retired.	Law Government.	Sea service.		Shore or other duty.		Appointed from—	Acting Assistant Paymaster.	Assistant Paymaster.	Passed Assistant Paymaster.	Paymaster.	Pay Inspector.
				Yrs.	Mos.	Yrs.	Mos.						
<i>Relative rank of Lieutenant- ant-Commander.</i>													
George A. Sawyer	New York, N. Y.	29 June 69	E.	3	11	1	1	Vt.	19 Jan. 65	24 Aug. 61	23 July 66	17 Sept. 63	
Charles P. Thompson	Richmond, Va.	24 Feb. 92	c 8	11	c 16	11	c 16	N. Y.	6 Oct. 62	3 Mar. 65	23 July 66	1 Aug. 66	
Robert E. Rodney	Washington, D. C.	8 Sept. 71	K.	3	c 9	3	c 1	Pa.	25 Oct. 63	23 July 66	30 June 69	24 Oct. 69	
John F. Furey	Brooklyn, N. Y.	10 Sept. 95	E.	12	10	c 14	3	N. Y.	24 Dec. 62	23 July 66	12 Apr. 77	24 Oct. 71	
Edward N. Whitehouse	Rogatz, Switzerland	4 Feb. 98	E.	21	5	8	7	Ill.	2 Aug. 64	do	6 Sept. 67	22 Oct. 78	
John R. Carmody	Washington, D. C.	9 Apr. 89	E.	c 7	2	c 12	6	N. Y.	2 Aug. 64	do	5 June 68	22 Oct. 78	
John F. Tarbell	Readville, Mass.	18 Feb. 92	E.	c 11	0	c 10	4	Mass.	28 Jan. 62	21 Feb. 67	16 Sept. 68	3 Apr. 79	
Henry C. Mchette	Redlands, Cal.	13 Aug. 96	E.	c 13	10	c 10	8	Pa.	16 Apr. 64	do	26 Feb. 69	16 June 81	
George H. Read	Shelfield, Mass.	29 Mar. 98	E.	12	11	14	10	Pa.	614 Jan. 65	do	12 Mar. 69	31 Aug. 81	
Henry T. Stanchiff	Washington, D. C.	6 Apr. 94	E.	c 10	11	c 11	4	Conn.	20 Jan. 65	do	19 May 69	2 Apr. 82	
Jonathan Q. Barton	do	14 Aug. 93	E.	c 11	0	c 8	11	Me	30 Jan. 64	2 Mar. 67	10 Feb. 70	29 May 82	

PASSED ASSISTANT PAYMASTER (1).

Name.	Present residence or duty.	Retired.	Law Government.	Sea service.		Shore or other duty.		Appointed from—	Acting Assistant Paymaster.	Entry and promotions on active list.		
				Yrs.	Mos.	Yrs.	Mos.					
<i>Relative rank of Lieutenant- ant.</i>												
Francis J. Painter	West Chester, Pa.	18 May 69	H.	c 4	7	c 0	5	Pennsylvania		17 Feb. 63	23 July 66	

ASSISTANT PAYMASTER (1).

Name.	Present residence or duty.	Retired.	Law Government.	Sea service.		Shore or other duty.		Appointed from—	Acting Assistant Paymaster.	Entry and promotions on active list.		
				Yrs.	Mos.	Yrs.	Mos.					
<i>Relative rank of Lieutenant- ant (junior grade).</i>												
Nicholas H. Stavey	New Rochelle, N. Y.	1 Sept. 76	E.	3	4	2	1	New York				4 Dec. 69

CHIEF ENGINEERS (20).

RETIRED LIST.

Relative rank of Commander (8).	Relative rank of Lieutenant-Commander (10).	Relative rank of Lieutenant (9).	Chief Engineer.	Passed Assistant Engineer.	First Assistant Engineer.	Second Assistant Engineer.	Third Assistant Engineer.	Appointed from—	Years of Service	Chief Engineer.	
Henry W. Fitch	Washington, D. C.	14	11	18	9	Mass	3 May 59	20 May 63	3 Oct. 61	24 Feb. 74	4 Mar. 71
Frederick G. McKean	do	16	0	15	1	Md	21 Feb. 61	1 Dec. 64	21 Apr. 63	1 Dec. 64	25 Nov. 77
Isaac R. McNary	New York, N. Y.	17	0	13	0	N. Y.	13 May 61	30 Jan. 65	19 Feb. 63	do	14 Dec. 78
Gilbert M. L. McCuey	Cambridge, Mass.	17	4	13	1	Mass	8 July 61	do	18 Dec. 62	do	16 Sept. 81
John L. D. Borthwick	Erie, Pa.	23	9	8	1	Pa	8 Oct. 61	do	do	do	7 Sept. 85
Absalom Kirby	Washington, D. C.	18	3	12	1	D. C.	3 Oct. 61	do	3 Aug. 63	do	2 Dec. 86
George E. Tower	do	17	0	13	2	Ohio	17 Jan. 62	do	1 Oct. 63	do	30 June 87
Conrad J. Habighurst	Philadelphia, Pa.	19	9	12	1	Md	23 June 63	do	2 Sept. 65	do	2 Mar. 92
<i>Relative rank of Lieutenant-Commander (10).</i>											
Henry Mason	Plymouth P. O., Conn.	4	3	2	2	Conn	23 Mar. 48	do	13 Sept. 49	do	21 May 63
Edward B. Latch	Academy, Pa.	11	9	4	3	Pa	20 Sept. 58	do	8 Oct. 61	do	21 Mar. 70
George W. Sonner	Navy Yard, Norfolk	11	4	5	3	Md	22 Oct. 60	do	1 Nov. 61	do	17 June 74
George W. Magee	Brooklyn, N. Y.	14	4	14	5	N. Y.	4 Apr. 61	do	16 Jan. 63	do	11 June 76
Burdett C. Gowing	do	17	2	7	10	N. Y.	21 Sept. 61	do	30 July 63	do	18 Feb. 86
David P. Jones	Inspection duty	12	11	13	6	Pa	25 Mar. 62	do	1 Nov. 63	do	9 Jan. 89
Edward A. Magee	Brooklyn, N. Y.	19	2	11	8	N. Y.	27 June 62	do	21 Nov. 63	do	28 Feb. 89
Jefferson Brown	New York, N. Y.	14	6	7	9	N. Y.	17 Dec. 62	do	8 Apr. 64	do	19 Nov. 90
Herschel Main	Washington, D. C.	14	8	12	1	D. C.	6 June 68	do	2 June 69	do	11 Nov. 92
Robert R. Leitell	Brooklyn, N. Y.	10	3	8	7	Md	7 Oct. 71	do	23 Jan. 74	do	3 pt. 94
<i>Relative rank of Lieutenant (9).</i>											
Robert W. Galt	Williamsburg, Va.	14	0	10	7	Va	do	do	12 Oct. 71	do	26 Dec. 94
William B. Dunning	San Francisco, Cal.	13	8	9	6	N. Y.	do	do	9 July 78	do	28 July 97

* Three months and 8 days in Volunteer Army.
a Paymaster's Clerk, 1 October, 1859; sea service 6 months.

b Captain's Clerk, 14 October, 1861; sea service 8 months.

c Includes service in Volunteer Navy.

d Resigned, 14 November, 1853; sea service, 3 years 7 months and 16 days; shore duty, 1 year 5 months and 26 days; reappointed First Assistant Engineer, 31 May, 1861.

e Acting Third Assistant Engineer, 10 October, 1866; Assistant Engineer, 24 February, 1874.

f Cadet Engineer.

g Assistant Engineer.

RETIRED LIST.

PASSED ASSISTANT ENGINEERS (36).

Name and relative rank.	Present residence or duty.	Retired.	Law retirement.		Sea service.		Shore or other duty.	Appointed from—	Entry and promotions on active list.										
			Lay retirement.		Sea service.				Cadet Engineer. (*)	Third Assistant Engineer.	Second Assistant Engineer.	Assistant Engineer.	First Assistant Engineer.	Passed Assistant Engineer.					
			Ya.	Mc.	Ya.	Mc.													
<i>Relative rank of Lieutenant (37).</i>																			
Robert H. Gunnell	Washington, D. C.	23 July 73	E.					D		17 Feb. 60	27 June 62				1 Mar. 64				
Alexander V. Fraser	Brooklyn, N. Y.	24 Mar. 74	E.	6				N. Y.	C		21 Sept. 61				15 Oct. 63				24 Feb. 74
Calish E. Lee	Kavanaugh, Wis.	2 Dec. 76	E.	1				N. Y.			16 Jan. 63				1 Jan. 65				
John D. Tappin	Newark, N. J.	31 May 67	E.	3				N. Y.			18 Dec. 62								
5	Robert B. Pette	Chillingham, Minn.	E.	3				P. A.			do								
Charles H. Greenleaf	Chillingham, Mass.	18 July 65	E.	2				N. Y.			3 Aug. 63				11 Oct. 66				24 Feb. 74
Benjamin K. Braunsch	Baltimore, D. C.	21 Apr. 80	E.	7				D. C.			3 May 62				1 Jan. 68				24 Feb. 74
Edwin T. Brunett	Baltimore, Md.	21 June 84	E.	12				Md.			20 Mar. 62				do				do
John J. Bissett	Paterson, N. J.	21 June 84	E.	6				N. J.			30 May 62				do				do
John J. Blythe	New York, N. Y.	28 Oct. 74	E.	1				P. A.			17 Nov. 62				do				do
Henry C. Barry	N. Y. U. of New York.	28 Oct. 74	E.	2				P. A.			8 Dec. 62				do				do
James P. Barry	Disposition duty.	12 Jan. 91	E.	12				Md.			do				do				do
Levi T. Stafford	Disposition duty.	14 Sept. 91	E.	10				N. Y.			do				do				do
James W. Holtman	P. S. P. Astor, Newport	11 Oct. 81	E.	7				N. Y.			do				6 June 68				do
15	Jonathan M. Emanuel	N. Y. U. Independence	E.	15				P. A.			25 Aug. 62				20 Feb. 64				do
John C. Kifer	New York, League Id.	18 Apr. 88	E.	10				N. J.			19 Jan. 63				28 May 64				do
Charles H. Manning	New York, N. H.	14 June 84	E.	9				Md.			28 July 66				26 Oct. 72				do
Willis A. H. Allen	Swartmore, Pa.	14 June 90	E.	11				P. A.			21 Apr. 63				do				do
20	David M. Fuller	Navy Yard, Norfolk	E.	10				P. A.			28 Sept. 64				22 Nov. 72				do
William J. Bailie	Navy Yard, Norfolk	26 Apr. 85	E.	14				P. A.			do				9 Dec. 72				do
George S. Gates	Philadelphia, Pa.	30 June 85	E.	14				Md.			15 Jan. 63				31 Jan. 74				do
John T. Tobin	Philadelphia, Pa.	7 June 84	E.	9				Md.			10 Oct. 66				24 Feb. 74				do
John T. Smith	Washington, D. C.	20 Oct. 86	E.	8				Mass.			4 Oct. 77				29 Oct. 77				do
25	Robert Taylor	Navy Yard, Norfolk	E.	10				Mass.			212 Mar. 63				6 June 69				do
Robert Crawford	Regiment Richmond	22 Feb. 75	E.	4				D. C.			21 Apr. 63				26 Oct. 72				do
Charles F. Nagle	Williamson School, Pa	30 June 92	E.	13				Md.			23 June 63				22 Nov. 72				do
	Brooklyn, N. Y.	28 July 92	E.	3				N. Y.			3 Aug. 63				31 Jan. 73				do
<i>Relative rank of Lieutenant (Junior Grade) (39).</i>																			
Carlton A. Uher	Virginia Beach, Va	227 Mar. 67	E.	1				Md			17 Mar. 63				24 Feb. 74				do
John W. Saville	Baltimore, Md.	31 Feb. 71	E.	6				Md			28 Oct. 62				15 Mar. 64				do
30	Lucius W. Foster	Recruiting duty	E.	7				N. J.			1 Oct. 71				23 Jan. 74				do
Wmace E. Fink	Philadelphia, Pa.	20 June 67	E.	8				P. A.			1 Oct. 72				17 Mar. 82				do
William F. King	Hagerstown, Md.	18 Mar. 67	E.	10				Md			1 Oct. 72				10 Jan. 87				do
25	William F. Wilmer	Annapolis, Md.	E.	8				Md			13 Sept. 77				20 June 80				do
John B. Day	Walters Park, Va	5 May 68	E.	8				N. Y.			do				1 July 84				do
Andrew M. Callister	Brooklyn, N. Y.	14 Nov. 66	E.	7				N. Y.			do				9 May 85				do
35	Walter S. Burke	Cambridge, Mass.	E.	5				Ill.			17 May 83				12 Dec. 92				do
		30 Apr. 97	E.	11															do

* Title changed to Naval Cadet, 5 August, 1882.
 † Retired as First Assistant Engineer, title changed to Passed Assistant Engineer, 24 February, 1874.
 ‡ Retired as Third Assistant Engineer, promoted to Second Assistant Engineer, 24 July, 1867.
 § Retired as Third Assistant Engineer, promoted to First Assistant Engineer, 24 July, 1867.
 ¶ Retired as Second Assistant Engineer, 24 February, 1874.
 †† Retired as Second Assistant Engineer, 19 June, 1884.
 ‡‡ Ensign 1 July, 1889, to 12 December, 1892.
 §§ Retired as Second Assistant Engineer, 24 February, 1874.
 ¶¶ Retired as Third Assistant Engineer, 24 July, 1867.
 ††† Retired as Second Assistant Engineer, 26 March, 1872; 5 months and 1 day in the Army.
 ‡‡‡ Retired as Third Assistant Engineer, 24 February, 1874.
 §§§ Retired as Second Assistant Engineer, 17 June, 1870.
 ¶¶¶ Retired as Second Assistant Engineer, 19 June, 1884.

ASSISTANT ENGINEERS (31).

RETIRED LIST.

Name and relative rank.	Present residence or duty.	Retired.	Last Government.	Sea Service.		Shore or other duty.	Appointed from—	Entry and promotions on active list.			
				Ys.	Ms.			Cadet Engineer.	Third Assistant Engineer.	Second Assistant Engineer.	Assistant Engineer.
<i>Relative rank of Lieutenant (junior grade) (20).</i>											
Henry D. Sellman.....	Baltimore, Md.....	a17 Nov. 71	E.	7	5	9	Md.	19 July 61	18 Dec. 62	18 Dec. 62	.....
Frederick G. Coggin.....	Lake Linden, Mich.....	a5 Jan. 66	E.	3	1	0	N. H.	21 Sept. 61	30 July 63	30 July 63	.....
Alexander H. Price.....	Baltimore, Md.....	a28 Oct. 72	E.	5	3	1	Md.	8 Oct. 61	3 Aug. 63	3 Aug. 63	.....
Howard D. Potts.....	Harrisburg, Pa.....	26 Oct. 74	K.	9	1	0	Pa.	16 Nov. 61	25 Aug. 63	25 Aug. 63	24 Feb. 74
Joseph S. Greene.....	Watertown, N. Y.....	a24 May 67	E.	3	1	0	N. Y.	28 Feb. 62	15 Oct. 63	15 Oct. 63	.....
Daniel A. Sawyer.....	Carlisle, Pa.....	a22 Jan. 66	E.	2	6	0	Pa.	6 Oct. 62	15 Mar. 64	15 Mar. 64	.....
George W. Beard.....	Baltimore, Md.....	31 Feb. 66	E.	1	7	0	Md.	25 Mar. 62	28 Sept. 64	28 Sept. 64	.....
James W. Patterson.....	Philadelphia, Pa.....	a21 Oct. 69	E.	5	7	1	Pa.	21 Apr. 63	25 July 66	25 July 66	24 Feb. 74
John J. Ryan.....	Chicago, Ill.....	a23 Oct. 74	E.	7	7	1	Pa.	20 May 63	.....	.....	.....
Julius A. Kaiser.....	Philadelphia, Pa.....	8 July 73	E.	5	11	2	D. C.	8 Sept. 63	.....	.....	24 Feb. 74
James G. Littig.....	Baltimore, Md.....	14 July 74	E.	6	10	1	Md.	3 Aug. 63	1 Aug. 66	1 Aug. 66	.....
Francis C. Burchard.....	Philadelphia, Pa.....	24 Apr. 77	E.	5	10	2	Pa.	98 Mar. 65	1 Jan. 68	1 Jan. 68	.....
William G. McEwan.....	.....	24 May 75	E.	0	0	10	N. Y.	c24 Mar. 65	7 June 70	7 June 70	.....
William H. Platt.....	.....	3 Nov. 77	E.	9	5	8	Pa.	.....	1 Sept. 70	1 Sept. 70	.....
Jabez Burchard.....	Flushing, N. Y.....	26 Oct. 74	E.	5	1	3	Pa.	.....	a25 Feb. 71	a25 Feb. 71	.....
Henry E. Rhoades.....	Philadelphia, Pa.....	30 Dec. 74	K.	5	1	0	N. Y.	.....	1 Mar. 71	1 Mar. 71	.....
George C. Drinon.....	New York, N. Y.....	19 Oct. 75	E.	0	7	0	N. Y.	.....	7 Nov. 71	7 Nov. 71	.....
Edward F. McElmeil.....	Philadelphia, Pa.....	1 Nov. 78	E.	5	9	0	Pa.	.....	21 July 58	a21 Sept. 61	.....
Michael H. Plunkett.....	Baltimore, Md.....	22 June 74	E.	4	10	1	Md.	.....	.....	.....	.....
Chas. W. Livermore.....	Union Iron Works.....	16 Nov. 82	E.	4	10	1	N. H.	.....	.....	.....	26 Feb. 75
Henry C. Baughman.....	Philadelphia, Pa.....	15 July 86	E.	6	4	2	Pa.	.....	13 Oct. 75	13 Oct. 75	18 Feb. 75
John A. Henderson.....	Bureau Steam Engineering.....	20 Nov. 84	E.	1	11	1	Pa.	.....	3 July 76	3 July 76	.....
Wilmer O. Chrisman.....	Navy yard, New York.....	23 June 87	K.	5	11	1	Pa.	.....	18 May 77	18 May 77	.....
John D. Sloane.....	St. Paul, Minn.....	30 June 85	E.	5	8	1	N. H.	.....	7 June 77	7 June 77	.....
Joseph L. Wood.....	Ivy Depot, Va.....	11 Nov. 93	E.	5	8	7	Va.	.....	14 Sept. 76	14 Sept. 76	1 June 82
<i>Relative rank of Ensign (6).</i>											
Benjamin H. Warren.....	Pittsburg, Pa.....	11 June 78	K.	1	9	2	Pa.	.....	1 Oct. 71	1 Oct. 71	26 Feb. 75
William Stuart Smith.....	Inspection duty.....	31 Oct. 90	E.	4	6	5	Pa.	.....	13 Sept. 77	13 Sept. 77	1 July 83
Robert Stewart, Jr.....	Brooklyn, N. Y.....	17 June 92	E.	3	9	4	Mich.	.....	.....	.....	.....
William H. F. Creighton.....	New Orleans, La.....	26 July 92	E.	6	2	7	Ohio	.....	1 Oct. 78	1 Oct. 78	1 July 84
Robert E. Carney.....	Navy yard, Mare Island.....	31 Dec. 96	E.	5	6	6	Wis.	.....	a21 May 85	a21 May 85	1 July 91
George H. Shepard.....	Ithaca, N. Y.....	8 Jan. 98	E.	5	5	4	Wis.	.....	a27 Sept. 87	a27 Sept. 87	1 July 93

* Includes service in Volunteer Navy.
 † Three months and five days in Volunteer Army.
 a Retired as Second Assistant Engineer; promoted, 24 February, 1874.
 b Retired as Third Assistant; promoted to Second Assistant, 24 July, 1867; Assistant, 24 February, 1874.
 c Acting.
 d Resigned, 9 May, 1865.
 e Acting Third Assistant Engineer, 11 February to 3 October, 1865, and 19 December, 1866, to 23 April, 1869.
 f Naval Cadet.
 g Acting Third Assistant Engineer, 24 December, 1863.

CHAPLAINS (2).

Name.	Present residence or duty.	Retired.	Law retirement.		Sea service.		Shore or other duty.		Appointed from—	Chaplain.
			Yrs.	Mo.	Yrs.	Mo.	Yrs.	Mo.		
<i>Relative rank of Captain.</i> James J. Kane	New York, N. Y.	30 Oct. 86	E.	3	5	7	8	7	New York.	a 6 June 68
George A. Crawford	Boston, Mass.	2 Mar. 89	E.	6	8	4	4	4	Maine	10 May 70

PROFESSOR OF MATHEMATICS (1).

<i>Relative rank of Commander.</i> John M. Rice	Northboro, Mass.	20 Oct. 90	E.	0	0	17	7	7	Maryland	Professor. 26 Mar. 73
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NAVAL CONSTRUCTOR (1).

<i>Relative rank of Captain.</i> Thomas E. Webb	Port Washington, N. Y.	18 June 88	E.	0	0	22	7	7	New York	Assistant Naval Con- structor. 27 Feb. 65	17 June 68
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CIVIL ENGINEER (1).

<i>Relative rank of Lieutenant-Commander.</i> Thomas C. McCollom	Philadelphia, Pa.	1 June, 97	E.	0	0	12	6	6	Pennsylvania	Civil Engi- neer.	26 Oct. 81
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BOATSWAINS (12).

Name.	Present residence or duty.	Retired.	E.	Previous service as enlisted man.		Date of warrant.				
				Yrs.	Mo.					
John A. Brisco	Tunis, Md.	18 June 88	E.	14	9	9	9	9	Massachusetts	24 Mar. 58
William Long	Marblehead, Mass.	29 Oct. 83	E.	9	11	11	6	1	New York	8 May 61
William Jones	South Boston, Mass.	10 Dec. 83	E.	3	10	2	8	8	Massachusetts	31 July 66
Thomas Savage	Recruiting duty	8 Nov. 86	E.	9	5	4	10	4	California	12 Oct. 71
Peter Johnson	Receiving ship Franklin	30 June 85	E.	8	10	4	2	6	Virginia	23 Nov. 71
Alexander Mack	New London, Conn.	20 Dec. 89	E.	2	11	11	11	11	Massachusetts	5 June 72
Edwin Crissey	Fairburn, Ga.	29 Dec. 94	E.	5	5	2	10	0	Florida.	4 Jan. 73
John H. Brown	Baltimore, Md.	14 June 85	E.	5	1	1	8	7	Maryland	8 1/2 Mar. 77

RETIRED LIST.

10	Xavier Ferrimon Woodward Carter William Tracy Patrick H. Burns	Washington, D.C. Philadelphia, Pa. San Diego, Cal. Navy-yard, New York	E. E. E. E.	11 Nov. 97 15 Feb. 97 10 Dec. 88 6 June 88	7 6 3 3	1 11 0 0	11 7 7 0	0 7 10 9	Dist. Columbia Pennsylvania Virginia New York	3 16 9 11	1 9 4 21	18 Apr. 79 18 Apr. 79 do do
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GUNNERS (19).

	Sea service.	Shore or other duty.		Appointed from—		
		Ys.	Ms.	Ys.	Ms.	
5	William J. Ferguson Elisha J. Beacham T. Bassoon George W. Watkins William E. Devlan William A. Ferrier William E. Webber Samuel Cross Cornelius Cronin Carrington A. Young John Russell John Westfall Horace F. Yewell Henry J. Fressell Peter Hanley	7 June 82 10 Feb. 83 15 Feb. 83 15 Mar. 82 19 Nov. 83 26 Jan. 83 22 May 89 22 July 81 10 Dec. 83 29 Feb. 82 20 June 87 16 June 88 10 Aug. 86 10 Dec. 83 26 July 82 21 Feb. 94 24 June 85 20 Oct. 98	8 4 8 6 11 11 14 *9 6 6 11 *10	23 7 4 9 10 13 13 *3 6 10 15 12 4 6 3 1 1 2 7	District of Columbia do do do do do Maryland District of Columbia Pennsylvania California Virginia District of Columbia Michigan District of Columbia do do New York Maryland New York New York	69 60 60 61 61 61 61 70 70 72 72 73 75 75 75 86 86 89 89 89

CARPENTERS (13).

	Sea service.	Shore or other duty.		Appointed from—		
		Ys.	Ms.	Ys.	Ms.	
5	John W. Stimson George E. Anderson Leonard Hanscom Henry R. Philbrick John L. Davis Thomas McGlone Nathan H. Jenkins Benjamin E. Fernald George W. Davis Arthur W. Massey Solon H. Maloon William L. Maples Kaen M. A. Mahony	28 Jan. 76 30 Nov. 85 8 May 83 11 Oct. 89 19 May 91 6 Apr. 94 13 Nov. 96 7 Nov. 94 15 Sept. 97 20 June 96 27 Aug. 94 6 Dec. 95 2 Mar. 98	9 11 6 6 9 11 8 6 6 6 5 5 3	0 3 14 7 5 10 12 14 4 4 2 8 10	Maine Massachusetts Maine do Pennsylvania New York Massachusetts do Pennsylvania New York Massachusetts District of Columbia Massachusetts	62 61 66 66 69 70 70 72 72 72 74 75 80 81

* Includes service in Volunteer Navy. a Mate, 8 August, 1861; Acting Ensign, 28 October, 1862; sea service, 3 years 11 months; shore duty, 1 month, 24 February, 1865. c Mate, 12 September, 1862; Acting Ensign, 25 January, 1864; sea service, 2 years 9 months; shore duty, 2 years 11 months. d Acting Boat-swain, 7 January, 1850; Acting Gunner, 21 November, 1853; Resigned, 26 July, 1864; Acting Master, 27 July, 1864; Honorably discharged 21 December, 1866; 21 December, 1866. e Acting Gunner, 19 March, 1863. f Mate, 9 July, 1860; sea service, 7 years 4 months. g Mate, 14 September, 1866. h Acting Gunner, 13 September, 1862; 5 years 8 months. i Carpenter, 8 July, 1861; 4 years 8 months. j Acting Carpenter, 12 May, 1866; 11 months; sea service.

SAILMAKERS (6).

Name.	Present residence or duty.	Retired.	Law governing	Sea service.		Shore or other duty.	Appointed from—	Entry and promotion on active list.	
				Ys.	Ms.			Previous service as enlisted man.	Date of warrant.
William M. Howells.....	Boston, Mass.	20 Nov. 83	E.	10	6	0	New Hampshire.		13 June 61
Alexander W. Stephens.....	Pikesville, Md.	10 Dec. 83	E.	4	0	1	Maryland.....		15 Aug. 73
William Redstone.....	San Francisco, Cal.	13 Oct. 86	E.	6	8	11	California.....		17 Jan. 76
Herman Hansen.....	Recruiting duty, Chicago, Ill.	24 Oct. 88	E.	3	8	3	Illinois.....		.....do.....
Charles E. Tallman.....	Recruiting-ship Wash.	23 Oct. 88	E.	7	2	9	Maine.....	2	9 Jan. 77
George F. Barnes.....	Portsmouth, Va.	11 Feb. 98	E.	4	4	8	Virginia.....	6	24 Feb. 78

MATES (7).

Thomas W. Bonnall.....	Glen Olden, Pa.	20 June 96	E.	9	8	20	Pennsylvania.....		26 Nov. 60
Robert Robinson.....	Newport, R. I.	15 Apr. 97	E.	4	1	37	Louisiana.....		23 Dec. 62
Frank Heller.....	Palmyra, N. J.	27 Dec. 94	E.	0	0	20	New York.....		17 Apr. 66
William G. Smith.....	Annapolis, Md.	25 May 97	E.	2	8	5	do.....	6	20 Oct. 66
Sammel Gee.....	Anacostia, D. C.	10 Sept. 95	E.	3	4	21	District of Columbia.		12 Nov. 69
Silas T. C. Smith.....	Providence, R. I.	23 Dec. 94	E.	2	9	13	Pennsylvania.....	4	3 Dec. 69
James Hill.....	Port Norfolk, Va.	18 Sept. 97	E.	1	7	25	do.....	4	0 Mar. 70

Retired under the first section of the act of April 21, 1864, as not recommended for promotion.

CAPTAIN (1).

Name.	Present residence or duty.	Retirement and subsequent promotions.	Present residence or duty.	Sea service.		Shore or other duty.	Appointed from—	Entry and promotions on the active list.								
				Ys.	Ms.			Midshipman.	Passed Midshipman.	Lieutenant.	Lieutenant-Com-mander.	Com-mander.	Captain.			
Thomas G. Corbin.....	Philadelphia, Pa.	5 Jan. 74		21	3	7	3	Ala.....	15 May 38	20 May 44	15 July 51	10 June 52			16 July 62	25 July 66

COMMANDERS (2).

Greenleaf Cilley.....	Buenos Ayres, South America	18 Mar. 65	12 Mar. 67	18	2	0	7	Me.....	26 Feb. 41	10 Aug. 47	14 Sept. 55	15 Sept. 55	16 July 62			
Frederick R. Smith.....	Binghamton, N. Y.	.....	18 June 92	10	4	5	4	Me.....	.....	.....	.....	1 Aug. 62	25 July 66	6 Apr. 76		

LIEUTENANT (1).

Name.	Present residence or duty.	Retirement and subsequent promotions.		Sea service.		Shore or other duty.	Appointed from—	Entry and promotions on the active list.					
		Lieutenant (junior grade).	Lieutenant.	Ys Ms	Ys Ms			Acting Midshipman.	Midshipman.	Ensign.	Master.	Lieutenant.	
George M. McClure	Poland, Ohio			9 Nov. 68		5 4 3 7	Pa.....	29 Sept. 59	16 July 62	1 Oct. 63	10 May 66	21 Feb. 67	

LIEUTENANT (JUNIOR GRADE) (1).

Frederick E. Upton	Washington, D. C.					2 9 0 6	Me.....	10 Nov. 64		19 Apr. 69	12 July 70	
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PAY INSPECTOR (1).

Relative rank of Commander.	Name.	Pay Inspector.	Brooklyn, N. Y.	*10	3 *14	6 N. Y.	19 Sept. 62	23 July 66	13 June 63	18 Jan. 81
	John H. Stevenson		Brooklyn, N. Y.				19 Sept. 62	23 July 66	13 June 63	18 Jan. 81

PASSED ASSISTANT ENGINEER (1).

Relative rank of Lieutenant.	Name.	Brooklyn, N. Y.	*10	8	2	8 N. Y.	20 May	57 17 Dec.	62 2 Aug.	59
	Benjamin C. Bampton	Brooklyn, N. Y.					20 May	57 17 Dec.	62 2 Aug.	59

* Includes service in Volunteer Navy.
 a Mate, 27 April 1865; honorably discharged, 24 December, 1868.
 b Mate, 5 May, 1863; honorably discharged, 21 December, 1865.
 c Acting Midshipman, 24 September, 1858.
 d Master; title changed to Lieutenant (junior grade), 3 March, 1883.
 e Resigned, 15 October, 1870; reappointed Master, 3 December, 1872.
 f First Assistant Engineer; title changed to Passed Assistant Engineer, 24 February, 1874.

Retired for incompetency or disability proceeding from other causes not incident to the service, in conformity with the twenty-third section of the act of August 3, 1861.

COMMANDER (1).

Name.	Present residence or duty.	Retirement and subsequent promotions.		Sea service.		Shore or other duty.	Appointed from—	Cadet Midshipman.	Acting Midshipman.	Midshipman.	Ensign.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.	
		Lieutenant-Commander.	Commander.	Ys	Ms											Ys	Ms
Augustus G. Kellogg.	Washington, D. C.		15 Dec. 91	14	6	13	1	Ill.		21 Sept. 60		28 Aug. 63	10 Nov. 65	22 Feb. 64	25 July 66	11 July 80

LIEUTENANT-COMMANDER (1).

Charles W. Tracy	Navy-Yard, Boston	22 Oct. 78	10	11	5	1	Pa.		27 Oct. 59	16 July 62	10 Dec. 62			22 Feb. 64	16 July 66	
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ENSIGN (1).

George E. Hutter	Lynchburg, Va.	3 Feb. 82	5	7	3	7	Va.	21 June 70		1 June 74	17 July 75					
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ASSISTANT PAYMASTER (1).

Name and relative rank.	Present residence.	Retire- ment.	Sea service.		Shore or other duty.		Appointed from—	Entry and promotions on the active list.			
			Ys.	Ms.	Ys.	Ms.		Acting Assistant Paymaster.	Assistant Paymaster.	Passed Assistant Paymaster.	
<i>Relative rank of Lieutenant (junior grade).</i> Jacob D. Doyle	Chicago, Ill.....	28 Feb. 89	3	11	3	11	District of Columbia			16 June 80	

MARINE CORPS.

MARINE CORPS.

COLONEL COMMANDANT.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.		Unemployed.		Appointed from—
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms	
	2001	Charles Heywood	Headquarters, Washington.	30 Jan. 91	July 76	0	0	8	7	31	2	0	0	N. Y. .

GENERAL STAFF (5).

	2002	Green Clay Goodloe, a Major and Paymaster.	Headquarters, Washington.	17 Mar. 77	Dec. 76	0	0	4	8	627	3	0	0	Ky ...
	2003	George C. Reid, Major, Adjutant, and Inspector.	Headquarters, Washington.	28 May 94	June 92	0	0	9	1	25	5	0	0	Ohio ..
	2004	Frank L. Denny, Major and Quartermaster.	Headquarters, Washington.	27 June 97	Oct. 89	0	0	5	6	13	0	0	0	Ind ...
	2005	Thomas C. Prince, Captain and Assistant Quartermaster.	Assistant Quartermaster's office, Philadelphia.	1 July 97	Feb. 96	0	0	7	9	12	9	0	0	Ohio ..
5	2006	Charles L. McCawley, Captain and Assistant Quartermaster.	Headquarters, Washington.	23 July 97*	Aug. 98	0	4	0	4	1	2	0	0	D. C. ..

COLONELS (2).

	2007	James Forney	Marine Barracks, Navy-yard, League Island.	31 Dec. 97	Apr. 86	0	0	7	7	30	3	0	0	Pa.....
	2008	Robert W. Huntington c.	Marine Barracks, Navy-yard, New York.	15 Mar. 98*	Aug. 98	0	1	12	7	625	1	0	0	Conn.

LIEUTENANT-COLONELS (2).

	2009	Percival C. Pope, d.....	Marine Barracks, Navy-yard, Boston.	26 Mar. 98*	June 98	0	0	68	6	29	0	0	0	N. H. .
	2010	Robert L. Meade, e.....	Marine Barracks, Navy-yard, Portsmouth.	29 Dec. 97	Aug. 98	0	1	614	7	625	4	0	8	Tenn..

a Acting Regimental Adjutant Fourth Kentucky Cavalry from 4 April, 1862, to 11 June, 1862; First Lieutenant Company I, Twenty-third Infantry, Kentucky Volunteers, from 16 October, 1862, to 28 August, 1863.

b Includes service in Volunteer Army or Navy.

c Private First Regiment Connecticut Volunteers from 20 April, 1861, to 5 June, 1861.

d Captain's clerk from 1 July, 1861, to 5 November, 1861.

e Four years and 12 days in the Navy.

* Sea service with First Marine Battalion, North Atlantic Squadron.

MARINE CORPS.

COLONEL COMMANDANT.

Second Lieutenant.	First Lieutenant.	Captain.	Assistant Quartermaster.	Major.	Quartermaster.	Paymaster.	Adjutant and Inspector.	Lieutenant-Colonel.	Colonel Commandant.	Brevet rank.
5 Apr. 58	30 May 61	23 Nov. 61		1 Nov. 76				9 Mar. 88	30 Jan. 91	Major, 8 Mar. 62; Lt. Col., 5 Aug. 64

GENERAL STAFF (5).

21 Apr. 69	12 Jan. 76					a17 May 77				
2 July 64	29 Aug. 69	2 Apr. 84					a2 May 94			
16 June 80	23 Dec. 84		b 26 Feb. 92		a27 June 97					
cd 1 July 84	2 Feb. 91		b20 June 97							
5			b27 June 97							

COLONELS (2).

									Colonel.	
1 Mar. 61	1 Sept. 61	23 Apr. 64		24 Feb. 84				30 Jan. 91	11 July 92	Captain, 24 Apr. 62; Major, 15 Apr. 69; Lt. Col., 15 Mar. 70
5 June 61	do	21 June 64		24 Oct. 89				2 Feb. 97	10 Aug. 98	

LIEUTENANT-COLONELS (2).

25 Nov. 61	25 Nov. 61	16 Apr. 70		2 Feb. 91				2 June 98		Captain, 8 Sept. 62
4 June 62	2 Apr. 64	22 Jan. 76		6 Sept. 92				10 Aug. 98		1st Lieut. 8 Sept. 62

a With the rank of Major

b With the rank of Captain.

c Cadet Midshipman from 28 June, 1878, to 4 August, 1882.

d Naval Cadet from 5 August, 1882, to 30 June 1883.

MARINE CORPS.

MAJORS (4).

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.	
						Ys.	Ms.	Ys.	Ms.
	2011	Charles F. Williams ¹	Marine Barracks, Navy-yard, Mare Island, Cal.	18 Apr. 98	Nov. 92			11	5
	2012	Henry C. Cochrane ³	Marine Barracks, Naval Station, Newport, R. I.	10 Feb. 96	*Aug. 98	0	4	² 14	9
	2013	William S. Muse ⁴	Marine Barracks, Naval Station, Havana, Cuba.	17 Dec. 98	June 93	0	0	² 12	10
	2014	James M. T. Young ⁵	Waiting orders.....	19 Dec. 98	Nov. 98	0	0	² 12	6

CAPTAINS (20).

	2015	Erastus R. Robinson ⁶	New York	25 Apr. 98	Mar. 88	3	7	11	5
	2016	Francis H. Harrington...	Marine Barracks, Washington....	1 Sept. 96	*Aug. 98	3	7	11	11
	2017	Mancil C. Goodrell ⁷	Marine Barracks, Sitka, Alaska...	3 Nov. 98	*Aug. 98	3	4	13	6
	2018	Carlisle P. Porter.....	Marine Barracks, Naval Station, Havana, Cuba.	17 Dec. 98	Dec. 97	2	4	11	0
5	2019	George F. Elliott.....	Marine B'ks, Navy-yd, Washington	1 Nov. 98	*Aug. 98	3	1	13	4
	2020	Allan C. Kelton	Marine B'ks, Navy-yard, Boston...	28 Dec. 96	*July 98	3	8	12	7
	2021	Richard Wallach.....	Marine B'ks, Naval Academy.....	19 Oct. 98	Mar. 98	3	8	12	11
	2022	Benjamin R. Russell.....	Marine B'ks, Navy-yd, League Is.	24 Sept. 96	*July 98	3	2	13	0
	2023	Otway C. Berryman.....	Olympia.....	15 July 96	Dec. 92	2	9	11	4
10	2024	William F. Spicer.....	Marine B'ks, Navy-yd, Portsmouth	10 May 95	*Aug. 98	2	5	11	1
	2025	Paul St. C. Murphy.....	Brooklyn	1 Dec. 96	July 93	2	5	16	0
	2026	Leroy C. Webster.....	Marine B'ks, Navy-yd, Mare Is...	28 Feb. 98	Aug. 96	0	0	9	1
	2027	William P. Biddle.....	Under orders to United States....	21 Sept. 98	Nov. 98	3	6	12	10
	2028	Randolph Dickens.....	Oregon	12 Feb. 96	Feb. 93	2	10	12	3
15	2029	Thomas N. Wood ⁸	Massachusetts	10 June 96	June 92	2	6	14	9
	2030	Littleton W. T. Waller...	Marine B'ks, Navy-yard, Norfolk...	17 Sept. 98	Sept. 98	2	3	9	1
	2031	Harry K. White.....	Marine B'ks, Navy-yd, New York...	14 Sept. 98	*June 98	0	11	9	3
	2032	Lincoln Karmayn.....	Iowa	16 June 97	Dec. 91	0	11	8	8
	2033	Charles A. Doyen.....	Indiana	20 Nov. 98	July 98	0	4	7	7
20	2034	Charles H. Lauchheimer.†	Judge-Advocate-General's Office..	19 Mar. 92	Oct. 91	0	0	6	5

¹ Private First Regiment Connecticut Volunteers from 19 April, 1861, Sergeant 19 April, 1861 to 31 July, 1861.

² Includes service in Volunteer Army or Navy.

³ Master's Mate from 7 September, 1861, to 9 March, 1863.

⁴ Paymaster's steward from 8 July, 1862, to 9 March, 1864.

⁵ Captain's clerk from 18 February, 1862, to 1 July, 1864.

⁶ Private First Michigan Volunteer Infantry from 28 April, 1861, to — January, 1862; Sergeant First Michigan Volunteer Infantry from — January, 1862, to 27 April, 1862; Second Lieutenant First Michigan Volunteer Infantry from 28 April, 1862, to 19 July, 1863.

⁷ Private Company B, Fifteenth Iowa Volunteers, from 29 January, 1862, to 8 March, 1865.

⁸ Cadet Midshipman from 10 June, 1871, to 4 February, 1875.

* Sea service with First Marine Battalion, North Atlantic Squadron.

† Subject to confirmation.

MAJORS (4).

Shore or other duty.		Unemployed.		Appointed from--	Entry and promotions.				
					Second Lieutenant.	First Lieutenant.	Captain.	Major.	Brevet rank.
<i>a</i> 25	5	0	0	District of Columbia	10 June 62	10 June 64	1 Nov. 76	2 Feb. 97	Captain, 14 Jan. 65
22	7	0	0	Pennsylvania	10 Mar. 63	20 Aug. 65	16 Mar. 79	1 Feb. 98	
23	7	0	0	Maryland	18 Mar. 64	27 Apr. 67	21 Dec. 80	2 June 98	
24	4	0	0	Maryland	2 July 64	9 Aug. 68	24 Feb. 84	10 Aug. 98	

CAPTAINS (20).

<i>a</i> 25	3	0	0	New York	2 July 64	28 Sept. 69	13 Dec. 84	.....	.....
22	2	0	0	District of Columbia	8 Dec. 64	13 Oct. 69	4 May 85	.....	.....
<i>a</i> 23	6	0	0	Iowa	9 Mar. 65	16 Apr. 70	16 July 86	.....	.....
20	8	0	4	District of Columbia	20 Dec. 66	1 Feb. 73	18 Aug. 89	.....	.....
5	14	11	0	New York	12 Oct. 70	30 Mar. 78	15 June 92	.....	.....
15	8	0	0	Pennsylvania	31 Mar. 69	1 Apr. 75	18 June 90	.....	.....
16	9	0	0	Pennsylvania	24 Apr. 69	22 Jan. 76	30 Jan. 91	.....	.....
16	2	0	0	Pennsylvania	16 Oct. 69	1 Nov. 76	2 Feb. 91	.....	.....
16	6	0	11	District of Columbia	20 Jan. 70	16 Nov. 77	11 July 92	.....	.....
10	15	9	0	Massachusetts	13 Mar. 72	4 Jan. 80	6 Sept. 92	.....	.....
9	11	0	0	New York	27 Jan. 73	18 Apr. 80	16 Mar. 93	.....	Major, 3 July, 98
15	5	0	0	Delaware	1 July 74	1 July 83	18 Apr. 93	.....	.....
10	7	0	0	Pennsylvania	19 June 75	24 Feb. 84	7 Feb. 94	.....	.....
10	4	0	0	Virginia	19 May 76	2 Mar. 84	2 May 94	.....	.....
15	11	4	0	District of Columbia	1 July 76	2 Apr. 84	28 Jan. 96	.....	.....
11	2	0	0	Virginia	16 June 80	26 Sept. 85	14 June 96	.....	.....
11	8	0	2	Dakota	<i>b</i> 1 July 83	26 Mar. 89	2 Feb. 97	.....	.....
12	4	0	4	Pennsylvania	<i>d</i> 1 July 83	18 Aug. 89	1 Feb. 98	.....	.....
14	3	0	8	New Hampshire	<i>fg</i> 1 July 83	24 Oct. 89	2 June 98	.....	.....
20	14	8	0	Maryland	<i>h</i> 1 July 83	9 Jan. 90	10 Aug. 98	.....	.....

a Includes service in Volunteer Army or Navy.

b Cadet Midshipman from 22 September, 1877, to 4 August, 1882.

c Naval Cadet from 5 August, 1882, to 30 June, 1883.

d Cadet Midshipman from 12 September, 1877, to 4 August, 1882.

e Naval Cadet from 5 August, 1882, to 30 June, 1883.

f Cadet Midshipman from 21 July, 1876, to 4 August, 1882.

g Naval Cadet from 5 August, 1882, to 30 June, 1883.

h Cadet Midshipman from 11 September, 1877, to 4 August, 1882.

i Naval Cadet from 5 August, 1882, to 30 June, 1883.

FIRST LIEUTENANTS (30).

Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.	
					Ys.	Ms.	Ys.	Ms.
2035	Henry C. Haines	Marine B'ks, Naval Sta., Port Royal	22 Sept. 98	Sept. 98	3	1	3	2
2036	George Barnett	Chicago	12 Dec. 97	May 92	2	9	2	6
2037	Franklin J. Moses	Marine B'ks, N'y-y'd, Washington.	19 July 98	*July 98	3	2	3	3
2038	James E. Mahoney	Marine Barracks, Naval Station, Havana, Cuba.	17 Dec. 98	*Aug. 98	3	2	3	0
2039	Con. M. Perkins	Philadelphia	1 July 98	July 94	3	8	3	10
2040	Joseph H. Pendleton	Marine Barracks, Naval Academy.	1 Dec. 98	July 98	1	0	1	4
2041	Herbert L. Draper	Marine B'ks, N'y-y'd, Washington.	24 Sept. 98	*Aug. 98	2	4	2	3
2042	John A. Lejeune	Cincinnati	2 Aug. 97	July 98	2	8	4	4
2043	Clarence L. A. Ingate	Receiving-ship Vermont.	26 Sept. 98	*Aug. 98	2	8	5	2
2044	Eli K. Cole	Marine B'ks, Naval Sta., Puget S'nd	1 Dec. 98	Nov. 98	2	7	5	9
2045	Theodore P. Kane	New Orleans	3 Sept. 98	June 98	2	7	5	6
2046	Lewis C. Lucas	Marine Barracks, Naval Station, San Juan, Porto Rico.	5 Nov. 98	*Aug. 98	3	6	5	9
2047	Bertram S. Neumann	Marine Barracks, Navy-yard, Pensacola.	12 Dec. 98	Oct. 98	3	6	6	0
2048	Charles G. Long	Marine Barracks, N'y-y'd, Boston.	20 Sept. 98	*Aug. 98	3	5	5	11
2049	Ben H. Fuller	Marine B'ks, N'y-y'd, New York	21 Dec. 98	Dec. 98	2	3	4	8
2050	Robert McM. Dutton	Boston	18 Nov. 95	1st cruise	3	1	5	4
2051	Edward R. Lowndes	Newark	18 Nov. 98	Oct. 98	2	6	4	9
2052	Albertus W. Catlin	Marine B'ks, N'y-y'd, New York	3 Sept. 98	Sept. 98	2	11	5	3
2053	Laurence H. Moses	Ordered to Marine B'ks, Boston	4 Nov. 98	Nov. 98	2	10	5	1
2054	Wendell C. Neville	Marine B'ks, N'y-y'd, New York	5 June 97	*Aug. 98	3	3	5	5
2055	Cyrus S. Radford	Texas	2 June 97	Mar. 97	2	3	4	6
2056	Thomas C. Treadwell	Raleigh	21 July 96	1st cruise	2	5	4	10
2057	Dion Williams	Baltimore	15 Oct. 97	.....do	1	2	3	6
2058	Rufus H. Lane	On leave of absence.	6 Nov. 98	Nov. 98	2	9	6	0
2059	Albert S. McLemore	Marine B'ks, N'y-y'd, Mare Island	12 Dec. 98	*Aug. 98	1	8	5	4
2060	George Richards	Marine B'ks, N'y-y'd, Washington	23 Nov. 98	Nov. 98	1	5	5	1
2061	William N. McKelvy	Marine B'ks, N'y-y'd, New York	7 Sept. 97	*Aug. 98	0	5	4	10
2062	William C. Dawson	Marine Barracks, N'y-y'd, Boston.	25 Nov. 98	Nov. 98	0	10	5	2
2063	Austin R. Davis	Marine B'ks, N'y-y'd, Norfolk	17 Dec. 98	Sept. 98	0	3	4	8
2064	John H. Russell	Marine B'ks, N'y-y'd, League I'd.	14 Nov. 98	Oct. 98	0	2	4	6

SECOND LIEUTENANTS (8).

2065	Theodore H. Low	Marine B'ks, N'y-y'd, Portsmouth	8 Sept. 98	Aug. 98	0	1	2	11
2066	Thomas S. Borden	Marine B'ks, N'y-y'd, New York	1 Dec. 98	Dec. 98	1	9	3	10
2067	John T. Myers	Charleston	7 May 98	1st cruise	0	7	2	11
2068	Louis J. Magill	Buffalo	25 Sept. 98	*1stcruise	0	7	2	10
2069	Melville J. Shaw	Buffalo	30 Sept. 98	*1stcruise	0	7	2	8
2070	Phillip M. Bannon	Lancaster	4 Nov. 98	*Aug. 98	0	5	2	11
2071	Newt H. Hall	Badger	23 Dec. 98	*Nov. 98	0	5	2	6
2072	Ralph E. Walker	Marine Barracks, Washington	15 Oct. 98	Sept. 98	0	1	3	0

* Sea service with First Marine Battalion, North Atlantic Squadron.
 † Subject to confirmation; not yet commissioned.

FIRST LIEUTENANTS (30).

Shore or other duty.		Unemployed.		Appointed from—	Entry and promotions.						
					Cadet Engineer.	Cadet Midshipman.	Naval Cadet.	Second Lieutenant.	First Lieutenant.	Brevet rank.	
	Ys.	Ms.	Ys.	Ms.							
	14	10	0	6	At large		26 June 75	5 Aug. 82	1 July 83	25 June 00	.....
	12	5	0	7	Wisconsin		19 June 77	do	do	1 Sept. 00	.....
	12	7	0	5	South Carolina		11 Sept. 77	do	do	27 Oct. 80	.....
	13	11	0	4	Massachusetts		22 Sept. 76	do	do	1 July 90	.....
5	13	9	0	8	At large		11 Sept. 75	a 5 Aug. 82	1 July 84	30 Jan. 91	.....
	13	9	0	1	Pennsylvania	1 Oct. 78		5 Aug. 82	do	28 June 91	.....
	12	3	0	4	Kansas			6 Sept. 83	1 July 89	1 July 91	.....
	8	5	0	9	Louisiana			19 May 84	1 July 90	26 Feb. 92	.....
	9	0	0	5	Alabama			20 May 84	do	30 Apr. 92	.....
10	8	11	0	8	New York			4 Sept. 83	do	5 June 92	.....
	8	9	0	5	At large			19 May 84	do	15 June 92	.....
	7	4	0	3	Ohio			9 Sept. 85	1 July 91	do	Captain, 13 June 98
	7	5	0	2	New Jersey			22 May 85	do	11 July 92	.....
15	7	8	0	3	Massachusetts			7 Sept. 85	do	6 Sept. 92	.....
	8	9	0	2	Michigan			22 May 85	do	16 Mar. 93	.....
	7	9	0	3	California			4 Sept. 85	do	17 Mar. 93	.....
	8	4	0	2	Michigan			29 Sept. 85	do	18 Apr. 93	.....
	6	7	0	4	Minnesota			24 May 86	1 July 92	19 Apr. 93	.....
20	6	5	0	2	New York			29 Sept. 86	do	26 Dec. 93	.....
	6	1	0	3	Virginia			13 Sept. 86	do	7 Feb. 94	Captain, 13 June 98
	7	4	0	3	Kentucky			25 May 86	do	2 May 94	.....
	7	1	0	2	Massachusetts			21 May 86	do	3 May 94	.....
	7	11	0	0	Ohio			16 July 87	1 July 93	30 June 94	.....
25	5	7	0	0	Ohio			2 June 87	do	28 Jan. 96	.....
	6	3	0	0	Tennessee			23 May 87	do	14 June 96	.....
	6	3	0	0	Ohio			12 Sept. 87	do	3 Feb. 97	.....
	6	9	0	0	Pennsylvania			20 May 87	do	20 June 97	.....
	6	0	0	2	Missouri			6 Sept. 88	1 July 94	1 Feb. 98	.....
	6	3	0	1	Georgia			b 21 May 88	do	2 June 98	.....
30	5	10	0	3	At large			18 May 88	do	10 Aug. 98	.....

SECOND LIEUTENANTS (8).

	6	6	0	2	Connecticut			18 May 88	1 July 94	.....	.....
	6	4	0	1	Louisiana			25 Sept. 88	do	.....	1st Lieut., 3 July, 98
	8	2	0	0	Georgia			c d 22 Sept. 87	25 Feb. 95	.....	.....
	6	5	0	1	Pennsylvania			11 Nov. 89	1 July 95	.....	1st Lieut., 13 June 98 Captain, 13 June 98
5	5	6	0	2	Minnesota			6 Sept. 90	1 July 96	.....	.....
	4	6	0	2	Maryland			19 May 91	1 July 97	.....	1st Lieut., 13 June 98
	4	8	0	2	Texas			7 Sept. 91	do	.....	.....
	3	7	0	1	Indiana			20 May 92	20 May 98	.....	.....

a Assistant Engineer, 1 July, 1883, to 1 July, 1884.

b Naval Cadet, 7 September, 1887; resigned, 6 February, 1888.

c Assistant Engineer, 22 August, 1894, to 25 February, 1895.

d Out of service 1 month and 21 days.

SECOND LIEUTENANTS, FOR THE WAR (30).

	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.	
					Ys.	Ms.	Ys.	Ms.
	Henry C. Davis.....	Iowa.....	30 Aug. 98	1st cruise	0	4	0	4
	George C. Thorpe.....	Resolute.....	21 Nov. 98	do	0	4	0	4
	Louis M. Gulick.....	Marine Barracks, Naval Station, San Juan, Porto Rico.	27 Oct. 98	Oct. 98	0	4	0	4
5	Louis A. Frothingham.....	Waiting orders.....	15 Nov. 98	Nov. 98	0	4	0	4
	Edwin A. Jonas.....	Marine B'ks, Navy-yard, Norfolk, Va	23 Sept. 98	* Aug. 98	0	1	0	1
	Smedley D. Butler.....	New York.....	24 Sept. 98	do	0	5	0	5
	George C. Reid.....	Marine Barracks, Naval Sta., Newport	20 Sept. 98	do	0	1	0	1
	Randolph M. Appleton.....	Waiting orders.....	do	do	0	1	0	1
10	Henry W. Carpenter.....	Marine Barracks, Naval Academy.....	15 Oct. 98	do	0	0	0	0
	Arthur T. Marix.....	Marine Barracks, Nav. Sta., Port Royal	5 Aug. 98	do	0	0	0	0
	Hiram I. Bearss.....	Michigan.....	9 Dec. 98	1st cruise	0	1	0	1
	Charles S. Hatch.....	Indiana.....	27 Sept. 98	do	0	3	0	3
	Arthur J. Matthews.....	Receiving ship Franklin.....	5 Dec. 98	do	0	0	0	0
	David D. Porter.....	Marine Barracks, Naval Sta., Newport	26 Sept. 98	do	0	0	0	0
15	William B. Lemly.....	Brooklyn.....	6 Dec. 98	1st cruise	0	0	0	0
	Philip S. Brown.....	Under orders to be mustered out of service.	13 Dec. 98	do	0	0	0	0
	Henry Leonard.....	Solace.....	20 Sept. 98	Sept. 98	0	4	0	4
	Don A. Baxter.....	Marine B'ks, Navy-yard, Portsmouth	10 July 98	do	0	0	0	0
20	Robert F. Wynne.....	Oregon.....	14 Sept. 98	* Aug. 98	0	4	0	4
	Charles S. Hill.....	Marine Barracks, Naval Academy.....	12 July 98	do	0	0	0	0
	Robert M. Gilson.....	Marine B'ks, Navy-yard, New York	14 Sept. 98	do	0	0	0	0
	John F. McGill.....	Marine Barracks, Naval Academy.....	22 Sept. 98	do	0	0	0	0
	Charles A. Taussig.....	Under orders to be mustered out of service.	13 Dec. 98	do	0	0	0	0
25	James C. Breckinridge.....	Receiving ship Richmond.....	26 Sept. 98	do	0	0	0	0
	Rexwald Brown.....	Receiving ship Wabash.....	21 Sept. 98	do	0	0	0	0
	Charles G. Andresen.....	Mar. Barracks, Nav. Sta., Havana, Cuba	17 Dec. 98	do	0	0	0	0
	Harry Lee.....	Mar. B'ks, Nav. Sta., Havana, Cuba	do	do	0	0	0	0
	Robert H. Dunlap.....	Massachusetts.....	24 Dec. 98	1st cruise	0	0	0	0
30	Randolph C. Berkeley.....	Marine B'ks, Navy-yard, Washington	16 Aug. 98	do	0	0	0	0
	Benjamin F. Rittenhouse.....	Marine Barracks, Washington	17 Aug. 98	do	0	0	0	0

* Sea service with First Marine Battalion, North Atlantic Squadron.

SECOND LIEUTENANTS, FOR THE WAR (30).

Shore or other duty.		Unemployed.		Appointed from—	Entry and promotions.				
					Cadet Engineer.	Cadet Midshipman.	Naval Cadet.	Second Lieutenant.	First Lieutenant.
Ys.	Ms.	Ys.	Ms.						
0	3	0	0	District of Columbia				20 May 98	
0	3	0	0	Minnesota				do	
0	3	0	0	New York				do	
5	0	2	0	1 Massachusetts				do	
	0	6	0	0 Louisiana				do	
	0	2	0	0 Pennsylvania				do	
	0	6	0	0 Ohio				do	
	0	3	0	3 Massachusetts				do	
10	0	7	0	0 Virginia				28 May 98	
	0	7	0	0 Illinois				do	
	0	6	0	0 Indiana				do	
	0	4	0	0 District of Columbia				do	
	0	7	0	0 Rhode Island				do	
15	0	7	0	0 District of Columbia				do	
	0	7	0	0 North Carolina				do	
	0	6	0	0 Maine				9 June 98	
	0	2	0	0 District of Columbia				do	
	0	6	0	0 Ohio				do	
20	0	2	0	0 District of Columbia				do	
	0	6	0	0 New Hampshire				do	
	0	6	0	0 Vermont				do	
	0	5	0	0 Virginia				7 July 98	
	6	5	0	0 District of Columbia				do	
25	0	5	0	0 Arkansas				do	
	0	5	0	0 Illinois				15 July 98	
	0	5	0	0 U. S. Marine Corps				25 July 98	
	0	4	0	0 District of Columbia				2 Aug. 98	
	0	4	0	0 District of Columbia				8 Aug. 98	
30	0	4	0	0 Virginia				do	
	0	4	0	0 Virginia				do	

RETIRED LIST—MARINE CORPS.

Retired on attaining the age of 64 years, in conformity with the provisions of the act of Congress approved June 30, 1882.

COLONEL (1).

Name.	Present residence.	Retirement.	Sea service.		Shore or other duty.		Unemployed.	
		Colonel.	Ys.	Ms.	Ys.	Ms.	Ys.	Ms.
Thomas Y. Field	Wayne, Delaware County, Pa.....	17 Aug. 89	8	11	32	2	10	5

Retired on his own application after forty years' consecutive service, in conformity with section 15, act of Congress approved August 3, 1861.

MAJOR (1).

Name.	Present residence.	Major.	Sea service.		Shore or other duty.		Unemployed.	
		Major.	Ys.	Ms.	Ys.	Ms.	Ys.	Ms.
Augustus S. Nicholson ...	Hamilton, Va	1 May 94	8	7	38	6	4	8

Retired on his own application after thirty years' consecutive service, in conformity with section 4, act of Congress approved July 15, 1870.

LIEUTENANT-COLONELS (2).

Name.	Present residence.	Lt. Col.	Sea service.		Shore or other duty.		Unemployed.	
		Lt. Col.	Ys.	Ms.	Ys.	Ms.	Ys.	Ms.
McLane Tilton	Annapolis, Md	1 Feb. 97	11	0	24	11	1	11
John H. Higbee	New York, N. Y	1 June 98	9	2	27	1	0	7

MAJORS (3).

Name.	Present residence.	Major.	Sea service.		Shore or other duty.		Unemployed.	
		Major.	Ys.	Ms.	Ys.	Ms.	Ys.	Ms.
Horatio B. Lowry	Rockville, Md	19 June 97	4	10	30	10	1	6
Henry A. Bartlett	On leave of absence.....	1 Feb. 98	16	2	18	3	2	11
Richard S. Collum a	Philadelphia, Pa	26 June 97	b11	11	b26	11	1	6

CAPTAIN (1).

Name.	Present residence.	Captain.	Sea service.		Shore or other duty.		Unemployed.	
		Captain.	Ys.	Ms.	Ys.	Ms.	Ys.	Ms.
Edward P. Meeker c.....	Brooklyn, N. Y.....	15 Mar. 93	b17	6	16	1	5	9

a Acting Midshipman United States Navy, 20 September, 1854, to 7 May, 1857.

b Includes service in Volunteer Army or Navy.

c Two years 9 months and 10 days in the Navy.

RETIRED LIST—MARINE CORPS.

Retired on attaining the age of 64 years, in conformity with the provisions of the act of Congress approved June 30, 1832.

COLONEL (1).

Entry and promotions on the active list.

Appointed from—	Entry and promotions on the active list.							
	Second Lieutenant.	First Lieutenant.	Captain.	Major.	Adjutant and Inspector.	Lieutenant-Colonel.	Colonel.	Brevet rank.
Pennsylvania	8 Mar. 47	15 Oct. 54	30 May 61	10 June 64	.....	1 Nov. 76	18 Apr. 80	1st Lieut., 13 Sept. 47

Retired on his own application after forty years' consecutive service, in conformity with section 15, act of Congress approved August 3, 1861.

MAJOR (1).

New York	16 Mar. 47	4 Mar. 56	a 6 May 61	1st Lieut., 13 Sept. 47
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Retired on his own application after thirty years' consecutive service, in conformity with section 4, act of Congress approved July 15, 1870.

LIEUTENANT-COLONELS (2).

Maryland	2 Mar. 61	1 Sept. 61	10 June 64	9 Mar. 85	.....	2 Feb. 91	.....	.....
New York	9 Mar. 61	do	do	18 Aug. 89	.....	11 July 92	.....	Captain, 25 May 63

MAJORS (3).

	Second Lieutenant.	First Lieutenant.	Captain.	Major.	Ass't Quartermaster.	Quartermaster.	Lieutenant-Colonel.	Colonel.	Brevet rank.
South Carolina ...	17 Sept. 61	28 Nov. 61	16 Oct. 69	.....	b 21 June 72	a 4 May 85	.....	.....	Captain, 8 Sept. 63
Rhode Island	10 Sept. 61	25 Nov. 61	29 Nov. 67	.....	.....	.....	Major, 30 Jan. 91	.....	.....
Indiana	7 Sept. 61	30 Dec. 62	13 Mar. 72	b 4 May 85	a 26 June 97

CAPTAIN (1).

New Jersey	14 June 62	17 Nov. 64	19 Nov. 77	Captain, 14 Jan. 65
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a With rank of Major.

b With rank of Captain.

Retired from incapacity resulting from sickness originating in the line of duty, in conformity with section 16, act of Congress approved August 3, 1861.

CAPTAINS (6).

Name.	Present residence.	Retirement.		Sea service.		Shore or other duty.		Unemployed.	
		Captain.		Ys.	Ms.	Ys.	Ms.	Ys.	Ms.
Charles A. Stillman.....	Winchester, Mass	12 Mar. 72	4	3	4	10	28	3	
Frederick H. Corrie	On leave, Europe	18 Dec. 85	11	9	12	1	13	6	
George B. Haycock.....	Washington, D. C.....	19 Mar. 83	5	11	14	2	15	9	
Frank D. Webster ^a	On leave, Europe	1 Apr. 84	7	4	13	9	14	9	
5 Archibald S. Taylor.....	Clinton, N. J.....	17 June 90	11	9	14	3	8	6	
Robert D. Wainwright..	Little Falls, N. J.....	17 Apr. 93	8	11	14	5	5	9	

FIRST LIEUTENANTS (2).

Name.	Present residence.	First Lieutenant.		Sea service.		Shore or other duty.		Unemployed.	
		Ys.	Ms.	Ys.	Ms.	Ys.	Ms.		
Samuel H. Gibson.....	Washington, D. C.....	6 Jan. 88	7	9	10	6	11	0	
Samuel J. Logan.....	U. S. S. "Machias".....	25 Sept. 85	4	3	6	1	13	4	

SECOND LIEUTENANTS (2).

Name.	Present residence.	Second Lieutenant.		Sea service.		Shore or other duty.		Unemployed.	
		Ys.	Ms.	Ys.	Ms.	Ys.	Ms.		
Alfred Devereux.....	Philadelphia, Pa.....	31 Mar. 64	0	8	1	1	35	6	
Edward R. Miller.....	Germantown, Pa.....	12 Oct. 69	0	4	2	4	29	8	

Retired under the provisions of "An act to provide for the examination of certain officers of the Marine Corps, and to regulate promotions therein," approved July 28, 1892.

CAPTAINS (2).

Name.	Present residence.	Captain.		Sea service.		Shore or other duty.		Unemployed.	
		Ys.	Ms.	Ys.	Ms.	Ys.	Ms.		
Henry C. Fisher.....	Brooklyn, N. Y.....	16 Mar. 93	10	0	11	2	7	6	
George T. Bates.....	Annapolis, Md.....	2 May 94	9	3	12	0	4	8	

FIRST LIEUTENANT (1).

Name.	Present residence.	First Lieutenant.		Sea service.		Shore or other duty.		Unemployed.	
		Ys.	Ms.	Ys.	Ms.	Ys.	Ms.		
Elisha Theall.....	Brooklyn, N. Y.....	2 Feb. 97	5	0	5	0	1	7	

Retired for disability not the result of disease originating in the line of duty, in conformity with section 17, act of Congress approved August 3, 1861.

SECOND LIEUTENANT (1).

Name.	Present residence.	Second Lieutenant.		Sea service.		Shore or other duty.		Unemployed.	
		Ys.	Ms.	Ys.	Ms.	Ys.	Ms.		
John D. Smyser.....	Perth Amboy, N. J.....	3 May 78	2	11	5	2	20	8	

^a Private Company B, Seventeenth New Hampshire Volunteers, from 13 September, 1862, to 12 November, 1862; First Lieutenant Company B, Seventeenth New Hampshire Volunteers, from 13 November, 1862, to 16 April, 1863.

^b Includes service in Volunteer Army or Navy.

^c Ten months and 6 days in the Volunteer Navy, 6 months and 21 days in the Volunteer Army.

Retired from incapacity resulting from sickness originating in the line of duty, in conformity with section 16, act of Congress approved August 3, 1861.

CAPTAINS (6).

Appointed from—	Entry and promotions on the active list.					
	Naval Cadet.	Second Lieutenant.	First Lieutenant.	Captain.	Assistant Quarter-master.	Brevet rank.
Connecticut.....		25 Nov. 61	26 Nov. 61	5 Dec. 67		
Kentucky.....		.....do.....	.....do.....	12 Feb. 70		Captain, 14 Jan. 65
California.....		10 Mar. 63	20 June 66	18 Apr. 80		Captain, 7 June 70
New Hampshire.....		18 Mar. 64	5 Dec. 67	8 Oct. 83		
New Jersey.....		2 July 64	30 July 68	12 Dec. 83		
Massachusetts.....		4 Dec. 69	17 Mar. 77	5 June 92		

FIRST LIEUTENANTS (2).

Maryland.....		5 Oct. 69	3 Oct. 76			
Ohio.....		26 Apr. 75	12 Dec. 83			

SECOND LIEUTENANTS (2).

Pennsylvania.....		25 Sept. 61				
.....do.....		6 Feb. 65				

Retired under the provisions of "An act to provide for the examination of certain officers of the Marine Corps, and to regulate promotions therein," approved July 28, 1892.

CAPTAINS (2).

Pennsylvania.....		7 Sept. 71	27 Sept. 79	16 Mar. 93		
District of Columbia.....		1 Feb. 73	12 May 80	2 May 94		

FIRST LIEUTENANT (1).

New York.....	28 May 87	1 July 93	2 Feb. 97			
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Retired for disability not the result of disease originating in the line of duty, in conformity with section 17, act of Congress approved August 3, 1861.

SECOND LIEUTENANT (1).

Pennsylvania.....		21 Mar. 70				
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RESIGNATIONS, RETIREMENTS, DEATHS, DISMISSALS, ETC.

(Officers of the Regular Service.)

RESIGNATIONS (32).

Lieutenant (junior grade) Wilford B. Hoggatt	1 Aug., 1898
Assistant Surgeon William S. Thomas	1 Dec., 1898
Assistant Surgeon Thomas L. Rhoads	16 Nov., 1898
Assistant Paymaster Francis J. Semmes	22 Oct., 1898
Naval Cadet Howard M. Lloyd	31 May, 1898
Naval Cadet Josiah W. Embody	31 May, 1898
Naval Cadet Robert T. Wood	31 May, 1898
Naval Cadet Edward O. Cresap	17 May, 1898
Naval Cadet Thomas J. Cleveland	7 May, 1898
Naval Cadet Harold B. Miles	9 Feb., 1898
Naval Cadet George C. Lawrason	9 Feb., 1898
Naval Cadet Edward L. Whitney	9 Feb., 1898
Naval Cadet Arthur S. West	27 Jan., 1898
Naval Cadet Pickens E. Woodson	20 Jan., 1898
Naval Cadet William M. Robertson	3 Oct., 1898
Naval Cadet Bernard L. Tone	7 Feb., 1898
Naval Cadet Albert T. Rich	15 Jan., 1898
Naval Cadet John F. Mann	3 Oct., 1898
Naval Cadet Leroy Brooks, jr.	15 Jan., 1898
Naval Cadet Oscar F. Cooper	2 Feb., 1898
Naval Cadet Joseph S. Lindsay	15 Jan., 1898
Naval Cadet Russell Hastings	9 Feb., 1898
Naval Cadet Samuel R. Price	9 Feb., 1898
Naval Cadet George P. Brown	9 Feb., 1898
Naval Cadet Claude Browne	3 May, 1898
Naval Cadet Kelly D. Alsop	15 Jan., 1898
Naval Cadet Arthur L. Nauman	7 Feb., 1898
Naval Cadet Marshall B. Green	7 May, 1898
Naval Cadet William R. Bowne	2 Feb., 1898
Naval Cadet John D. Gillmore	5 Feb., 1898
Naval Cadet Harry M. Hepburn	6 Dec., 1898
Naval Cadet Charles F. Symonds	20 Dec., 1898

RETIREMENTS (57).

Rear-Admiral William A. Kirkland	3 July, 1898
Rear-Admiral Lester A. Beardslee	1 Feb., 1898
Rear-Admiral Thomas O. Selfridge, jr.	6 Feb., 1898
Rear-Admiral Joseph N. Miller	22 Nov., 1898
Rear-Admiral Montgomery Sicard	30 Sept., 1898
Rear-Admiral Edmund O. Matthews	24 Oct., 1898
Rear-Admiral Charles S. Norton	10 Aug., 1898
Rear-Admiral Francis M. Bunce	25 Dec., 1898
Commander Samuel Belden	27 Apr., 1898
Commander Benjamin S. Richards	30 Apr., 1898
Lieutenant-Commander Benjamin H. Buckingham	5 Oct., 1898
Lieutenant-Commander Sumner C. Paine	14 Nov., 1898
Lieutenant-Commander Arthur P. Osborn	8 Dec., 1898
Lieutenant Frederic H. Lefavor	12 Apr., 1898
Lieutenant Oren E. Lasher	9 Mar., 1898
Lieutenant John W. Stewart	26 May, 1898
Lieutenant Lucien Flynne	24 Jan., 1898
Lieutenant Edward D. Hostick	8 Oct., 1898
Lieutenant Charles S. Ripley	22 Apr., 1898
Medical Director Edward S. Bogert, sr.	7 May, 1898
Medical Director Benjamin H. Kidder	23 Jan., 1898
Medical Director George H. Cooke	12 Dec., 1898
Medical Director Daniel McMurtrie	18 June, 1898
Surgeon Arthur G. Cabell	8 Oct., 1898
Passed Assistant Surgeon Lewis H. Stone	10 Feb., 1898
Pay Director William W. Williams	9 July, 1898
Pay Director Luther G. Billings	14 Mar., 1898
Pay Director Arthur J. Pritchard	12 Feb., 1898
Pay Inspector William W. Woodhull	15 June, 1898
Paymaster Edward N. Whitehouse	4 Feb., 1898
Paymaster George H. Read	29 Mar., 1898
Chief Engineer Philip Inch	6 Aug., 1898
Chief Engineer Fletcher A. Wilson	7 Feb., 1898
Chief Engineer Edward Farmer	1 Mar., 1898
Chief Engineer Alfred Adanson	19 Sept., 1898
Chief Engineer George W. Stivers	12 Oct., 1898
Chief Engineer Absalom Kirby	15 Feb., 1898
Chief Engineer James H. Chasmar	11 Oct., 1898
Chief Engineer Conrad J. Habighurst	7 Nov., 1898
Chief Engineer Robert W. Galt	19 Nov., 1898

RETIREMENTS—Continued.

Chief Engineer William B. Dunning	29 Oct., 1898
Passed Assistant Engineer Willis B. Day	2 May, 1898
Assistant Engineer George H. Shepard	8 Jan., 1898
Chaplain Frank B. Rose	5 Apr., 1898
Naval Constructor John B. Hoover	23 June, 1898
Civil Engineer Anecito G. Menocal	1 Sept., 1898
Boatswain Patrick H. Burns	6 June, 1898
Gunner Samuel Cross	11 June, 1898
Gunner Cornelius Cronin	16 Aug., 1898
Gunner Peter Hanley	26 Oct., 1898
Carpenter Herbert M. Griffiths	17 Mar., 1898
Carpenter Gould Northup	10 Oct., 1898
Carpenter Kaen M. A. Mahony	2 Mar., 1898
Sailmaker George T. Douglass	20 Dec., 1898
Sailmaker Truman B. White	3 Nov., 1898
Sailmaker Charles E. Tallman	29 Oct., 1898
Mate William Boyd	1 Mar., 1898

MARINE CORPS (2).

Lieutenant-Colonel John H. Higbee	1 June, 1898
Major Henry A. Bartlett	1 Feb., 1898

DEATHS (43).

Rear-Admiral Daniel Ammen (retired), Washington, D. C.	11 July, 1898
Rear-Admiral John C. Febiger (retired), Easton, Md.	9 Oct., 1898
Rear-Admiral Daniel L. Braine (retired), Brooklyn, N. Y.	30 Jan., 1898
Rear-Admiral William A. Kirkland (retired), Mare Island, Cal.	12 Aug., 1898
Captain Milton Haxtun (retired), Brooklyn, N. Y.	26 May, 1898
Captain Charles V. Gridley, Kobe, Japan	5 June, 1898
Commander Horace Elmer, Brooklyn, N. Y.	26 Apr., 1898
Commander Eugene D. F. Heald, Annapolis, Md.	27 Mar., 1898
Lieutenant-Commander Charles E. Hawley (retired), Wilmington, Del.	19 Dec., 1898
Lieutenant-Commander Charles H. Craven (retired), Washington, D. C.	1 Mar., 1898
Lieutenant-Commander Edward W. Sturdy, U. S. S. Pompey	6 June, 1898
Lieutenant-Commander Sumner C. Paine (retired), Asheville, N. C.	21 Dec., 1898
Lieutenant Oswin W. Lowry, New York, N. Y.	13 Mar., 1898
Lieutenant John O. Nielson (retired), Washington, D. C.	27 Feb., 1898
Lieutenant David Daniels, U. S. S. Katahdin	7 Apr., 1898
Lieutenant Herman G. Dresel, Baltimore, Md.	14 Nov., 1898
Lieutenant John J. Blandin, Baltimore, Md.	16 July, 1898
Lieutenant (junior grade) Friend W. Jenkins, U. S. S. Maine, Havana Harbor, Cuba	15 Feb., 1898
Ensign George L. Fermier, U. S. S. Petrel, Shanghai, China	19 Nov., 1898
Ensign Joseph R. Campbell, Chelsea, Mass.	30 May, 1898
Ensign Joseph C. Breckinridge, at sea, from torpedo-boat <i>Cushing</i>	10 Feb., 1898
Ensign Worth Bagley, U. S. S. Winslow, Cardenas, Cuba	11 May, 1898
Naval Cadet William H. Boardman, St. Thomas, W. I.	12 Aug., 1898
Naval Cadet Clive K. Hulick, Batavia, Ohio	11 June, 1898
Naval Cadet Thomas H. Wheeler, Montauk Point, N. Y.	7 Sept., 1898
Medical Inspector John L. Neilson, Boston, Mass.	1 Sept., 1898
Surgeon Edmund C. Ver Muelen (retired), Philadelphia, Pa.	21 Jan., 1898
Passed Assistant Surgeon Thomas B. Bailey, Washington, D. C.	24 Feb., 1898
Assistant Surgeon George C. Hubbard, Washington D. C.	21 Mar., 1898
Chief Engineer George R. Johnson (retired), Washington, D. C.	16 Sept., 1898
Chief Engineer William H. Rutherford (retired), Harrisburg, Pa.	1 Mar., 1898
Chief Engineer Phillip Inch (retired), Saratoga Springs, N. Y.	18 Oct., 1898
Chief Engineer Hugh H. Chine (retired), Brooklyn, N. Y.	5 Oct., 1898
Chief Engineer Henry Herwig (retired), Charlottesville, Va.	21 June, 1898
Passed Assistant Engineer Frank H. Conant, Annapolis, Md.	16 Nov., 1898
Assistant Engineer John S. Porter, Phoenix, Ariz.	10 Feb., 1898
Assistant Engineer Darwin R. Morrill, U. S. S. Maine, Havana Harbor, Cuba	15 Feb., 1898
Chaplain John E. Mathews (retired), Croton-on-Hudson, N. Y.	27 Dec., 1898
Chaplain Thaddeus S. K. Freeman, Nagasaki, Japan	12 Sept., 1898
Boatswain Daniel Ward (retired), Philadelphia, Pa.	15 Oct., 1898
Acting Boatswain Joseph Hartman, Norfolk, Va.	24 Nov., 1898
Sailmaker David Bruce (retired), Charlestown, Mass.	26 Nov., 1898
Mate Lawrence B. Gallagher, New York, N. Y.	6 Feb., 1898

MARINE CORPS (1).

Lieutenant-Colonel John L. Broome (retired), Binghamton, N. Y.	12 Apr., 1898
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DISMISSED (1).

Chaplain Joseph P. McIntyre	24 Oct., 1898
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DISCHARGED (1).

Passed Assistant Paymaster Edwin B. Webster	5 Mar., 1898
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RESIGNATIONS, DEATHS, HONORABLE DISCHARGES, ETC

(Officers Appointed for Temporary Service.)

(ARRANGED ACCORDING TO RANK.)

RESIGNATIONS (13).

Name.	Appointed.	Resigned.	Appointed from—
Lieutenant Warren M. Hopkins.....	22 Apr. 98	1 July 98	New York.
Lieutenant George R. H. Buffinton.....	23 Apr. 98	1 Aug. 98	Massachusetts.
Lieutenant John H. Porter.....	25 May 98	do	Illinois.
Lieutenant (junior grade) Charles H. Brigham.....	23 Apr. 98	28 Sept. 98	Massachusetts.
Lieutenant (junior grade) Francis W. Hunt.....	25 May 98	1 Aug. 98	Illinois.
Ensign Maurice B. Peugnet.....	22 Apr. 98	5 May 98	Missouri.
Ensign Thomas L. Jenkins.....	25 Apr. 98	13 Sept. 98	North Carolina.
Ensign Samuel P. Holmes.....	9 May 98	17 June 98	Florida.
Ensign Victor R. Lyle.....	10 May 98	13 Dec. 98	Alabama.
Ensign Harold H. Hewett.....	25 May 98	1 Aug. 98	Illinois.
Ensign Yandell Henderson.....	13 June 98	8 Aug. 98	Connecticut.
Passed Assistant Surgeon Henry H. Forbes.....	12 May 98	5 July 98	New York.
Passed Assistant Engineer William G. Coxe.....	4 May 98	21 July 98	Pennsylvania.

MARINE CORPS (2).

Second Lieutenant Robert P. Faunt Le Roy.....	7 July 98	3 Oct. 98	Virginia.
Second Lieutenant Melville D. Chapman.....	2 Aug. 98	21 Dec. 98	New York.

DEATHS (3).

Name.	Appointed.	Died.	Appointed from—
Lieutenant (junior grade) Fred H. Pullen.....	20 May 98	12 Oct. 98	Maine.
Assistant Surgeon John B. Gibbs.....	25 Apr. 98	12 June 98	New York.
Chaplain John B. Scott.....	30 Apr. 98	15 July 98	Pennsylvania.

MARINE CORPS (1).

Second Lieutenant Charles S. Gray.....	2 Aug. 98	3 Sept. 98	Ohio.
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HONORABLY DISCHARGED.

COMMANDERS (3).

Name.	Date of appointment.	Date of discharge.	Appointed from—
William G. Randle	18 May 98	2 Sept. 98	Pennsylvania.
Frederick Watkins	15 June 98	do	New Jersey.
Frederick M. Passow	do	do	New York.

LIEUTENANT-COMMANDER (1).

Jacob W. Miller	5 July 98	17 Sept. 98	New York.
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LIEUTENANTS (89).

George Young	21 Apr. 98	2 Sept. 98	New York.
Julius A. Pattson	do	do	Do.
Joseph Beale	23 Apr. 98	3 Sept. 98	Pennsylvania.
John W. Weeks	do	28 Oct. 98	Massachusetts.
George W. Mason	30 Apr. 98	14 Nov. 98	Maine.
Frank B. Anderson	do	15 Sept. 98	New York.
William B. Duncan	do	6 Sept. 98	Do.
William H. Willard	4 May 98	7 Dec. 98	Virginia.
McDonough Craven	do	15 Oct. 98	New York.
Gilbert Wilkes	9 May 98	26 Aug. 98	Michigan.
John C. Sutherland	do	3 Nov. 98	Florida.
Alexander R. Merrill	do	15 Sept. 98	Do.
Daniel W. Shea	do	do	Do.
John W. Bostick	do	28 Oct. 98	Louisiana.
Edwin C. Weeks	do	25 Oct. 98	New York.
James Gray	do	6 Oct. 98	Indiana.
Edward W. Henricks	10 May 98	24 Dec. 98	Do.
Samuel N. Kane	do. a	15 Nov. 98	New York.
Thomas I. Madge	11 May 98	22 Sept. 98	Do.
William H. Elliott	do	31 Oct. 98	Indiana.
John S. Watters	12 May 98	15 Sept. 98	Louisiana.
George L. Morton	do	2 Nov. 98	North Carolina.
Rufus Waterman	do	28 Sept. 98	Rhode Island.
James O. Porter	14 May 98	1 Dec. 98	Massachusetts.
George N. Gardiner	do	28 Sept. 98	Do.
George S. Selfridge	do	10 Oct. 98	Do.
Stephen Jenkins	do	29 Dec. 98	New York.
Thomas G. Segrave	18 May 98	30 Aug. 98	Do.
Norman G. Morrall	20 May 98	8 Sept. 98	South Carolina.
Lewis W. Bartlett	do	19 Sept. 98	Louisiana.
Angelo W. Socola	do	16 Sept. 98	Do.
Robert B. Quick	do	15 Sept. 98	Do.
Harry H. McIlhenny	do	21 Sept. 98	North Carolina.
Thomas M. Morse	do	12 Sept. 98	Do.
William M. Atkinson	do	8 Sept. 98	Do.
Charles S. Braddock, jr.	do	1 Dec. 98	New Jersey.
Thomas C. Wood	do	28 Sept. 98	New York.
Arthur B. Denny	21 May 98	17 Sept. 98	Massachusetts.
James H. Dillaway, jr.	do	8 Sept. 98	Do.
Edward McC. Peters	do	8 Oct. 98	New Jersey.
Frederick S. Boyce	24 May 98	15 Nov. 98	Do.
Randolph H. Miner	do	1 Nov. 98	California.
Robert J. Beach	do	27 Sept. 98	New York.
Eugene M. Harmon	do	9 Sept. 98	Do.
Charles C. B. Reid	do	13 Sept. 98	Do.
Samuel W. Stratton	do	22 Nov. 98	Illinois.
George E. Kent	do	5 Oct. 98	New York.
Harry R. Cohen	25 May 98	17 Sept. 98	New Jersey.
James B. Potter	do	do	Do.
Albert De Unger	do	16 Sept. 98	Do.
Isaac E. Emerson	do	2 Nov. 98	Maryland.
Edwin Geer	do	9 Sept. 98	Do.
Henry F. Harrison	do	10 Oct. 98	Do.
Joseph Bonn	do	3 Sept. 98	Do.
James J. Igoe	26 May 98	8 Sept. 98	South Carolina.
George G. Clay	28 May 98	12 Dec. 98	Michigan.
Richard C. Hooker	do	18 Nov. 98	California.

a Ensign, 3 May, 1898.

LIEUTENANTS—Continued.

Name.	Date of appointment.	Date of discharge.	Appointed from—
Charles Evans.....	28 May 98	24 Dec. 98	California.
Arthur B. Connor.....	2 June 98	3 Oct. 98	New Jersey.
Dabney M. Scales.....	4 June 98	8 Sept. 98	Tennessee.
Robert H. Pinckney.....	7 June 98	15 Sept. 98	South Carolina.
William E. McKay.....	8 June 98	25 Aug. 98	Massachusetts.
Charles J. Rogers.....	15 June 98	2 Sept. 98	New York.
William J. Roberts.....	do	do	Virginia.
Robert S. Sloan.....	17 June 98	4 Oct. 98	New York.
William H. Stayton.....	18 June 98	28 Oct. 98	Do.
Charles H. Grant.....	do	7 Oct. 98	Do.
William G. Ford.....	22 June 98	22 Nov. 98	Do.
Robert P. Forshew.....	do	8 Oct. 98	Do.
Arthur H. Day.....	do	8 Sept. 98	Connecticut.
Edward V. Raynolds.....	do	do	Do.
Felton Parker.....	do	17 Oct. 98	Massachusetts.
William E. Gunn.....	do	4 Nov. 98	California.
Louis H. Turner.....	do	8 Sept. 98	Do.
Joseph M. Mitcheson.....	23 June 98	15 Oct. 98	Pennsylvania.
John S. Muckle.....	do	22 Oct. 98	Do.
Alonzo Gartley.....	do	8 Sept. 98	Do.
George C. Stout.....	do	do	Do.
James H. Colwell.....	do	28 Oct. 98	Do.
Spencer F. B. Biddle.....	do	6 Oct. 98	Montana.
Henry M. M. Richards.....	28 June 98	21 Oct. 98	Pennsylvania.
Theodore C. Zerega.....	do	28 Sept. 98	New York.
Gardner I. Jones.....	2 July 98	10 Sept. 98	Massachusetts.
Walter R. Addicks.....	do	3 Sept. 98	Do.
Herbert L. Satterlee.....	6 July 98	7 Nov. 98	New York.
George F. Winslow.....	12 July 98	26 Nov. 98	Massachusetts.
William M. Paul.....	27 July 98	14 Sept. 98	Do.
Charles W. Hazeltine.....	22 Nov. 98	23 Nov. 98	Missouri.
William E. Wirt.....	28 Dec. 98	29 Dec. 98	Ohio.

LIEUTENANTS (JUNIOR GRADE) (83).

Hiram Dixon.....	21 Apr. 98	2 Sept. 98	New York.
Layton F. Smith.....	30 Apr. 98	7 Dec. 98	Maryland.
Davies Murdoch.....	do	21 Sept. 98	Do.
Samuel D. Greene.....	do	6 Sept. 98	New York.
John H. Barnard.....	do	13 Sept. 98	Do.
Ralph Osborn.....	4 May 98	2 Sept. 98	Ohio.
Henry S. Crossman.....	do	24 Sept. 98	Massachusetts.
Truman H. Newberry.....	9 May 98	24 Aug. 98	Michigan.
Cyrus E. Lothrop.....	do	do	Do.
James P. Parker.....	do	16 Sept. 98	Massachusetts.
Alexander Duane.....	do	19 Aug. 98	New York.
William L. R. Emmet.....	12 May 98	24 Aug. 98	Do.
William N. King.....	do	9 Nov. 98	Do.
Gerard B. Townsend.....	do	10 Sept. 98	Do.
James Macfarlane.....	do	9 Sept. 98	Do.
James T. Bootes.....	13 May 98	1 Dec. 98	Ohio.
Royal P. Carroll.....	14 May 98	8 Sept. 98	New York.
George H. Norman, jr.....	do	1 Oct. 98	Rhode Island.
George E. Beckwith.....	18 May 98	2 Sept. 98	New York.
George I. Luce.....	do	do	Massachusetts.
Hector R. Campbell.....	do	do	New Jersey.
Robert B. Howell.....	19 May 98	2 Dec. 98	Nebraska.
William Elliott.....	20 May 98	8 Sept. 98	South Carolina.
Eugene I. Burn.....	do	do	Do.
Sidney St. J. Eshleman.....	do	15 Sept. 98	Louisiana.
Robert H. McKoy.....	do	9 Sept. 98	North Carolina.
Washington Irving.....	21 May 98	8 Oct. 98	New Jersey.
Irving Blount.....	do	do	Do.
Samuel Hughes.....	do	21 Nov. 98	Maryland.
John Ross.....	do	24 Oct. 98	District of Columbia.
William P. Stinson.....	do	1 Oct. 98	Maine.
Oscar White.....	24 May 98	12 Sept. 98	Texas.
Thaddeus R. Beal.....	do	9 Sept. 98	New York.
John A. Ubsdell.....	do	do	Illinois.
Henry Bryant.....	do	20 Dec. 98	Massachusetts.
William H. Clifford, jr.....	25 May 98	25 Oct. 98	Maine.
Harry M. Bigelow.....	do	9 Sept. 98	Do.
William S. Belding.....	do	17 Sept. 98	Maryland.
Charles L. Birmingham.....	do	13 Sept. 98	Do.
Robert C. Hull.....	do	26 Nov. 98	Do.
Thomas C. B. Howard.....	do	24 Sept. 98	Do.

^a Lieutenant (junior grade) 3 April, 1898.
^b Lieutenant (junior grade) 15 June, 1898.

LIEUTENANTS (JUNIOR GRADE)—Continued.

Name.	Date of appointment.	Date of discharge.	Appointed from—
William B. Franklin	25 May 98	17 Sept. 98	New York.
James S. Brown	26 May 98	3 Oct. 98	Tennessee.
Thomas F. Webb	.....do	.....do	South Carolina.
John A. Patjens	.....do	.....do	Do.
John Leech	28 May 98	15 Dec. 98	New York.
Ansel D. Lothrop, jr.	.....do	26 Nov. 98	Massachusetts.
Franz A. Ballaseyus	2 June 98	22 Oct. 98	South Dakota.
George H. Dunbar	.....do	2 Nov. 98	Maine.
Frederick Rouse	.....do	7 Nov. 98	New York.
Franca R. Wall	a 3 June 98	25 Nov. 98	Oregon.
William L. Sparks	7 June 98	19 Sept. 98	Illinois.
Claude E. Fitch	.....do	1 Oct. 98	Do.
Edward T. Irvine	8 June 98	2 Sept. 98	New York.
Joseph T. Rogers	.....do	.....do	Do.
John Bradshaw	.....do	.....do	Pennsylvania.
William S. P. Keyes	.....do	.....do	New York.
William L. Grant	.....do	.....do	Do.
William B. Porter	.....do	.....do	Do.
Charles H. Parker	b 17 June 98	17 Sept. 98	Massachusetts.
Albert Burnstine	21 June 98	19 Sept. 98	New York.
Max A. Orlopp	22 June 98	3 Sept. 98	Do.
Daniel M. Goodridge	.....do	22 Sept. 98	Connecticut.
Frank S. Cornwell	.....do	8 Oct. 98	Do.
Robert E. L. Hutchinsson	.....do	12 Oct. 98	Do.
Nathaniel W. Bishop	.....do	8 Sept. 98	Do.
Edwin C. Rhoads	23 June 98	8 Oct. 98	Pennsylvania.
William G. Mayer	.....do	28 Sept. 98	New York.
Henry L. Thompson	.....do	29 Dec. 98	New Jersey.
George H. Eiswald	29 June 98	8 Sept. 98	Rhode Island.
George H. Swan	1 July 98	.....do	South Carolina.
John J. Adkins	.....do	.....do	North Carolina.
Frank B. Avery	.....do	10 Sept. 98	Georgia.
Albert E. Thomas	2 July 98	10 Oct. 98	Massachusetts.
Jenness K. Dexter	.....do	8 Oct. 98	Do.
Thomas H. Gignilliat	7 July 98	1 Nov. 98	Georgia.
Lewis Mims	17 July 98	26 Aug. 98	Louisiana.
Preston Herndon	18 July 98	13 Sept. 98	Do.
Robert F. Spangenberg, jr.	.....do	26 Aug. 98	Do.
Nathaniel M. Hubbard, jr.	c 20 July 98	19 Nov. 98	Iowa.
Ogle T. Warren	27 July 98	16 Sept. 98	Illinois.
William L. Beers	d 30 July 98	22 Dec. 98	New York.
John M. Masury	8 Aug. 98	12 Oct. 98	Do.

ENSIGNS (152).

George B. Terrell	22 Apr. 98	16 Nov. 98	New Jersey.
Daniel H. Sughrue	23 Apr. 98	29 Sept. 98	Massachusetts.
Herbert L. Smith	.....do	30 Sept. 98	Do.
William M. Goodrich	30 Apr. 98	21 Sept. 98	Maryland.
Peter T. Coyle	.....do	8 Dec. 98	Do.
William D. W. Dimock	.....do	9 Sept. 98	New York.
Charles L. Andrews	.....do	8 Sept. 98	Do.
Charles J. Colrow	4 May 98	.....do	Virginia.
John L. Cowell	.....do	2 Sept. 98	New York.
John Farnsworth	.....do	12 Sept. 98	District of Columbia.
George P. Enstis	6 May 98	22 Nov. 98	Maryland.
Frederick L. Eaton	9 May 98	30 Aug. 98	Michigan.
Strathearn Hendrie	.....do	26 Aug. 98	Do.
Frederick D. Standish	.....do	30 Aug. 98	Do.
Walter R. Parker	.....do	26 Aug. 98	Do.
Frank B. Gaylord	.....do	.....do	Do.
Charles N. Borden	.....do	16 Sept. 98	Massachusetts.
William H. Gunning	.....do	19 Aug. 98	New York.
Charles S. McKinley	.....do	30 Aug. 98	South Carolina.
John T. Edson	12 May 98	17 Oct. 98	New York.
Charles O. Bond	.....do	30 Aug. 98	Pennsylvania.
Eugene N. Robinson	.....do	15 Sept. 98	New York.
Stuart W. Griffith	.....do	8 Sept. 98	Do.
John M. Blankenship	13 May 98	26 Sept. 98	Virginia.
James M. Bower	14 May 98	17 Nov. 98	Nebraska.
Douglas C. McDougal	.....do	4 Oct. 98	California.
William G. Powell	.....do	21 Nov. 98	New Jersey.
Edward T. Hoopes	.....do	3 Nov. 98	New York.
John De P. Dow	.....do	15 Aug. 98	Maryland.
William A. F. Smith	18 May 98	2 Sept. 98	New York.
Samuel K. Harlbnt	20 May 98	8 Oct. 98	Connecticut.
Charles W. Tuttle	.....do	6 Oct. 98	Illinois.

a Ensign, 24 May, 1898.

b Ensign, 14 May, 1898.

c Ensign, 10 May, 1898.

d Ensign, 11 May, 1898.

ENSIGNS—Continued.

Name.	Date of appointment.	Date of discharge.	Appointed from—
John J. Phelps	20 May 98	8 Sept. 98	New Jersey.
Richard P. Borden	do	29 Sept. 98	Massachusetts.
Henry G. Shaw	do	26 Aug. 98	Louisiana.
Howard S. Townsend	do	8 Sept. 98	South Carolina.
Aubrey Bartlett	do	19 Sept. 98	Louisiana.
Charles I. Kiehl	do	do	Do.
Hugh L. Miller	do	8 Sept. 98	North Carolina.
William B. Coleman	do	9 Sept. 98	Do.
Frank H. Silvers	do	28 Oct. 98	New Jersey.
Joseph F. Tatem	do	31 Oct. 98	Do.
Horace F. Fuller	21 May 98	19 Sept. 98	Massachusetts.
William O. Cohn	do	17 Sept. 98	Do.
Guy Norman	do	15 Sept. 98	Rhode Island.
Charles M. Vreeland	do	8 Oct. 98	New Jersey.
Thomas Goldingay	do	do	Do.
George H. Mather	do	2 Dec. 98	Do.
Daniel A. Dugan	do	10 Oct. 98	Do.
William P. O'Rourke	do	do	Do.
Hjalmer K. Anzelius	do	6 Dec. 98	Pennsylvania.
Frank C. Hall	do	15 Dec. 98	Do.
Jeremiah Cottrell	do	8 Dec. 98	Maryland.
James Byrne	do	7 Nov. 98	Massachusetts.
Dwight D. Book	do	14 Oct. 98	New York.
Arthur J. Henriques	do	28 Sept. 98	Do.
George F. Thomae	do	20 Dec. 98	New Jersey.
Leonard L. Rand	24 May 98	6 Dec. 98	Massachusetts.
Spencer M. Kase	do	1 Dec. 98	California.
John Martin	do	20 Sept. 98	New York.
John J. Leary	do	24 Sept. 98	Do.
Bertrand R. T. Collins	do	22 Oct. 98	Illinois.
William F. Glover	do	3 Nov. 98	Maine.
Edward O. Holloway	25 May 98	15 Sept. 98	New Jersey.
Walter T. Camp	do	17 Sept. 98	Maine.
Dwight F. Mallory	do	3 Sept. 98	Maryland.
John E. Reeside	do	10 Oct. 98	Do.
Charles M. Newman	do	3 Sept. 98	Do.
John H. Brown	do	do	Do.
Charles H. Hall	do	9 Sept. 98	New York.
Arthur N. Kemble	do	8 Oct. 98	New Jersey.
Charles F. Long	do	do	Do.
William E. Putts	do	3 Sept. 98	Maryland.
William M. Bostick	26 May 98	3 Oct. 98	South Carolina.
Wade F. Webb	do	5 Oct. 98	Do.
Edward A. Darby	28 May 98	19 Aug. 98	Do.
William G. David	do	3 Sept. 98	New York.
Frederic Parker	do	31 Aug. 98	Massachusetts.
Erik G. Lind	do	2 Dec. 98	Do.
Harry H. Donnell	do	27 Sept. 98	Maine.
John R. Harrell	2 June 98	12 Sept. 98	Louisiana.
Robeson L. Low	4 June 98	12 Oct. 98	New York.
Thomas S. Martin	do	28 Sept. 98	North Carolina.
Samuel D. Flood	7 June 98	16 Sept. 98	Illinois.
Roy A. Morehead	do	22 Dec. 98	Do.
Price Collier	8 June 98	8 Sept. 98	New York.
John Lawrence	10 June 98	31 Aug. 98	Massachusetts.
Charles L. Smith	do	12 Dec. 98	Michigan.
Paul M. La Bach	11 June 98	6 Oct. 98	Ohio.
George I. Middleton	13 June 98	24 Dec. 98	South Carolina.
Seth D. Gibbs	15 June 98	12 Oct. 98	Georgia.
Thomas J. Turner	do	2 Sept. 98	New York.
Rochester Cuming	do	do	Do.
James H. McDonall	do	do	Do.
Morgan Walcott	do	do	Do.
Richard Trimble	do	28 Sept. 98	Do.
George R. Lauriat	17 June 98	26 Nov. 98	Massachusetts.
Louis C. Roberts	18 June 98	30 Sept. 98	Illinois.
Warren F. Purdy	do	17 Sept. 98	Do.
Louis E. Tuzo	22 June 98	13 Oct. 98	New Jersey.
Freeman Bloodgood, jr.	do	9 Sept. 98	New York.
Hermann F. Cuntz	do	23 Sept. 98	Connecticut.
Stephen D. Baker	do	do	Do.
Louis F. Middlebrook	do	9 Sept. 98	Do.
Lyman Root	do	17 Sept. 98	Do.
Thomas M. Shaw	do	19 Sept. 98	California.
Louis E. Marie	23 June 98	24 Sept. 98	Pennsylvania.
Alexander W. Russell, jr.	do	12 Sept. 98	Do.
George M. Heins	do	6 Sept. 98	Do.
William J. Rodgers	do	8 Sept. 98	Do.
Harry H. Smith	do	12 Sept. 98	Do.
Addison E. Morgan	27 June 98	28 Nov. 98	California.
Robert J. Baird	do	21 Oct. 98	Connecticut.

ENSIGNS—Continued.

Name.	Date of appointment.	Date of discharge.	Appointed from—
Aniel Chase	27 June 98	22 Sept. 98	Massachusetts.
James M. Flinn	28 June 98	30 Dec. 98	Florida.
Eginald Norman	.....do	6 Sept. 98	Rhode Island.
Russell Raynor	.....do	8 Sept. 98	New York.
Markine M. Dickson	.....do	.....do	Pennsylvania.
Isaac Fitz Gerald	.....do	19 Aug. 98	Florida.
Charles E. Lawton	29 June 98	24 Sept. 98	Rhode Island.
Marshall W. Hall	.....do	3 Sept. 98	Do.
Lewis F. Burrough	.....do	17 Sept. 98	Do.
William H. Carry	.....do	14 Sept. 98	Do.
Horatio G. Dohrman	30 June 98	24 Oct. 98	Ohio.
Alfred D. Pearce	.....do	19 Sept. 98	New York.
John Wichart	1 July 98	8 Sept. 98	South Carolina.
Isaac E. Relyea	.....do	.....do	Do.
William B. Edgar	2 July 98	23 Sept. 98	Massachusetts.
Robert T. Moffatt	.....do	19 Sept. 98	Do.
Edward W. Hamlen	.....do	15 Oct. 98	Do.
William R. Wade	5 July 98	20 Sept. 98	Maine.
John T. Manier	6 July 98	19 Aug. 98	Florida.
Walter C. W. Auferman	7 July 98	12 Oct. 98	New York.
Henry H. Cushing	9 July 98	14 Nov. 98	Ohio.
John H. Potter	12 July 98	30 Dec. 98	Maine.
Samuel L. Crossing	.....do	5 Oct. 98	New York.
Michael J. Hewson	13 July 98	22 Nov. 98	Pennsylvania.
Frederick P. Hill	.....do	30 Sept. 98	New York.
F. Codman Ford	.....do	26 Aug. 98	Louisiana.
Richard W. G. Welling	14 July 98	8 Sept. 98	New York.
Edward N. Walbridge	18 July 98	12 Oct. 98	Do.
Oscar Grillo	.....do	26 Aug. 98	Louisiana.
Peter Butz	.....do	.....do	Do.
Donald Ferguson	.....do	.....do	Do.
Magnus F. S. von Loesecke	.....do	8 Sept. 98	Massachusetts.
John R. Buchan	.....do	8 Oct. 98	New York.
John F. Dwyer	19 July 98	7 Nov. 98	Do.
Ernest H. Gibbon	.....do	29 Aug. 98	Do.
Edgar T. White	20 July 98	8 Sept. 98	Massachusetts.
Harry J. Thompson	30 July 98	10 Oct. 98	Rhode Island.
Marion E. Kreider	.....do	13 Sept. 98	Illinois.
George C. Lodge	21 Sept. 98	18 Sept. 98	Massachusetts.

NAVAL CADETS (14).

Hilary A. Herbert, jr.	28 May 98	5 Dec. 98	District of Columbia.
Lorenzo B. T. Johnson	15 June 98	17 Sept. 98	Virginia.
Presley M. Rixey, jr.	.....do	6 Dec. 98	Do.
Louis G. Miller	21 June 98	1 Nov. 98	Ohio.
James W. Fesler	5 July 98	8 Dec. 98	Indiana.
Richard B. Creecy	8 July 98	10 Oct. 98	District of Columbia.
William C. Wise, jr.	9 July 98	7 Oct. 98	New York.
Rush R. Wallace, jr.	11 July 98	2 Nov. 98	Missouri.
John P. V. Gridley	14 July 98	6 Dec. 98	Pennsylvania.
Frank C. Armstrong	16 July 98	2 Nov. 98	New Jersey.
Benjamin P. Lamberton, jr.	20 July 98	6 Dec. 98	District of Columbia.
Walter H. Allen	21 July 98	23 Sept. 98	Connecticut.
Grenville D. Montgomery	22 July 98	31 Oct. 98	Pennsylvania.
Reynolds Hayden	6 Aug. 98	22 Nov. 98	District of Columbia.

PASSED ASSISTANT SURGEONS (13).

<i>Relative rank of Lieutenant.</i>			
Gardner W. Allen	23 Apr. 98	28 Sept. 98	Massachusetts.
Sidney O. Heiskell	30 Apr. 98	9 Dec. 98	Maryland.
John P. McGowan	.....do	8 Sept. 98	New York.
Delos L. Parker	9 May 98	26 Aug. 98	Michigan.
Norval H. Pierce	14 May 98	30 Sept. 98	Illinois.
Robert L. Parker	18 May 98	2 Sept. 98	New York.
Peter McGill	20 May 98	1 Dec. 98	New Jersey.
Maxwell S. Simpson	21 May 98	22 Oct. 98	Do.
John C. MacEvitt	24 May 98	9 Sept. 98	New York.
Joseph Sailer	15 July 98	12 Sept. 98	Pennsylvania.
<i>Relative rank of Lieutenant (junior grade).</i>			
Richard F. O'Neil	21 May 98	24 Sept. 98	Massachusetts.
James S. King	8 June 98	14 Sept. 98	New York.
Charles F. Peckham	29 June 98	20 Sept. 98	Rhode Island.

a Naval Cadet, 25 April, 1898.

HONORABLY DISCHARGED.

ASSISTANT SURGEONS (19).

Name.	Date of appointment.	Date of discharge.	Appointed from—
<i>Relative rank of Ensign.</i>			
George M. Coates.....	25 Apr. 98	13 Oct. 98	Pennsylvania.
Anton Heger.....	do	15 Sept. 98	New York.
Harold A. Johnson.....	2 May 98	8 Sept. 98	Massachusetts.
Frank S. Fielder.....	9 May 98	27 Sept. 98	New York.
Richard E. Edes.....	12 May 98	18 Oct. 98	Massachusetts.
Smith H. McKim.....	do	3 Oct. 98	Maryland.
Lauris E. Baldwin.....	14 May 98	23 Aug. 98	Illinois.
T. Ogier Hutson.....	20 May 98	8 Sept. 98	South Carolina.
John R. M. Dillon.....	do	19 Sept. 98	Louisiana.
Josiah M. Ward.....	do	20 Sept. 98	North Carolina.
Albert H. Heppner.....	do	7 Nov. 98	California.
Silas V. Merritt.....	21 May 98	13 Sept. 98	Massachusetts.
Owen P. Smith.....	25 May 98	22 Sept. 98	Maine.
Robert G. Le Conte.....	do	12 Sept. 98	Pennsylvania.
Frank E. Wagner.....	do	20 Oct. 98	Maryland.
Albert F. Graf.....	17 June 98	2 Sept. 98	Pennsylvania.
Thomas G. Odell.....	29 June 98	1 Dec. 98	Utah.
William H. Tukey.....	27 July 98	26 Sept. 98	Maine.
Philip S. Rieg.....	30 July 98	27 Sept. 98	Ohio.

PASSED ASSISTANT PAYMASTERS (5).

<i>Relative rank of Lieutenant.</i>			
Arthur H. Colby *.....	12 May 98	12 Dec. 98	New Jersey.
Thomas Kinsey.....	18 May 98	2 Sept. 98	Do.
William H. Fulper *.....	23 May 98	31 Dec. 98	Do.
William G. Barritt.....	17 June 98	2 Sept. 98	Do.
Howard E. Hinsley.....	do	22 Sept. 98	Do.

ASSISTANT PAYMASTERS (25).

<i>Relative rank of Ensign.</i>			
Alexander Brown.....	30 Apr. 98	2 Dec. 98	Pennsylvania.
John L. Bunce *.....	4 May 98	21 Nov. 98	Connecticut.
Louis M. Josephthal.....	12 May 98	5 Oct. 98	New York.
Arthur H. Pardington.....	15 May 98	17 Sept. 98	Do.
Richard A. Zerega.....	20 May 98	11 Oct. 98	Do.
John I. Hulsee.....	do	do	Louisiana.
William C. Jones.....	do	do	North Carolina.
Louis Epple.....	21 May 98	do	Massachusetts.
Heman M. Burr.....	do	19 Oct. 98	Do.
Ernest Carter.....	7 June 98	17 Sept. 98	New York.
Frank P. McMahon.....	do	21 Nov. 98	Do.
Charles R. Wood *.....	do	12 Dec. 98	Pennsylvania.
Frank B. Payne *.....	10 June 98	21 Nov. 98	Connecticut.
Edward C. Plummer *.....	28 June 98	do	Maine.
Frederick L. A verill *.....	8 July 98	do	Connecticut.
Frederick G. Crist.....	9 July 98	1 Oct. 98	California.
William H. Bell.....	do	10 Oct. 98	New York.
Charles T. Bishop.....	12 July 98	1 Dec. 98	Rhode Island.
John A. Jameson *.....	do	12 Dec. 98	Illinois.
William R. Heath *.....	15 July 98	21 Nov. 98	Virginia.
Louis A. Yorke.....	16 July 98	11 Oct. 98	North Dakota.
Isaac B. Smith *.....	do	21 Nov. 98	Iowa.
Thomas B. Connery, jr. *.....	21 July 98	12 Dec. 98	New York.
William F. French *.....	do	do	Massachusetts.
Roland W. Bell.....	10 Aug. 98	21 Sept. 98	Delaware.

* Discharged; honorable discharge to be issued upon settlement of accounts.

CHIEF ENGINEERS (8).

Name.	Date of appointment.	Date of discharge.	Appointed from—
<i>Relative rank of Lieutenant.</i>			
John Hunter	4 May 98	2 Sept. 98	New Jersey.
Henry W. Spangler	14 May 98	8 Sept. 98	Pennsylvania.
John Walls	18 May 98	2 Sept. 98	New York.
William L. Cathcart	10 June 98	22 Oct. 98	Pennsylvania.
John Philip	15 June 98	2 Sept. 98	New York.
James Cowan	do	do	Do.
Walter H. Bull	24 June 98	24 Dec. 98	Massachusetts.
Joseph L. Gilbert	25 July 98	8 Sept. 98	New York.

PASSED ASSISTANT ENGINEERS (32).

Name.	Date of appointment.	Date of discharge.	Appointed from—
<i>Relative rank of Lieutenant.</i>			
George W. Campbell	22 Apr. 98	4 Oct. 98	Pennsylvania.
Alfred B. Fry	30 Apr. 98	13 Sept. 98	New York.
William S. Aldrich	12 May 98	18 Oct. 98	West Virginia.
Joseph A. Scott	do	20 Dec. 98	Maryland.
Louis L. Bernier	14 May 98	1 Dec. 98	New York.
Granville Kimball	do	do	Illinois.
John MacLachlan	do	14 Sept. 98	New York.
William H. Badlam	do	31 Oct. 98	Massachusetts.
John McKernan	do	26 Sept. 98	Pennsylvania.
William D. Weaver	20 May 98	1 Dec. 98	New York.
Henry S. Pugsley	do	30 Dec. 98	Do.
Benjamin F. Hart, jr.	21 May 98	do	New Jersey.
Robert E. Hall	24 May 98	9 Sept. 98	New York.
Gavin McColl	15 June 98	2 Sept. 98	Do.
William Paterson	do	do	Do.
Robert B. Dick	13 July 98	12 Sept. 98	Pennsylvania.
<i>Relative rank of Lieutenant (junior grade).</i>			
Charles Robinson	4 May 98	2 Sept. 98	New York.
William S. Halsey	14 May 98	7 Nov. 98	Pennsylvania.
William Joyce	18 May 98	2 Sept. 98	New York.
Perry D. Blackden	21 May 98	14 Sept. 98	Massachusetts.
David Ritchie	24 May 98	10 Oct. 98	New York.
John H. Mittendorf	25 May 98	17 Nov. 98	Maryland.
Charles A. Daigh	do	24 Dec. 98	Massachusetts.
William M. Gilman	4 June 98	6 Sept. 98	Do.
Albert Lawrence	13 June 98	7 Oct. 98	New York.
Amasa Trowbridge	23 June 98	27 Sept. 98	Connecticut.
Michael A. Chambers	23 June 98	23 Nov. 98	Massachusetts.
Edwin G. Rust	24 June 98	8 Sept. 98	Virginia.
Mahlon C. Keason	do	19 Oct. 98	Illinois.
Fred C. Gettiffe	27 June 98	8 Sept. 98	California.
Harry P. Gray	do	do	Do.
Arthur D. Ostrander	23 July 98	22 Dec. 98	Michigan.

ASSISTANT ENGINEERS (65).

Name.	Date of appointment.	Date of discharge.	Appointed from—
<i>Relative rank of Lieutenant (junior grade).</i>			
William T. Millen	15 June 98	2 Sept. 98	New Jersey.
George Cartmell	do	do	Do.
James C. Walls	do	do	New York.
Colin Campbell	22 June 98	do	Do.
<i>Relative rank of Ensign.</i>			
George A. Kolb	22 Apr. 98	24 Oct. 98	New York.
John Anderson	4 May 98	2 Sept. 98	New Jersey.
Charles F. Thomson	do	do	Do.
Edward S. Van Wart	do	8 Sept. 98	New York.
Oscar Anderson	do	2 Sept. 98	Do.
Albert R. Jackson	9 May 98	8 Sept. 98	Massachusetts.
Frank W. Roller	12 May 98	31 Oct. 98	New York.
Lucius T. Gibbs	do	2 Nov. 98	Do.
William E. Dobbins	do	26 Sept. 98	Massachusetts.
Charles F. Taylor	do	2 Nov. 98	New Jersey.
Arthur L. Robinson	14 May 98	22 Dec. 98	Kentucky.
John R. Bertolett	do	do	Pennsylvania.

a Passed Assistant Engineer, 23 April, 1898.
b Passed Assistant Engineer, 9 May, 1898.

ASSISTANT ENGINEERS—Continued.

Name.	Date of appointment.	Date of discharge.	Appointed from—
<i>Relative rank of Ensign—Continued.</i>			
David J. Jenkins	14 May 98	29 Oct. 98	Pennsylvania.
Morris L. Cooke	do	23 Sept. 98	Do.
Herbert H. Morrison	do	5 Oct. 98	New York.
Nelson Macy	do	18 Oct. 98	Do.
John W. Gilmore	do	17 Sept. 98	Do.
James E. Hanley	do	2 Nov. 98	Do.
Louis B. Craig	do	24 Dec. 98	Iowa.
Thaddeus C. Dunlap	do	do	Ohio.
John M. Hite	do	22 Dec. 98	Maryland.
John Carstairs	18 May 98	2 Sept. 98	New York.
Michael McGinn	do	do	Pennsylvania.
Richard P. Browne	20 May 98	26 Sept. 98	Minnesota.
Richard C. Wilson	do	15 Sept. 98	Louisiana.
Walter A. Furlong	do	30 Sept. 98	North Carolina.
Harold W. Anderson	21 May 98	8 Oct. 98	New Jersey.
James Quilty	24 May 98	10 Nov. 98	New York.
Samuel P. Hinckley	25 May 98	19 Sept. 98	Maine.
Wyman G. Hawthorne	do	24 Dec. 98	New York.
William H. Touchstone	24 May 98	24 Sept. 98	South Carolina.
Martin H. Gerry	1 June 98	16 Nov. 98	Minnesota.
David M. Berry	3 June 98	7 Nov. 98	California.
Walter Kessler	do	5 Oct. 98	Indiana.
John F. Morris	do	31 Oct. 98	Pennsylvania.
Theodore Dimon	do	do	New York.
McCall Pate	do	do	South Carolina.
Clifford G. Woolson	do	27 Oct. 98	New Jersey.
Charles H. Treat	do	31 Oct. 98	New York.
Edwin G. Davis	do	10 Oct. 98	Massachusetts.
Austin D. Houghton	7 June 98	4 Nov. 98	Georgia.
Charles H. Kretz	15 June 98	7 Nov. 98	Louisiana.
William H. Mason	17 June 98	2 Nov. 98	West Virginia.
John V. Miller	20 June 98	1 Sept. 98	Ohio.
Frederick J. Simmonds	do	22 Dec. 98	Virginia.
Frederick C. Spencer	22 June 98	26 Aug. 98	Connecticut.
Rudolph E. Bruckner	do	28 Oct. 98	New Jersey.
Sanford K. Kenower	do	10 Nov. 98	Indiana.
George F. D. Rollings	do	do	District of Columbia.
Joseph E. Johnson, jr.	24 June 98	1 Nov. 98	Virginia.
Jere R. Daniell	do	19 Sept. 98	New Hampshire.
William Goodman	25 June 98	31 Oct. 98	Ohio.
Alfred E. Williams	27 June 98	26 Nov. 98	California.
Henry Guttin	29 June 98	1 Nov. 98	New York.
David C. Young	do	20 Dec. 98	Minnesota.
Erskine H. Cox	6 July 98	29 Dec. 98	Pennsylvania.
Charles M. Howe	14 July 98	do	Illinois.
Cloyd M. Chapman	25 July 98	17 Nov. 98	Ohio.
William A. Gordon	27 July 98	19 Nov. 98	Iowa.
Frank J. Borie	do	29 Oct. 98	Delaware.
James S. Jefferson	29 July 98	28 Sept. 98	Pennsylvania.

CARPENTERS (3).

Allan Galletly	23 Apr. 98	2 Sept. 98	Pennsylvania.
John L. Purple	3 May 98	8 Sept. 98	New York.
George Dale	21 June 98	2 Sept. 98	Do.

WARRANT MACHINISTS (15).

Name.	Date of appointment.	Date of discharge.	Appointed from—
Samuel Round.....	18 May 98	2 Sept. 98	New Jersey.
Vernon F. Preston.....	do	do	New York.
James Campbell.....	do	do	Do.
Archibald Jeffrey.....	do	do	Do.
James Lang.....	do	do	Do.
John W. Miles.....	do	do	Do.
George Cotsell.....	15 June 98	do	Do.
James A. Alderof.....	do	do	Do.
H. D. Haverfield.....	do	do	Pennsylvania.
Alexander F. Thomson.....	do	do	New Jersey.
Edwin R. Killgore.....	do	do	California.
Oskar Hofstrand.....	do	do	New York.
James W. Beynon.....	do	do	New Jersey.
David G. Findlay.....	do	do	New York.
Henry Black.....	22 June 98	do	Do.

MATES (14).

Philip L. Cosgrove, jr.....	10 Apr. 98	17 Oct. 98	Florida.
Bent A. Benson.....	12 Apr. 98	8 Sept. 98	New York.
John Peterson.....	15 Apr. 98	11 Nov. 98	Florida.
Willoughby H. Keeling.....	2 May 98	13 Sept. 98	Texas.
Charles A. Elwell.....	12 May 98	29 Aug. 98	Massachusetts.
John M. Murray.....	19 June 98	1 Nov. 98	South Carolina.
William F. Burke.....	22 June 98	9 Sept. 98	California.
Jesse M. Squier.....	do	13 Sept. 98	Do.
William G. Morrison.....	do	8 Sept. 98	Do.
George E. Kammerer.....	do	do	Do.
Albert H. Elliott.....	25 June 98	9 Sept. 98	Do.
John O'Brien.....	do	28 Oct. 98	South Carolina.
William H. E. Von Harten.....	do	15 Sept. 98	Do.
Herbert G. Porter.....	27 July 98	10 Oct. 98	Massachusetts.

SECOND LIEUTENANTS OF MARINES (9).

Oliver C. Hine.....	20 May 98	31 Dec. 98	District of Columbia.
Mauchlin Niven.....	do	do	New York.
Robert E. Carmody.....	26 May 98	do	Do.
Beverly C. Mosby.....	7 July 98	do	Utah.
Robert E. Devlin.....	25 July 98	do	New York.
Frederic H. Delano.....	2 Aug. 98	do	Do.
Frederick L. Bradman.....	do	do	Massachusetts.
William H. Parker.....	8 Aug. 98	do	District of Columbia.
Albert H. Church.....	do	do	Connecticut.

DISCHARGED (4).

Lieutenant Louis V. Housel.....	25 May 98	13 Sept. 98	Kansas.
Assistant Surgeon Charles N. Barney.....	22 May 98	15 Sept. 98	Massachusetts.
Assistant Paymaster J. Morton Riggs.....	9 June 98	2 Sept. 98	New York.
Warrant Machinist Timothy Hayden.....	15 June 98	6 Aug. 98	New Jersey.

MARINE CORPS (1).

Second Lieutenant Frank A. Kinne.....	25 July 98	10 Nov. 98	California.
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DROPPED (2).

Name.	Date of ap- pointment.	Date of discharge.	Appointed from—
Ensign Henry E. Williams	2 June 98	24 June 98	New York.
Warrant Machinist Robert Logan	22 June 98	9 Aug. 98	Massachusetts.

COMMISSION EXPIRED (1).

Ensign Daniel Chase	20 May 98	21 June 98	Massachusetts.
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STATIONS.

STATIONS.

NORTH ATLANTIC STATION.

Rear-Admiral **WILLIAM T. SAMPSON**, Commanding.
 Captain **FRENCH E. CHADWICK**, Chief of Staff.
 Lieutenant **SIDNEY A. STAUNTON**, Assistant Chief of Staff.
 Ensign **ERNEST L. BENNETT**, Flag Lieutenant.

NEW YORK.

Armored cruiser, 18 guns, 8,200 tons, 17,401 horsepower, twin screws.

- Signal No.
- 48. Captain French E. Chadwick, Commanding.
 - 176. Lieutenant-Commander William P. Potter.
 - 250. Lieutenant Henry H. Barroll.
 - 388. Lieutenant Augustus C. Almy.
 - 436. Lieutenant Edward E. Capehart.
 - 517. Lieutenant (junior grade) Frank Marble.
 - 691. Ensign Leigh C. Palmer.
 - 708. Naval Cadet Harlan P. Perrill.
 - 730. Naval Cadet Oscar D. Duncan.
 - 737. Naval Cadet Alfred C. Owen.
 - 750. Naval Cadet Charles Boone.
 - 755. Naval Cadet Zeno E. Briggs.
 - 874. Medical Inspector Charles U. Gravatt.
 - 931. Passed Assistant Surgeon Thomas A. Berryhill.
 - 993. Assistant Surgeon Raymond Spear.
 - 1065. Pay Inspector Arthur Burtis (fleet).
 - 1221. Chief Engineer Robert W. Milligan.
 - 1289. Passed Assistant Engineer Kenneth McAlpine.
 - 1353. Assistant Engineer Henry T. Baker.
 - 1378. Assistant Engineer George B. Rice.
 - 1383. Naval Cadet (engineer division) Louis C. Richardson.
 - 1401. Naval Cadet (engineer division) John S. Graham.
 - 1457. Chaplain Alfred L. Royce.
 - 2015. Captain of Marines Erastus R. Robinson.
 - Second Lieutenant of Marines Smedley D. Butler.
 - 1613. Boatswain Philip Mullen.
 - 1702. Acting Gunner George P. Brady.
 - 1759. Carpenter James I. Haley.

ALVARADO.

- Gunboat, 100 tons, single screw, 500 horsepower.
- 510. Lieutenant (junior grade) Victor Blue, Commanding.
 - 747. Naval Cadet James A. Hand, jr.

ARETHUSA.

- Steamer, 1,357 tons.
- 88. Commander John F. Merry, Commanding.
 - 311. Lieutenant Harry M. Hodges.
 - Ensign Custis P. Upshur.
 - Ensign Julius M. Dashiell.
 - Ensign Charles A. Thompson.
 - Assistant Surgeon George F. Freeman.
 - Assistant Paymaster Eugene F. Hall.
 - 1815. Passed Assistant Engineer Louis M. Nulton.

BROOKLYN.

- Armored cruiser, 20 guns, 9,215 tons, 18,769 horsepower, twin screws.
- 38. Captain Francis A. Cook, Commanding.
 - 181. Lieutenant-Commander Newton E. Mason.
 - 295. Lieutenant Albon C. Hodgson.
 - 368. Lieutenant William R. Rush.
 - 418. Lieutenant Edward Simpson.
 - 446. Lieutenant James G. Doyle.
 - 636. Ensign Charles Webster.
 - 685. Ensign Andrew E. Kalbach.
 - 693. Ensign Arthur MacArthur, jr.

Signal No.

- 724. Naval Cadet David F. Boyd, jr.
- 726. Naval Cadet Walter N. Falconer.
- 732. Naval Cadet Robert W. Henderson.
- 746. Naval Cadet Ralph N. Marble, jr.
- 753. Naval Cadet William P. Cronan.
- 754. Naval Cadet Ulysses S. Macy.
- 758. Naval Cadet Clarence A. Abele.
- 875. Medical Inspector-Paul Fitzsimons.
- 964. Passed Assistant Surgeon Charles M. DeValin.
- 1080. Paymaster Ichabod G. Hobbs.
- 1214. Chief Engineer Ralph Aston.
- 1296. Passed Assistant Engineer Albert Moritz.
- 1342. Assistant Engineer John P. J. Ryan.
- 1371. Assistant Engineer Edward T. Fitzgerald.
- 1393. Naval Cadet (engineer division) Fletcher L. Sheffield.
- 1398. Naval Cadet (engineer division) William B. Wells.
- 1471. Chaplain William T. Helms.
- 2025. Captain of Marines Paul St. C. Murphy.
- Second Lieutenant of Marines William B. Lemly.
- 1594. Boatswain William L. Hill.
- 1685. Gunner Franklin T. Applegate.
- 1745. Carpenter George H. Warford.

CASTINE.

- Gunboat, 8 guns, 1,177 tons, 2,199 horsepower, twin screws.
- 100. Commander Robert M. Berry, Commanding.
 - 276. Lieutenant Henry Morrell.
 - 359. Lieutenant William V. Bronaugh.
 - 518. Lieutenant (junior grade) Ashley H. Robertson.
 - 533. Lieutenant (junior grade) Herbert G. Gates.
 - 558. Ensign Matt H. Signor.
 - 967. Passed Assistant Surgeon Henry D. Wilson.
 - 1154. Assistant Paymaster Webb V. H. Rose.
 - 1301. Passed Assistant Engineer Robert B. Higgins.

CHICAGO.

- Protected cruiser, 18 guns, 4,500 tons, 9,000 horsepower, twin screws.
- 33. Captain, Philip H. Cooper, Commanding.
 - 195. Lieutenant-Commander Charles E. Colahan.
 - 325. Lieutenant Waldemar D. Rose.
 - 358. Lieutenant William S. Benson.
 - 415. Lieutenant William Truxton.
 - 464. Lieutenant (junior grade) Hilary P. Jones, jr.
 - 550. Ensign Philip Williams.
 - 559. Ensign William H. Buck.
 - 748. Naval Cadet Lyman A. Cotten.
 - 749. Naval Cadet Edward Woods.
 - 886. Surgeon Howard Wells.
 - 1005. Assistant Surgeon James R. Whiting.
 - 1102. Paymaster Richard T. M. Ball.
 - 1236. Chief Engineer Albert F. Dixon.
 - 1314. Passed Assistant Engineer Herman O. Stickney.
 - 1368. Assistant Engineer Thomas D. Parker.
 - 1468. Chaplain Harry W. Jones.
 - 2036. First Lieutenant of Marines George Barnett.
 - 1629. Acting Boatswain Charles Wouters.
 - 1703. Acting Gunner Hans Johnsen.
 - 1768. Acting Carpenter Clarence L. Bennett.

CINCINNATI.

Protected cruiser, 11 guns, 3,213 tons, 10,000 horsepower, twin screws.

Signal No.

46. Captain Colby M. Chester, Commanding.
 191. Lieutenant-Commander Edward B. Barry.
 269. Lieutenant Charles J. Badger.
 435. Lieutenant John A. Hoogewerff.
 592. Ensign William D. Brotherton.
 644. Ensign Fritz L. Sandoz.
 751. Naval Cadet Edward W. McIntyre.
 759. Naval Cadet Yancey S. Williams.
 919. Surgeon John M. Edgar.
 — Assistant Surgeon Henry A. Dunn.
 1117. Passed Assistant Paymaster Henry E. Jewett.
 1245. Chief Engineer John R. Edwards.
 1305. Passed Assistant Engineer William C. Herbert.
 1340. Assistant Engineer Emmet R. Pollock.
 1364. Assistant Engineer Frederic N. Freeman.
 2042. First Lieutenant of Marines John A. Lejeune.
 1692. Gunner Myles Joyce.
 1752. Carpenter Charles S. Taylor.

DETROIT.

Unprotected cruiser, 10 guns, 2,089 tons, 5,227 horsepower, twin screws.

92. Commander James H. Dayton, Commanding.
 223. Lieutenant Herman F. Rickbohm.
 322. Lieutenant Charles C. Rogers.
 432. Lieutenant Lewis J. Clark.
 472. Lieutenant (junior grade) Volney O. Chase.
 — Ensign John H. A. Day.
 962. Passed Assistant Surgeon Middleton S. Guest.
 1115. Paymaster Frank T. Arms.
 1240. Chief Engineer Stacy Potts.
 1363. Assistant Engineer Franklin D. Karns.
 1776. Acting Carpenter Benjamin D. Pender.

HIST.

Yacht, a 6 guns, 472 tons, 500 horsepower, single screw.

257. Lieutenant Lucien Young, Commanding.
 — Lieutenant (junior grade) Felix H. Hunnicke.
 — Ensign George W. Ryan.
 716. Naval Cadet Thomas C. Hart.
 1157. Assistant Paymaster Charles Morris, jr.
 1333. Assistant Engineer Edward S. Kellogg.
 1776. Acting Carpenter Benjamin D. Pender.

INDIANA (1st rate).

First-class battle ship, 16 guns, 10,288 tons, 9,738 horsepower, twin screws.

28. Captain Henry C. Taylor, Commanding.
 169. Lieutenant-Commander John A. Rodgers.
 292. Lieutenant Cameron McK. Winslow.
 333. Lieutenant Richard Henderson.
 383. Lieutenant William P. White.
 437. Lieutenant Henry B. Wilson.
 454. Lieutenant Frederick L. Chapin.
 512. Lieutenant (junior grade) Thomas Washington.
 574. Ensign Reginald R. Belknap.
 731. Naval Cadet Arthur St. C. Smith, jr.
 734. Naval Cadet Charles T. Owens.
 883. Surgeon Lucien G. Heneberger.
 986. Assistant Surgeon George D. Costigan.
 1091. Paymaster Reah Frazer.
 — Passed Assistant Engineer Carl M. Green.
 1370. Assistant Engineer Gatewood S. Lincoln.
 1348. Assistant Engineer Roscoe C. Moody.
 1389. Naval Cadet (engineer division) Ernest C. Keenan.
 1469. Chaplain William G. Cassard.
 2033. Captain of Marines Charles A. Doyen.
 — Second Lieutenant of Marines Charles S. Hatch.
 1618. Acting Boatswain John J. Rochfort.
 1684. Gunner George L. Mallory.
 1760. Carpenter George W. A. Bailey.

MACHIAS.

Gunboat, 8 guns, 1,177 tons, 2,046 horsepower, twin screws.

138. Commander Leavitt C. Logan, Commanding.
 252. Lieutenant Henry McCrea.

Signal No.

354. Lieutenant Albert W. Grant.
 375. Lieutenant Richard M. Hughes.
 549. Ensign Charles A. Brand.
 576. Ensign Arthur L. Willard.
 597. Ensign Frederick L. Sawyer.
 979. Passed Assistant Surgeon Theodore W. Richards.
 1139. Assistant Paymaster Walter B. Izard.
 1304. Passed Assistant Engineer Charles W. Dyson.

MARBLEHEAD.

Unprotected cruiser, 10 guns, 2,089 tons, 5,451 horsepower, twin screws.

76. Commander William W. Mead, Commanding.
 203. Lieutenant-Commander John A. H. Nickels.
 294. Lieutenant York Noel.
 564. Ensign Franklin B. Sullivan.
 626. Ensign Christopher C. Fewel.
 631. Ensign Alfred A. Pratt.
 956. Passed Assistant Surgeon Sheldon G. Evans.
 1121. Passed Assistant Paymaster Henry A. Dent.
 1253. Chief Engineer George S. Willits.
 1390. Naval Cadet (engineer division) George Van Orden.
 1771. Acting Carpenter Axel L. Sundqvist.

MARIETTA.

Composite gunboat, 6 guns, 1,000 tons, 1,054 horsepower twin screws.

126. Commander Frederick M. Symonds, Commanding.
 312. Lieutenant William B. Caperton.
 527. Lieutenant (junior grade) Henry K. Benham.
 532. Lieutenant (junior grade) Frederick B. Bassett.
 573. Ensign John K. Edle.
 633. Ensign Ridley McLean.
 947. Passed Assistant Surgeon George Rothganger.
 1153. Assistant Paymaster Harrison L. Robins.
 1298. Passed Assistant Engineer William H. Chambers.
 1773. Acting Carpenter Thomas W. Richards.

MASSACHUSETTS (1st rate).

First-class battle ship, 16 guns, 10,288 tons, 10,403 horsepower, twin screws.

43. Captain Nicoll Ludlow, Commanding.
 152. Lieutenant-Commander Seaton Schroeder.
 315. Lieutenant Templin M. Potts.
 336. Lieutenant Richard T. Mulligan.
 439. Lieutenant Spencer S. Wood.
 702. Ensign Roland I. Curtin.
 710. Naval Cadet David E. Theleen.
 760. Naval Cadet Thomas L. Johnson.
 763. Naval Cadet Franck T. Evans.
 895. Surgeon Samuel H. Dickson.
 999. Assistant Surgeon Edgar Thompson.
 1084. Paymaster Lawrence G. Boggs.
 1233. Chief Engineer Warner B. Bayley.
 1350. Assistant Engineer Ralph H. Chappell.
 1392. Naval Cadet (engineer division) Herman J. Elson.
 1396. Naval Cadet (engineer division) Louis Shane.
 1462. Chaplain Walter G. Isaacs.
 2029. Captain of Marines Thomas N. Wood.
 — Second Lieutenant of Marines Melville D. Chapman.
 1598. Boatswain Stephen McCarthy.
 1694. Acting Gunner David Lyons.
 1727. Carpenter John S. Walmeyer.

MAYFLOWER.

Steamer, 2 guns, 2,690 tons, 4,700 horsepower, twin screws.

93. Commander Morris R. S. Mackenzie, Commanding.
 320. Lieutenant Abraham E. Culver.
 539. Ensign William V. Pratt.
 593. Ensign James F. Carter.
 600. Ensign Charles T. Jewell.
 675. Ensign Albion J. Wadhams.
 912. Surgeon Samuel H. Griffith.
 — Assistant Paymaster Howard P. Ash.
 1264. Chief Engineer Robert S. Griffin.

a Secondary battery.

MONTGOMERY.

Unprotected cruiser, 10 guns, 2,089 tons, 5,580 horsepower, twin screws.

Signal No.

68. Commander George A. Converse, Commanding.
 247. Lieutenant Francis E. Greene.
 268. Lieutenant Hamilton Hutchins.
 449. Lieutenant Wiley R. M. Field.
 544. Ensign Louis K. de Steiguer.
 651. Ensign Roscoe Spear.
 656. Ensign Robert H. Osborn.
 920. Surgeon Lloyd W. Curtis.
 1132. Passed Assistant Paymaster Edmund W. Bonaffon.
 1229. Chief Engineer George Cowie.
 1334. Assistant Engineer David V. H. Allen.
 1388. Naval Cadet (engineer division) George Webber.

NASHVILLE.

Light-draft gunboat, 8 guns, 1,371 tons, 2,536 horsepower, twin screws.

90. Commander Washburn Maynard, Commanding.
 229. Lieutenant Albert C. Dillingham.
 365. Lieutenant John G. Quinby.
 541. Ensign Thomas P. Magruder.
 580. Ensign Henry C. Kuenzli.
 647. Ensign Carlton F. Snow.
 988. Assistant Surgeon Frank L. Pleadwell.
 1135. Assistant Paymaster Timothy S. O'Leary.
 1258. Chief Engineer Edward R. Freeman.
 1295. Passed Assistant Engineer Martin A. Anderson.
 1775. Acting Carpenter William E. Powell.

NEWARK.

Protected cruiser, 12 guns, 4,098 tons, 8,869 horsepower, twin screws.

53. Captain Caspar F. Goodrich, Commanding.
 211. Lieutenant-Commander William F. Low.
 235. Lieutenant John B. Milton.
 297. Lieutenant William G. Cutler.
 402. Lieutenant John H. Gibbons.
 505. Lieutenant (junior grade) Henry F. Bryan.
 — Ensign Albert Houston.
 712. Naval Cadet Needham L. Jones.
 885. Surgeon George E. H. Harmon.
 1000. Assistant Surgeon Elon O. Huntington.
 1109. Paymaster George W. Simpson.
 1216. Chief Engineer Henry S. Ross.
 1309. Passed Assistant Engineer Charles H. Hayes.
 — Passed Assistant Engineer Albert J. Mickley.
 — Assistant Engineer William D. Edwards.
 2051. First Lieutenant of Marines Edward R. Lowndes.
 1621. Acting Boatswain George B. Moncrief.
 1698. Acting Gunner Clifford H. Sheldon.
 1750. Carpenter John T. S. Miller.

NEW ORLEANS.

Protected cruiser, 10 guns, 3,437 tons, 7,500 horsepower, twin screws.

56. Captain William M. Folger, Commanding.
 187. Lieutenant-Commander William P. Day.
 289. Lieutenant William R. A. Rooney.
 334. Lieutenant Thomas D. Griffin.
 745. Naval Cadet Wilber G. Briggs.
 757. Naval Cadet William T. Tarrant.
 923. Surgeon Frederick J. B. Cordeiro.
 1110. Paymaster Harry R. Sullivan.
 1258. Chief Engineer Edgar T. Warburton.
 1345. Assistant Engineer John M. Hudgins.
 1377. Assistant Engineer Pope Washington.
 2045. First Lieutenant of Marines Theodore P. Kane.
 1622. Acting Boatswain Hugh J. Duffy.
 1695. Acting Gunner Theodore B. Watson.
 1766. Acting Carpenter Frank H. Preble.

PRINCETON.

Composite gunboat, 6 guns, 1,000 tons, 800 horsepower, single screw.

Signal No.

113. Commander Clifford H. West, Commanding.
 287. Lieutenant John M. Bowyer.
 363. Lieutenant Simon Cook.
 481. Lieutenant (junior grade) Armistead Rust.
 590. Ensign Richard H. Leigh.
 516. Ensign Lake McNamee.
 068. Ensign James Flinn.
 946. Passed Assistant Surgeon Charles H. T. Lowndes.
 1148. Assistant Paymaster George P. Dyer.
 1316. Passed Assistant Engineer John B. Patton.

SANDOVAL.

Gunboat, 2 guns, 100 tons, 137 horsepower, single screw.

444. Lieutenant Edwin A. Anderson, Commanding.
 — Ensign Franklin B. Harwood.

SCORPION.

Yacht, 8 guns, 850 tons, 2,800 horsepower, twin screws.

193. Lieutenant-Commander William H. Turner, Commanding.
 329. Lieutenant James C. Gillmore.
 589. Ensign Charles F. Preston.
 681. Ensign Jonas H. Holden.
 689. Ensign Wat T. Cluverius, jr.
 996. Assistant Surgeon Edward V. Armstrong.
 — Assistant Paymaster Edmund B. Iglehart.
 1281. Passed Assistant Engineer Samuel H. Leonard, jr.

TEXAS.

Second-class battle ship, 8 guns, 6,315 tons, 8,610 horsepower, twin screws.

44. Captain Charles D. Sigbee, Commanding.
 178. Lieutenant-Commander Giles B. Harber.
 220. Lieutenant Lewis C. Heilner.
 410. Lieutenant Harry Phelps.
 480. Lieutenant (junior grade) Harrison A. Bisplam.
 499. Lieutenant (junior grade) Mark L. Bristol.
 632. Ensign Irvin V. Gillis.
 713. Naval Cadet William H. Reynolds.
 720. Naval Cadet Gilbert Chase.
 725. Naval Cadet Frederick R. Holman.
 764. Naval Cadet Morris H. Brown.
 914. Surgeon Clement Biddle.
 987. Assistant Surgeon Middleton S. Elliott.
 1105. Paymaster John S. Carpenter.
 1220. Chief Engineer Alexander B. Bates.
 1321. Passed Assistant Engineer Doctor E. Dismukes.
 1344. Assistant Engineer Chester Wells.
 1347. Assistant Engineer Alfred W. Hinds.
 1387. Naval Cadet (engineer division) William D. Leahy.
 2055. First Lieutenant of Marines Cyrus S. Radford.
 1609. Boatswain John F. Brooks.
 1672. Gunner Francis Martin.
 1767. Acting Carpenter Alfred R. Mackie.

TOPEKA.

Gunboat, 6 guns, 1,700 tons, 2,000 horsepower, single screw.

140. Commander William S. Cowles, Commanding.
 251. Lieutenant William E. Sewell.
 389. Lieutenant John Hood.
 497. Lieutenant (junior grade) Edward T. Witherspoon.
 508. Lieutenant (junior grade) Archibald H. Scales.
 589. Ensign John H. Dayton.
 595. Ensign George C. Day.
 619. Ensign William K. Gise.
 972. Passed Assistant Surgeon Charles E. Riggs.
 1144. Assistant Paymaster Arthur F. Huntington.
 1240. Chief Engineer Robert G. Denig.

a Secondary battery.

PACIFIC STATION.

Commodore ALBERT KAUTZ, Commanding.
Lieutenant WILLIAM G. MILLER, Flag Lieutenant.
Ensign DAVID F. SELLERS, Secretary.

PHILADELPHIA.

Protected cruiser, 12 guns, 4,324 tons, 8,815 horsepower,
twin screws.

Signal
No.

62. Commander Edwin White, Commanding.
179. Lieutenant-Commander Thomas H. Stevens.
355. Lieutenant Philip V. Lansdale.
440. Lieutenant Guy W. Brown.
455. Lieutenant Harry A. Field.
509. Lieutenant (junior grade) Ford H. Brown.
559. Ensign John R. Monaghan.
761. Naval Cadet George T. Pettingill.
762. Naval Cadet George C. Sweet.
765. Naval Cadet David C. Hanrahan.
766. Naval Cadet John F. Babcock.
870. Medical Inspector Dwight Dickinson.
949. Passed Assistant Surgeon George A. Lung.
— Assistant Surgeon Henry E. Odell.
1087. Paymaster Josiah R. Stanton.
1222. Chief Engineer Albert C. Engard.
1311. Passed Assistant Engineer William W. Bush.
— Passed Assistant Engineer Charles A. McAllister.
— Assistant Engineer Thomas W. Clark.
— Assistant Engineer Norris K. Davis.
1454. Chaplain Adam A. McAllister.
2039. First Lieutenant of Marines Con M. Perkins.
1624. Acting Boatswain John S. Croghan.
1705. Acting Gunner Charles E. Jaffe.
1763. Acting Carpenter Joseph A. Barton.

BADGER.

Cruiser, 6 guns, 4,784 tons, 8,200 horsepower, single screw.

Signal
No.

130. Commander James M. Miller, Commanding.
314. Lieutenant Henry C. Gearing.
235. Lieutenant John B. Milton.
334. Lieutenant Thomas D. Griffin.
599. Ensign John R. Y. Blakely.
607. Ensign Yates Stirling, jr.
925. Surgeon Oliver D. Norton.
— Assistant Paymaster Warren L. Sawyer.
— Chief Engineer Robert S. Paul.
1584. Boatswain William A. Cooper.
1757. Carpenter Joseph A. O'Connor.

YORKTOWN.

Gunboat, 6 guns, 1,710 tons, 3,392 horsepower, twin screws.

94. Commander Charles S. Sperry, Commanding.
242. Lieutenant Chauncey Thomas.
335. Lieutenant Henry Minett.
380. Lieutenant George E. Clark.
672. Ensign William H. Standley.
686. Ensign Daniel W. Wurtzbaugh.
695. Ensign Dudley W. Knox.
953. Passed Assistant Surgeon Robert M. Kennedy.
1159. Assistant Paymaster Frederick K. Perkins.
1247. Chief Engineer Henry T. Cleaver.
— Assistant Engineer James F. Snow.
— Assistant Engineer James R. Selfridge.

ASIATIC STATION.

Rear-Admiral GEORGE DEWEY, Commanding.
Lieutenant THOMAS M. BRUMBY, Flag Secretary.
Ensign HARRY H. CALDWELL, Secretary.

OLYMPIA.

Protected cruiser, 14 guns, 5,870 tons, 17,313 horsepower,
twin screws.

49. Captain Benjamin P. Lamberton, Commanding.
227. Lieutenant Charles E. Vreeland.
357. Lieutenant Valentine S. Nelson.
367. Lieutenant Percival J. Werlich.
414. Lieutenant Albert P. Niblack.
562. Ensign Montgomery M. Taylor.
627. Ensign Frank B. Upham.
641. Ensign William P. Scott.
646. Ensign Arthur G. Kavanagh.
668. Ensign Henry V. Butler.
739. Naval Cadet Irwin F. Landis.
866. Medical Inspector Abel F. Price (fleet).
961. Passed Assistant Surgeon John E. Page.
989. Assistant Surgeon Dudley N. Carpenter.
1071. Pay Inspector Daniel A. Smith (fleet).
1219. Chief Engineer John D. Ford (fleet).
1357. Assistant Engineer Edwin H. DeLany.
1365. Assistant Engineer John F. Marshall, jr.
1464. Chaplain William H. I. Reaney.
2023. Captain of Marines Otway C. Berryman.
1708. Acting Gunner Andrew Olsson.
1818. Pharmacist Alikr Hammar.

BALTIMORE.

Protected cruiser, 10 guns, 4,413 tons, 10,664 horsepower,
twin screws.

45. Captain Nehemiah M. Dyer, Commanding.
184. Lieutenant-Commander John B. Briggs.
249. Lieutenant William P. Elliott.
284. Lieutenant Frank H. Holmes.

7535—9

BARCELO.

715. Naval Cadet William R. White, commanding.

BENNINGTON.

Gunboat, 6 guns, 1,710 tons, 3,436 horsepower, twin screws.

142. Commander Edward D. Tansig, Commanding.
278. Lieutenant Charles B. T. Moore.
616. Ensign Edward H. Campbell.
649. Ensign Roscoe C. Bulmer.
655. Ensign William S. Whitted.
658. Ensign George E. Gelm.
687. Ensign Ivan C. Wettengel.
970. Passed Assistant Surgeon Brownlee R. Ward.
1128. Passed Assistant Paymaster Barron P. Du Bois.
1267. Passed Assistant Engineer Howard Gage.
1356. Assistant Engineer Emory Winship.

BOSTON.

Protected cruiser, 8 guns, 3,000 tons, 4,030 horsepower, single screw.

Signal No.

59. Captain George F. F. Wilde, Commanding.
 198. Lieutenant-Commander John A. Norris.
 291. Lieutenant Bernard O. Scott.
 398. Lieutenant John Gibson.
 448. Lieutenant William L. Howard.
 526. Lieutenant (junior grade) Samuel S. Robison.
 567. Ensign Lay H. Everhart.
 581. Ensign Henry H. Hough.
 927. Surgeon Louis W. Atlee.
 984. Assistant Surgeon Robert S. Blakeman.
 1097. Paymaster John R. Martin.
 1211. Chief Engineer George B. Ransom.
 1349. Assistant Engineer Leland F. James.
 — Assistant Engineer Julius I. Wile.
 — Assistant Engineer William L. Walker.
 — Assistant Engineer Gilbert Bloss.
 2050. First Lieutenant of Marines Robert McM. Dutton.
 1693. Acting Gunner Levin J. Wallace.
 1761. Acting Carpenter William Boone.

BRUTUS.

- Collier, a 2 guns, 1,200 horsepower, single screw.
 283. Lieutenant Vincendon L. Cottman, Commanding.
 — Lieutenant (junior grade) John T. McMillan.
 — Ensign Williamson Dunn.
 — Assistant Surgeon Chauncey R. Burr.
 1328. Passed Assistant Engineer Armin Hartrath.

BUFFALO.

Cruiser, 6 guns, 6,888 tons, 3,600 horsepower, single screw.

104. Commander Joseph N. Hemphill, Commanding.
 270. Lieutenant Samuel W. B. Diehl.
 503. Lieutenant (junior grade) George W. Logan.
 590. Ensign George W. Williams.
 575. Ensign De Witt Blamer.
 605. Ensign Fred R. Payne.
 615. Ensign Eugene L. Bisset.
 622. Ensign Orton P. Jackson.
 756. Naval Cadet Water B. Tardy.
 767. Naval Cadet Charles P. Nelson.
 928. Surgeon Isaac W. Kite.
 934. Passed Assistant Surgeon George M. Pickrell.
 1008. Assistant Surgeon Daniel G. Beebe.
 1140. Assistant Paymaster David Potter.
 1266. Chief Engineer Frederick C. Bieg.
 — Assistant Engineer Lee D. Fisher.
 — Assistant Engineer George B. Massey.
 — Assistant Engineer William E. Dickey.
 2068. Second Lieutenant of Marines Louis J. Magill.
 2069. Second Lieutenant of Marines Melville J. Shaw.
 1625. Acting Boatswain Timothy Sullivan.
 1706. Acting Gunner Samuel Chiles.

CALLAO.

Gunboat, a 4 guns, 250 horsepower, twin screws.

324. Lieutenant Benjamin Tappan, Commanding.
 543. Ensign George B. Bradshaw.
 — Assistant Engineer Albert D. Brown.

CHARLESTON.

Protected cruiser, 8 guns, 3,730 tons, 6,666 horsepower, twin screws.

51. Captain William H. Whiting, Commanding.
 171. Lieutenant-Commander Gottfried Blocklinger.
 337. Lieutenant William Braunersreuther.
 360. Lieutenant Frank M. Bostwick.
 473. Lieutenant (junior grade) George R. Slocum.
 487. Lieutenant (junior grade) Robert E. Coontz.
 571. Ensign William A. Moffett.
 584. Ensign Waldo Evans.
 915. Surgeon Henry T. Percy.
 976. Passed Assistant Surgeon Ammen Farenholt.
 1113. Paymaster James S. Phillips.
 1226. Chief Engineer Richard Inch.
 1306. Passed Assistant Engineer Josiah S. McKean.
 1369. Assistant Engineer Charles L. Leiper.
 1373. Assistant Engineer Albert W. Marshall.
 1379. Assistant Engineer James B. Henry, jr.

Signal No.

- Assistant Engineer Harry E. Middleton.
 2067. Second Lieutenant of Marines John T. Myers.
 1604. Boatswain Dominick Glynn.
 1659. Gunner Arthur A. Phelps.
 1762. Acting Carpenter John H. Gill.

CONCORD.

Gunboat, 6 guns, 1,710 tons, 3,405 horsepower, twin screws.

83. Commander Asa Walker, Commanding.
 194. Lieutenant-Commander George P. Colvocoresses.
 266. Lieutenant Thomas B. Howard.
 411. Lieutenant Patrick W. Hourigan
 484. Lieutenant (junior grade) Charles M. McCormick.
 546. Ensign Louis A. Kaiser.
 662. Ensign William C. Davidson.
 678. Ensign Orlo S. Knepper.
 974. Passed Assistant Surgeon Richard G. Brodrick.
 — Assistant Paymaster Louis Poessel.
 1262. Chief Engineer Reynold T. Hall.
 1310. Passed Assistant Engineer Horace W. Jones.
 — Assistant Engineer James L. Smith.
 1709. Acting Gunner Patrick Hill.

CULGOA.

Supply steamer.

170. Lieutenant-Commander James W. Carlin, Commanding.

HELENA.

Light-draft gunboat, 8 guns, 1,392 tons, 1,988 horsepower, twin screws.

106. Commander William T. Swinburne, Commanding.
 209. Lieutenant Charles Laird.
 352. Lieutenant Arthur W. Dodd.
 490. Lieutenant (junior grade) Joseph W. Oman.
 504. Lieutenant (junior grade) Edward Moale, jr.
 557. Ensign Cleland Davis.
 696. Ensign Charles E. Gilpin.
 968. Passed Assistant Surgeon Lewis Morris.
 1150. Assistant Paymaster Robert H. Orr.
 1258. Chief Engineer Frank H. Eldridge.

MANILA.

Gunboat, 2 guns.

173. Lieutenant-Commander Frederic Singer, Commanding.
 377. Lieutenant John H. L. Holcombe.
 617. Ensign Charles J. Lang.
 1300. Passed Assistant Engineer Harry G. Leopold.
 — Passed Assistant Engineer Frank L. Strong.

MONADNOCK.

Double-turret monitor, 6 guns, 3,990 tons, 3,000 horsepower, twin screws.

75. Commander Henry E. Nichols, en route to command.
 218. Lieutenant-Commander Alexander McCrackin.
 259. Lieutenant Charles E. Fox.
 349. Lieutenant James P. Parker.
 382. Lieutenant Allen G. Rogers.
 586. Ensign Jay H. Sypher.
 629. Ensign Richard S. Douglas.
 663. Ensign Harris Laning.
 718. Naval Cadet Leonard R. Sargent.
 723. Naval Cadet Walton R. Sexton.
 905. Surgeon John M. Steele.
 1010. Assistant Surgeon Jerome S. Chaffee.
 1108. Paymaster Willis B. Wilcox.
 1257. Chief Engineer Theodore F. Burgdorff.
 1361. Assistant Engineer James P. Morton.
 — Assistant Engineer Thomas Alward.
 1386. Naval Cadet (engineer division) Peter L. Pratt.
 1667. Gunner Joseph R. Ward.
 1748. Carpenter George J. Shaw.

MONOCACY.

Light-draft gunboat, 6 guns, 1,370 tons, 850 horsepower, paddle.

108. Commander George A. Bicknell, Commanding.
 537. Ensign Benjamin F. Hutchinson.
 620. Ensign Thomas S. Wilson.
 930. Passed Assistant Surgeon Corbin J. Decker.

a Secondary battery.

Signal
No.

1142. Passed Assistant Paymaster George M. Lukesh.
Assistant Engineer Henry M. Lepps.

MONTEBEY.

Barbette turret, low free-board monitor, 4 guns, 4,084 tons'
5,244 horsepower, twin screws.

120. Commander Engene H. C. Leutze, Commanding.
305. Lieutenant Frank E. Beatty.
346. Lieutenant Augustus F. Fechteler.
364. Lieutenant Thomas S. Rodgers.
379. Lieutenant Harry Kimmell.
425. Lieutenant Wilson W. Buchanan.
461. Lieutenant (junior grade) John D. McDonald.
528. Lieutenant (junior grade) Charles F. Hughes.
1100. Paymaster Eustace B. Rogers.
1228. Chief Engineer Holland N. Stevenson.
— Passed Assistant Engineer Frederic W. Baker.
1119. Naval Cadet (engineer division) Daniel S. Mahony.
1891. Acting Gunner James Donald.
1753. Acting Carpenter William F. Harding.

NANSHAN.

Steel steamer, 4,827 tons.

350. Lieutenant Ben W. Hodges, Commanding.
1119. Passed Assistant Paymaster Eugene D. Ryan.
1636. Acting Boatswain August Rettig.

PETREL.

Gunboat, 4 guns, 892 tons, 1,095 horsepower, single screw.

146. Lieutenant-Commander Charles C. Cornwell, Commanding.
222. Lieutenant Edward M. Hughes.
283. Lieutenant Bradley A. Fiske.
373. Lieutenant Albert N. Wood.
468. Lieutenant (junior grade) Charles P. Plunkett.
612. Ensign William S. Montgomery.
966. Passed Assistant Surgeon Carl D. Brownell.
1131. Passed Assistant Paymaster George G. Seibels.
1288. Passed Assistant Engineer Gustav Kaemmerling.
— Assistant Engineer William S. Barger.
1770. Acting Carpenter Franz A. Itrich.

RALEIGH.

Protected cruiser, 11 guns, 3,213 tons, 10,000 horsepower,
twin screws.

Signal
No.

41. Captain Joseph B. Coghlan, Commanding.
201. Lieutenant-Commander Thomas S. Phelps, jr.
277. Lieutenant William Winzer.
434. Lieutenant Hugh Rodman.
520. Lieutenant (junior grade) Casey B. Morgan.
623. Ensign Frank L. Chadwick.
638. Ensign Provoost Babin.
909. Surgeon Emlyn H. Marsteller.
969. Passed Assistant Surgeon John M. Moore.
1111. Paymaster Samuel L. Heap.
1213. Chief Engineer James Entwistle.
1303. Passed Assistant Engineer Ward P. Winchell.
1306. Passed Assistant Engineer Alexander S. Halstead.
1338. Assistant Engineer John R. Brady.
— Assistant Engineer Walter H. Steiger.
— Assistant Engineer Percy L. Neel.
— Assistant Engineer Horatio N. Emmons.
2056. First Lieutenant of Marines Thomas C. Treadwell.
1623. Acting Boatswain Edward J. Norcott.
1690. Acting Gunner Gaston D. Johnstone.
1756. Carpenter Timothy E. Kiley.

YOSEMITE.

Cruiser, 10 guns, 6,179 tons, 3,800 horsepower, single
screw.

79. Commander George E. Ide, Commanding.
385. Lieutenant John E. Craven.
513. Lieutenant (junior grade) Francis Boughter.
449. Ensign Charles A. Brand.
683. Ensign Charles L. Poor.
919. Surgeon Philip Leach.
1007. Assistant Surgeon Alfred G. Grunwell.
— Passed Assistant Engineer Frank D. Terry.
1602. Boatswain Hugh Sweeney.
1666. Gunner Michael W. Gilmartin.
1741. Carpenter Wilbur F. Stevenson.
1846. Sailmaker Frank Watson.

ZAFIRO.

Collier.

621. Ensign Henry A. Pearson, Commanding.

SQUADRON FOR SPECIAL SERVICE.

Captain ALBERT S. BARKER, Senior Officer.

OREGON.

First-class battle ship, 16 guns, 10,288 tons, 11,111 horse-
power, twin screws.

22. Captain Albert S. Barker, Commanding.
185. Lieutenant-Commander Arthur P. Nazro.
816. Lieutenant William H. Allen.
413. Lieutenant Albert A. Ackerman.
483. Lieutenant (junior grade) Edward W. Eberle.
570. Ensign Lucius A. Boatwick.
588. Ensign Horace G. Macfarland.
680. Ensign Rufus Z. Johnston, jr.
707. Naval Cadet Harry E. Yarnell.
714. Naval Cadet Luther M. Overstreet.
719. Naval Cadet Cyrus R. Miller.
738. Naval Cadet Samuel G. Magill, jr.
740. Naval Cadet Clarence S. Kempff.
889. Surgeon Frank B. Stephenson.
995. Assistant Surgeon Harold H. Haas.
999. Assistant Surgeon John B. Dennis.
1118. Passed Assistant Paymaster Ziba W. Reynolds.
1235. Chief Engineer James H. Perry.
1330. Passed Assistant Engineer Stanford E. Moses.
1354. Assistant Engineer Frank Lyon.
1359. Assistant Engineer Charles K. Mallory.
1366. Assistant Engineer Ernest F. Eckhardt.
1374. Assistant Engineer Charles P. Burt.
1385. Naval Cadet (engineer division) Henry N. Jenson.
1397. Naval Cadet (engineer division) Guy W. Faller.

2028. Captain of Marines Randolph Dickins.
— Second Lieutenant of Marines Robert F. Wynne.
1599. Boatswain John Costello.
1701. Acting Gunner Simon Jacobs.
1765. Acting Carpenter John P. Yates.

CELTIC.

Supply ship, 6,428 tons, 1,890 horsepower, single screw.

200. Lieutenant-Commander Nathaniel J. K. Patch, Com-
manding.
389. Lieutenant William S. Hogg.
565. Ensign Charles T. Vogelgesang.
645. Ensign John McC. Luby.
660. Ensign Frank H. Brumby.
990. Assistant Surgeon Daniel H. Morgan.
1152. Assistant Paymaster Franklin W. Hart.
— Passed Assistant Engineer Thomas P. Neilson.
1334. Naval Cadet (engineer division) Henry C. Dinger.
1395. Naval Cadet (engineer division) Alexander N. Mitchell.
1627. Acting Boatswain John E. Murphy.

IOWA.

First-class battle ship, 18 guns, 11,340 tons, 12,105 horse-
power, twin screws.

25. Captain Silas W. Terry, Commanding.
148. Lieutenant-Commander Raymond P. Rodgers.

Signal
No.

265. Lieutenant William H. Schuetze.
 342. Lieutenant Horace M. Witzel.
 344. Lieutenant John M. Orchard.
 424. Lieutenant Louis S. Van Duzer.
 485. Lieutenant (junior grade) Glennie Tarbox.
 529. Lieutenant (junior grade) Albert L. Norton.
 536. Ensign Nathan C. Twining.
 690. Ensign Duncan M. Wood.
 709. Naval Cadet Arthur J. Hepburn.
 717. Naval Cadet Orin G. Murfin.
 721. Naval Cadet Joseph W. Graeme.
 722. Naval Cadet Victor S. Houston.
 727. Naval Cadet Albert H. McCarthy.
 728. Naval Cadet Hilary Williams.
 736. Naval Cadet William C. Asserson.
 883. Surgeon Manly H. Simons.
 935. Passed Assistant Surgeon Rand P. Crandall.
 1014. Assistant Surgeon Francis M. Furlong.
 1088. Paymaster James A. Ring.
 1225. Chief Engineer Charles W. Rae.
 1282. Passed Assistant Engineer Leo D. Miner.
 1343. Assistant Engineer John R. Morris.
 1362. Assistant Engineer Daniel M. Garrison.
 1372. Assistant Engineer Henry O. Bisset.
 1382. Naval Cadet (engineer division) Henry L. Collins.
 1384. Naval Cadet (engineer division) Andrew T. Graham.
 1472. Chaplain Frederic C. Brown.
 2032. Captain of Marines Lincoln Karmany.
 — Second Lieutenant of Marines Henry C. Davis.
 1631. Acting Boatswain Eugene M. Isaac.
 1700. Acting Gunner George Charrette.
 1755. Carpenter Frank Johnson.

IRIS.

Distilling ship, 6,100 tons, 1,300 horsepower, single screw.

212. Lieutenant-Commander Nelson T. Houston, Commanding.
 428. Lieutenant William E. Safford.
 670. Ensign James J. Raby.
 673. Ensign Arthur T. Chester.
 677. Ensign Edward H. Watson.
 — Assistant Surgeon Warren E. High.
 1158. Assistant Paymaster Abel B. Pierce.

AMPHITRITE.

Double-turret monitor, 6 guns, 3,900 tons, 1,600 horsepower, twin screws.

47. Captain Charles J. Barclay, Commanding.
 197. Lieutenant-Commander Albert G. Berry.
 313. Lieutenant James T. Smith.
 502. Lieutenant (junior grade) Levi C. Bertolette.
 566. Ensign Charles B. McVay, jr.
 582. Ensign Harley H. Christy.
 676. Ensign Kenneth M. Bennett.
 904. Surgeon Henry G. Beyer.
 1004. Assistant Surgeon Eugene J. Grow.
 1112. Paymaster John Q. Lovell.
 1242. Chief Engineer William C. Eaton.
 1689. Gunner Herbert Campbell.
 1754. Carpenter William J. Wren.

DOLPHIN.

Dispatch boat, 3 guns, 1,486 tons, 2,253 horsepower, single screw.

91. Commander Henry W. Lyon, Commanding.
 404. Lieutenant Thomas Snowden.
 538. Ensign Sumner E. W. Kittelle.
 548. Ensign William C. Cole.
 906. Surgeon James E. Gardner.
 1141. Assistant Paymaster Samuel Bryan.
 1271. Passed Assistant Engineer Benjamin C. Bryan.

a Secondary battery.

Signal
No.

1255. Chief Engineer William N. Little.
 1360. Assistant Engineer Newton Mansfield.
 1399. Naval Cadet (engineer division) Edward T. Con-
 stien.
 1400. Naval Cadet (engineer division) John A. Schofield.

JUSTIN.

Collier, 2 guns, 3,300 tons, single screw.

136. Commander Wells L. Field, Commanding.
 442. Lieutenant Marbury Johnston.
 — Lieutenant (junior grade) George Breed.
 694. Ensign Frank E. Ridgely.
 699. Ensign Earl P. Jessop.
 — Assistant Surgeon Jacob Stepp.
 — Assistant Paymaster John R. Sanford.
 — Passed Assistant Engineer Michael N. Usina.

SCINDIA.

Collier, 2 guns, 7,500 tons, 3,000 horsepower, single screw.

87. Commander Eugene W. Watson, Commanding.
 279. Lieutenant Ten Eyck D. W. Veeder.
 554. Ensign Frank H. Schofield.
 682. Ensign Thomas T. Craven.
 700. Ensign John H. Roys.
 701. Ensign Henry C. Muetin.
 — Assistant Surgeon Henry D. Averill.
 1156. Assistant Paymaster Charles W. Penrose.
 1323. Passed Assistant Engineer John H. Rowen.

STERLING.

Collier, 2 guns, 5,663 tons, 926 horsepower, single screw.

165. Lieutenant-Commander James R. Selfridge, Com-
 manding.
 — Lieutenant Warner H. Nostrand.
 — Ensign Whitney I. Eisler.
 — Ensign Edward R. Cassidy.
 — Assistant Surgeon Frederick M. Bogan.
 — Assistant Paymaster Charles R. O'Leary.
 — Passed Assistant Engineer David P. Moran.
 1633. Acting Boatswain Andrew Anderson.

SPECIAL SERVICE.

EAGLE.

Yacht, 2 guns, 434 tons, 850 horsepower, single screw.

303. Lieutenant Frank F. Fletcher, Commanding.
 606. Ensign Powers Symington.
 — Assistant Surgeon Frank B. Hancock.

GLACIER.

Refrigerator ship, 2 guns, single screw.

- Lieutenant William S. Secombe, Commanding.
 — Lieutenant (junior grade) Hugh K. Norman.
 — Lieutenant (junior grade) Thomas M. MacKnight.
 — Ensign Hugh McPherson.
 — Ensign William C. White.
 946. Passed Assistant Surgeon George H. Barber.
 1096. Paymaster William W. Galt.
 — Assistant Engineer Warner H. Miller.
 — Assistant Engineer William H. Johnson.

LANCASTER.

Cruiser, 12 guns, 3,250 tons, 1,000 horsepower, single screw.

81. Commander Thomas Perry, Commanding.
 246. Lieutenant John E. Roller.
 378. Lieutenant William L. Burdick.
 477. Lieutenant (junior grade) Joseph Strauss.
 542. Ensign William D. Mac Dougall.
 555. Ensign Jehu V. Chase.
 613. Ensign Frank H. Clark, jr.

Signal
No.

900. Surgeon Phillips A. Lovering.
 971. Passed Assistant Surgeon Edward W. Shipp.
 1145. Assistant Paymaster Harry H. Balthis.
 1299. Passed Assistant Engineer Charles E. Rommel.
 2070. Second Lieutenant of Marines Philip M. Bannon.
 1626. Acting Boatswain Daniel Montague.
 1628. Acting Boatswain Emil H. Eyecke.
 1707. Acting Carpenter George W. Phillip.
 1848. Sailmaker Charles E. Minter.

MICHIGAN.

Cruiser, 4 guns, 685 tons, 365 horsepower, paddle.

167. Lieutenant-Commander William H. Everett, Commanding.
 918. Surgeon Oliver Diehl.
 — Assistant Paymaster William B. Rogers.
 1293. Passed Assistant Engineer Bias C. Sampson.
 1581. Boatswain Charles Miller.
 1804. Pharmacist Sigismund Leuckart.

PEORIA.

Cruiser, 7 guns, 488 tons, single screw.

445. Lieutenant Joseph L. Jayne, Commanding.
 — Lieutenant Courtland K. Bolles.
 — Ensign Laurie H. Talbot.
 — Ensign William C. Bliss.
 1003. Assistant Surgeon Charles A. Crawford.
 1161. Assistant Paymaster Theodore J. Arms.
 — Assistant Engineer Eliott McConnell.

SOLACE.

Ambulance ship, 4,700 tons, 3,200 horsepower, single screw.

133. Commander Andrew Dunlap, Commanding.
 374. Lieutenant Edward Lloyd, jr.
 — Lieutenant (junior grade) William Cox.
 — Ensign William M. Willett.
 — Ensign Walter W. Barrett.
 1277. Passed Assistant Engineer James M. Pickrell.
 1006. Assistant Surgeon Thomas M. Lippitt.
 — Assistant Paymaster Herbert E. Stevens.
 — Chief Engineer William H. Levay.
 — Second Lieutenant of Marines Henry Leonard.

SUPPLY.

Supply ship, 2 guns, 4,460 tons, 1,069 horsepower, single screw.

- Lieutenant Edward V. Roberts, Commanding.
 — Lieutenant John C. Dow.

Signal
No.

- Ensign Frank H. Edthofer.
 — Ensign James H. Crozier.
 — Ensign Wirt McCreary.
 1012. Assistant Surgeon Will M. Garton.
 — Assistant Paymaster David M. Addison.
 — Assistant Engineer Add Anderson.
 — Assistant Engineer Thomas E. Brady.
 1873. Mate William Johnston.
 1888. Mate John Mahoney.

SYLPH.

Yacht, 8 guns, 152 tons, 550 horsepower, single screw.

429. Lieutenant William J. Maxwell, Commanding.
 1351. Assistant Engineer Joseph M. Reeves.

VIXEN.

Yacht, 8 guns, 806 tons, 1,250 horsepower, single screw.

188. Lieutenant-Commander John C. Wilson, Commanding.
 394. Lieutenant Charles H. Harlow.
 — Lieutenant (junior grade) Arthur H. Dutton.
 — Assistant Paymaster Arthur H. Cathcart.
 1358. Assistant Engineer Thomas M. Dick.

VULCAN.

Repair ship, 2 guns, 3,530 tons, single screw.

- Lieutenant-Commander Ira Harris, Commanding.
 486. Lieutenant (junior grade) William W. Gilmer.

WHEELING.

Composite gunboat, 6 guns, 1,000 tons, 1,081 horsepower twin screws.

97. Commander William T. Burwell, Commanding.
 245. Lieutenant Gustavus C. Hanus.
 423. Lieutenant Miles C. Gorgas.
 507. Lieutenant (junior grade) Edward H. Durell.
 664. Ensign David W. Todd.
 688. Ensign Charles M. Tozer.
 933. Passed Assistant Surgeon Stephen S. White.
 983. Assistant Surgeon William M. Wheeler.
 1155. Assistant Paymaster William H. Doherty.
 1294. Passed Assistant Engineer Solon Arnold.

UNASSIGNED.

ABARENDA.

Collier, 4 guns, 4,670 tons, 1,050 horsepower, single screw.

117. Commander William I. Moore, Commanding.
 — Ensign William A. O'Malley.
 — Ensign Frank H. Ainsworth.
 — Ensign Richard M. Cutts.
 — Assistant Surgeon Dennis F. Snghrue.
 — Assistant Paymaster Charles W. Eliason.
 1315. Passed Assistant Engineer Louis M. Nulton.

LEBANON.

Collier, 4 guns, 3,375 tons, single screw.

161. Lieutenant-Commander Charles T. Forse, Commanding.

- Lieutenant Guy M. Buck.
 — Lieutenant Charles E. Littlefield.
 — Ensign John Burns.
 — Assistant Paymaster Robert H. Cowan.
 — Assistant Engineer August Mehlman.

MARCELLUS.

Steamer, 2 guns, 1,200 horsepower.

192. Lieutenant-Commander Herbert Winslow, Commanding.
 — Lieutenant Samuel M. Blount.
 — Lieutenant (junior grade) E. V. Lynan.
 — Lieutenant (junior grade) John McIntyre.

a Secondary battery.

Signal
No.

- Lieutenant (junior grade) Henry E. Betts.
- Assistant Surgeon James H. Payne, jr.
- Assistant Paymaster Eugene C. Tobey.
- Passed Assistant Engineer Robert S. Talbot.

NERO.

Steamer, a 4 guns, 4,925 tons, 1,000 horsepower, single screw.

- 118. Commander Charles Belknap, Commanding.
- 463. Lieutenant (junior grade) Henry E. Parmenter.
- 523. Lieutenant (junior grade) Marcus L. Miller.
- Lieutenant (junior grade) Selim E. Woodworth.
- Lieutenant (junior grade) Frederick E. Swanstrom.
- Assistant Surgeon Mack V. Stone.
- Assistant Engineer Charles B. Forgham.

SOUTHERY.

Collier, a 2 guns, 3,100, single screw.

- 127. Commander Walton Goodwin, Commanding.
- Lieutenant Robert K. Wright.
- Ensign Johannes H. Cuntz.
- Ensign William H. Quinlan.
- Assistant Surgeon Rice K. McClanahan.
- Assistant Paymaster Albert W. Lavender.
- 1325. Passed Assistant Engineer Charles R. Emrich.

Signal
No.

WILMINGTON.

Light-draft gunboat, 8 guns, 1,392 tons, 1,894 horsepower, twin screws.

- 103. Commander Chapman C. Todd, Commanding.
- 226. Lieutenant John B. Collins.
- 302. Lieutenant Fidelio S. Carter.
- 568. Ensign Claude Bailey.
- 665. Ensign John V. Klemann.
- 703. Ensign Amon Bronson, jr.
- 975. Passed Assistant Surgeon Frank C. Cook.
- 1143. Assistant Paymaster John W. Morse.
- 1249. Chief Engineer James P. S. Lawrence.
- 1380. Assistant Engineer Arthur Crenshaw.

YANKTON.

Yacht, a 8 guns, 975 tons, 750 horsepower, single screw.

- 219. Lieutenant-Commander George L. Dyer, Commanding.
- 489. Lieutenant (junior grade) Webster A. Edgar.
- 540. Ensign George R. Marvell.
- 652. Ensign Robert W. McNeely.
- 666. Ensign William R. Cushman.
- 744. Naval Cadet George L. Smith.
- 1002. Assistant Surgeon David B. Kerr.
- 1151. Assistant Paymaster William A. Merritt.
- 1331. Passed Assistant Engineer Raymond D. Hasbrouck.

TRAINING SERVICE.

ADAMS.

Cruiser, 6 guns, 1,375 tons, 800 horsepower, single screw.

- 80. Commander George M. Book, Commanding.
- 205. Lieutenant-Commander Theodorick Porter.
- 306. Lieutenant Moses L. Wood.
- 362. Lieutenant Harry M. Dombaugh.
- 639. Ensign Simon P. Fullinwider.
- 642. Ensign Stephen V. Graham.
- 659. Ensign Clarence England.
- 692. Ensign Thomas A. Kearney.
- 1002. Assistant Surgeon Ralph T. Orvis.
- 1089. Paymaster James E. Cann.
- 1466. Chaplain John B. Frazier.

ALLIANCE.

Cruiser, 6 guns, 1,375 tons, 800 horsepower, single screw.

- 128. Commander Albert Ross, Commanding.
- Lieutenant (junior grade) Frank Ellerv.
- Lieutenant (junior grade) Winslow Allderdice.
- 634. Ensign Raymond Stone.
- 997. Assistant Surgeon William H. Bucher.
- 1146. Assistant Paymaster Charles Conard.
- 1470. Chaplain Arthur O. Sykes.

ANNAPOLIS.

Composite gunboat, 6 guns, 1,000 tons, 1,227 horsepower, single screw.

- 98. Commander John J. Hunker, Commanding.
- 238. Lieutenant George W. Mentz.
- 475. Lieutenant (junior grade) George W. Kline.
- 556. Ensign Henry J. Ziegemeier.
- 563. Ensign Henry S. Ritter.
- 601. Ensign Gregory C. Davison.
- 637. Ensign John T. Tompkins.

733. Naval Cadet Austin Kautz.

- 996. Assistant Surgeon Samuel B. Palmer.
- 1135. Passed Assistant Paymaster Joseph Fyffe.
- 1280. Passed Assistant Engineer George R. Salisbury.
- 1290. Passed Assistant Engineer Clarence H. Mathews.

ESSEX.

Cruiser, 6 guns, 1,375 tons, 800 horsepower, single screw.

- 95. Commander Frank Curtis, Commanding.
- 261. Lieutenant Albert Mertz.
- 347. Lieutenant Edward E. Wright.
- 420. Lieutenant Edwards F. Leiper.
- 433. Lieutenant Theodore G. Dewey.
- 467. Lieutenant (junior grade) Charles M. Fahs.
- 653. Ensign Walter S. Turpin.
- 684. Ensign Ralph Earle.
- 973. Passed Assistant Surgeon James F. Leys.
- 1136. Assistant Paymaster Ulysses G. Ammen.
- Passed Assistant Engineer William B. Carswell.
- 1463. Chaplain Charles H. Parks.

VICKSBURG.

Composite gunboat, 6 guns, 1,000 tons, 1,118 horsepower, single screw.

- 105. Commander Abraham B. H. Lillie, Commanding.
- 254. Lieutenant James C. Cresap.
- 392. Lieutenant John B. Blish.
- 553. Ensign William K. Harrison.
- 661. Ensign Frank P. Baldwin.
- 674. Ensign Cassius H. Barnes.
- 697. Ensign Mark St. C. Ellis.
- 768. Naval Cadet Walter G. Roper.
- 992. Assistant Surgeon Washington B. Grove.
- 1137. Assistant Paymaster Robert C. Schenck.
- 1318. Passed Assistant Engineer Cleland N. Offley.

a Secondary battery.

IN RESERVE.

COLUMBIA.

Protected cruiser, 11 guns, 7,375 tons, 18,509 horsepower, triple screws.

Signal No.

207. Lieutenant-Commander John H. Moore.
 285. Lieutenant John F. Parker.
 892. Surgeon Cumberland G. Herndon.
 1217. Chief Engineer John L. Hannum.
 2049. First Lieutenant of Marines Ben H. Fuller.
 1620. Acting Boatswain August Ohnisen.
 1697. Acting Gunner Clarence S. Vanderbeck.
 1743. Carpenter Edwin P. Kirk.

DIXIE.

Cruiser, 10 guns, 6,114 tons, 3,800 horsepower, single screw.

213. Lieutenant-Commander Clayton S. Richman.

MIANTONOMOH.

Double-turret monitor, 4 guns, 3,990 tons, 1,426 horsepower, twin screws.

215. Lieutenant-Commander Hawley O. Rittenhouse.
 1251. Chief Engineer Wythe M. Parks.
 1679. Gunner Joseph Hill.

MINNEAPOLIS.

Protected cruiser, 11 guns, 7,375 tons, 20,862 horsepower, triple screws.

55. Captain Theodore F. Jewell, Commanding.
 211. Lieutenant-Commander William F. Low.
 903. Surgeon Nelson H. Drake.
 1101. Paymaster Leeds C. Kerr.
 1217. Chief Engineer John L. Hannum.

Signal No.

1458. Chaplain William F. Morrison.
 1696. Gunner Thomas J. Shuttleworth.

PRAIRIE.

Cruiser, 10 guns, 6,872 tons, 3,800 horsepower, single screw.

331. Lieutenant De Witt Coffman.
 — Assistant Engineer Frederick C. Neilson.

PURITAN.

Double-turret monitor, 10 guns, 6,060 tons, 3,700 horsepower, twin screws.

61. Captain Charles J. Train, Commanding.
 234. Lieutenant Greenleaf A. Merriam.
 — Assistant Paymaster Jonathan Brooks.
 1610. Boatswain Samuel W. Gardner.
 1687. Gunner Frank Rorschach.
 1736. Carpenter Charles H. Bogan.

TERROR.

Double-turret monitor, 4 guns, 3,990 tons, 1,600 horsepower, twin screws.

156. Lieutenant-Commander Robert T. Jaspas.
 551. Ensign Warren J. Terhune.
 1260. Chief Engineer Robert I. Reid.
 1699. Acting Gunner John H. Lohman.

YANKEE.

Cruiser, 10 guns, 6,888 tons, 3,800 horsepower, single screw.

273. Lieutenant Edmund B. Underwood.

FISH COMMISSION VESSELS.

ALBATROSS.

155. Lieutenant-Commander Jefferson F. Moser, Commanding.
 478. Lieutenant (junior grade) John P. McGuinness.
 991. Assistant Surgeon James C. Pryor.
 — Assistant Paymaster Hugh R. Insley.
 1346. Assistant Engineer Boling K. McMorris.

FISH HAWK.

190. Lieutenant-Commander Richard G. Davenport, Commanding.
 1592. Boatswain Patrick Haley.
 1611. Boatswain James W. Angus.
 1821. Pharmacist John D. Milligan.
 1862. Mate James A. Smith.
 1870. Mate James M. Creighton.

STATE NAUTICAL SCHOOL-SHIPS.

ENTERPRISE.

Cruiser, 4 guns, 1,375 tons, 800 horsepower, single screw.

131. Commander Frederick M. Wise, Commanding.
 221. Lieutenant Martin E. Hall.
 460. Lieutenant Roger Welles, jr.
 609. Ensign Joel R. P. Pringle.

SARATOGA.

Sailing ship, 1,025 tons.

159. Lieutenant-Commander William J. Barnette, Commanding.
 506. Lieutenant (junior grade) Andrew T. Long.

ST. MARY'S.

Sailing ship, 1,025 tons.

144. Commander William H. Reeder, Commanding.
 456. Lieutenant Chester M. Knepper.
 531. Lieutenant (junior grade) Henry A. Wiley.

TORPEDO BOATS.

GWIN.

Torpedo boat, 2 guns, 2 torpedo tubes, 46 tons, 850 horsepower single screw.

Signal
No.

457. Lieutenant Clarence S. Williams, Commanding.

TALBOT.

Torpedo boat, 2 guns, 2 torpedo tubes, 46½ tons, 850 horsepower, single screw.

Signal
No.

465. Lieutenant (junior grade) William R. Shoemaker, Commanding.

TUGS.

ACCOMAC.

Tug, a 2 guns, 187 tons, 250 horsepower, single screw.

1632. Acting Boatswain Francis E. Schuster, Commanding.

--- Mate Peter L. Lea.

IROQUOIS.

Tug, a 3 guns, 702 tons, 1,000 horsepower, single screw.

826. Lieutenant Charles F. Pond, Commanding.

587. Ensign Bion B. Bierer.

654. Ensign George L. P. Stone.

MASSABOIT.

Tug, a 1 gun, 202 tons, single screw.

--- Mate Micah Jenkins, Commanding.

NEZINSCOT.

Tug, a 2 guns, 156 tons, 400 horsepower, single screw.

1612. Acting Boatswain John J. Holden, Commanding.

PISCATAQUA.

Tug, a 4 guns, 631 tons, single screw.

1872. Mate John L. Vennard, Commanding.

SAMOSET.

Tug, a 225 tons, 450 horsepower, single screw.

1617. Boatswain Patrick Deery, Commanding.

SIOUX.

Tug, a 2 guns, 155 tons, 290 horsepower, single screw.

1630. Acting Boatswain Albert F. Benzon, Commanding.

TECUMSEH.

Tug, a 2 guns, 214 tons, 500 horsepower, single screw.

1608. Boatswain James Dowling, Commanding.

a Secondary battery.

NAVY-YARDS AND SHORE STATIONS.

WASHINGTON, D. C.

Secretary's Office.

OFFICE OF THE JUDGE-ADVOCATE-GENERAL.

Captain Samuel C. Lemly, Judge-Advocate-General.
 Lieutenant Frank B. Case.
 Ensign George Mallison.
 Captain of Marines Charles H. Lauchheimer.

ASSISTANT SECRETARY'S OFFICE.

Lieutenant William H. H. Southerland.

LIBRARY AND WAR RECORDS OFFICE.

Professor Edward K. Rawson, Superintendent.

SPECIAL DUTY.

Commander Richard Rush.

Bureau of Yards and Docks.

Civil Engineer Mordecai T. Endicott, Chief of Bureau.
 Lieutenant Lazarus L. Reamey.
 Professor of Mathematics Omenzo G. Dodge.
 Civil Engineers Charles W. Parks and Andrew C. Cunningham.

Bureau of Equipment.

Commander Royal B. Bradford, Chief of Bureau.
 Commander Zara L. Tanner (retired).
 Lieutenant-Commander Robert G. Peck.
 Lieutenants Walter C. Cowles, Alfred Reynolds, George W. Denfeld, and Frank K. Hill.

INSPECTION DUTY UNDER THE BUREAU.

Captain Richard P. Leary, South Boston, Mass.
 Lieutenants Edward F. Qualtrough, Morris Heights, N. Y.; Rogers H. Galt, Newport News, Va.; Lucian Flynn (retired), Philadelphia, Pa.; Henry T. Mayo, San Francisco, Cal.; Roy C. Smith, South Boston, Mass.; Frederick R. Brainard, Philadelphia, Pa.
 Lieutenant (junior grade) Lloyd H. Chandler, Bath, Me.
 Ensign William H. E. Masser (retired), Portland, Oreg.

NAVAL OBSERVATORY.

Captain Charles H. Davis, Superintendent.
 Lieutenant Augustus N. Mayer.
 Professors Edgar Friaby, Stimson J. Brown, Henry M. Paul, and Aaron N. Skinner.

NAUTICAL ALMANAC OFFICE.

Professor William Harkness, Director of the Nautical Almanac.
 Professor Henry D. Todd.

HYDROGRAPHIC OFFICE.

Commander Joseph E. Craig, Hydrographer.
 Commanders Edward H. Gheen.
 Lieutenant-Commander James D. Adams.
 Lieutenants Jesse M. Koper, Charles M. McCartney (retired), and Albert J. Dabney (retired).

BRANCH HYDROGRAPHIC OFFICES.

Lieutenants Herbert O. Dunn, Baltimore, Md.; Nicholas J. L. T. Halpine (retired), Boston, Mass.; William J. Wilson, Chicago, Ill.; Carl W. Jungen, New York, N. Y.; Charles P. Eaton, New York, N. Y. (Assistant); Reuben O. Bitler, Norfolk, Va.; Walter S. Hughes, San Francisco, Cal.
 Ensigns William H. E. Masser (retired), Portland, Oreg.; Percy N. Olmsted, Portland, Oreg.; Alfred A. McKethan, Savannah, Ga.

Bureau of Navigation.

Captain A. S. Crowninshield, Chief of Bureau.
 Captain John Schouler.
 Captain Francis W. Dickens, Assistant to the Bureau.
 Lieutenant-Commander John M. Hawley.
 Lieutenants Edwin S. Jacob (retired), James Franklin (retired), Horace P. McIntosh (retired), Jacob J. Hunker, and Humes H. Whittlesey.
 Ensigns William W. Phelps, John F. Hines, and Henry H. Ward.

OFFICE OF NAVAL INTELLIGENCE.

Commander Richardson Clover, Chief Intelligence Officer.
 Lieutenant-Commanders William H. Beehler and William H. Driggs.
 Lieutenants George H. Peters and Horace W. Harrison.

NAVAL EXAMINING BOARD.

Rear-Admiral John A. Howell, President.
 Captains Benjamin F. Day and John Schouler.

MEDICAL EXAMINING BOARD.

Medical Director Daniel McMurtrie (retired), President.
 Medical Director Joseph B. Parker.
 Surgeon Walter A. McClurg.

BOARD FOR THE EXAMINATION OF MEDICAL OFFICERS.

Medical Director Grove S. Beardsley, President.
 Medical Directors John H. Clark and Joseph B. Parker.

NAVAL RETIRING BOARD.

Rear-Admiral John A. Howell, President.
 Captains Benjamin F. Day and John Schouler.
 Medical Directors Grove S. Beardsley and John H. Clark.

Bureau of Ordnance.

Captain Charles O'Neil, Chief of Bureau.
 Lieutenants John B. Bernadon, Homer C. Poundstone, and Isaac K. Seymour.
 Lieutenant (junior grade) Theodore C. Fenton, Assistant to Chief.
 Ensign Julian L. Latimer.
 Professor Philip R. Alger.

INSPECTION DUTY UNDER THE BUREAU.

Commander George W. Pigman, Newport News, Va.
 Lieutenants William M. Irwin, South Bethlehem, Pa.; Henry T. Mayo, San Francisco, Cal.; John N. Jordan, Hartford, Conn.; Walter J. Sears, New York, N. Y.; Joseph H. Rohrbacher, Pittsburg, Pa.; William B. Fletcher, Lynn, Mass.; William B. Whittlesey, Bridgeport, Conn.
 Lieutenants (junior grade) Albert C. Dieffenbach, New York, N. Y.; Philip Andrews, South Bethlehem, Pa.; Harold K. Hines, West Point, N. Y.
 Ensigns Frank W. Toppan (retired), New York, N. Y.; Gilbert S. Galbraith, Nicetown, Pa.
 Assistant Engineers Murray Warner, Rome, N. Y.; William H. Thompson, jr., Elmira, N. Y.
 Assistant Naval Constructor Horatio G. Gilmor, Elswick, England.
 Gunner Allan S. Mackenzie, New York, N. Y.

Bureau of Construction and Repair.

Naval Constructor Philip Hichborn, Chief of Bureau.
 Naval Constructors David W. Taylor, Washington L. Capps (ordered), and Frank B. Zahn.
 Assistant Naval Constructor Robert B. Dashiell.

INSPECTION DUTY UNDER BUREAU.

Carpenters David W. Perry, Owensboro, Ky.; Philip T. Mager, Thurlow, Pa.; Ellis W. Craig, Munhall, Pa., and Francis J. Harte, Philadelphia, Pa.
Sailmakers Garrett Van Mater, Pittsburg, Pa., and Milton W. Watkins, Nicetown, Pa.

Bureau of Steam Engineering.

Chief Engineer George W. Melville, Chief of Bureau.
Chief Engineers Harrie Webster, Alfred B. Canaga, and Albert B. Willits.
Passed Assistant Engineers Walter M. McFarland, Frank M. Bennett, Martin Bevington, Charles A. E. King, William W. White, Emli Theiss, John K. Robison, Milton E. Reed, and Bert C. Ball.
Assistant Engineer John A. Henderson (retired).

INSPECTION DUTY UNDER BUREAU.

Lieutenant William M. Irwin, South Bethlehem, Pa.
Chief Engineers Charles H. Loring (retired), New York, N. Y.; George F. Kutz (retired), Portland, Ore.; Andrew J. Kiersted (retired), League Island, Pa.; Benjamin B. H. Wharton (retired), Thurlow, Pa.; Henry B. Nones (retired), Wilmington, Del.; Samuel L. P. Ayres (retired), Nicetown, Pa.; Edward Farmer, South Boston, Mass.; Louis J. Allen, San Francisco, Cal.; David Smith (retired), Steelton, Pa.; Peter A. Kearick, Newport News, Va.; George J. Burnap, Philadelphia, Pa.; William H. Harris, Bath, Me.; David P. Jones (retired), Munhall and Thurlow, Pa.; Joseph P. Micklely, Philadelphia, Pa.; Walter F. Worthington, Pittsburg, Pa.; George W. McElroy, Elizabethport, N. J., and George E. Burd, New York, N. Y.
Passed Assistant Engineers John Pemberton (retired), East Orange, N. J.; Harold P. Norton, Elswick, England.; Clarence A. Carr, Morris Heights, N. Y.; Edward H. Scribner, Harrisburg, Pa.; Thomas F. Carter, Thurlow, Pa.; Harry Hall, Philadelphia, Pa.; William S. Smith, Richmond, Va.; De Witt C. Redgrave, Baltimore, Md.; Claude B. Price, Newport News, Va., and William H. McGrann, Wilmington, Del.
Assistant Engineers Charles W. Livermore (retired), San Francisco, Cal., and William S. Smith (retired), Seattle, Wash.

Bureau of Supplies and Accounts.

Pay Director Edwin Stewart, Chief of Bureau.
Pay Inspector Leonard A. Frailey.
Paymaster Henry G. Colby, Assistant to the Bureau.
Paymasters Ambrose K. Michler and Thomas S. Jewett.

Bureau of Medicine and Surgery.

Medical Director William K. Van Reyppen, Chief of Bureau.
Surgeons John C. Boyd, Presley M. Rixey, and Averley C. H. Russell.
Passed Assistant Surgeon Edward R. Stitt.

NAVAL MUSEUM OF HYGIENE.

Medical Director Charles H. White.
Surgeon James D. Gatewood.

NAVAL DISPENSARY.

Passed Assistant Surgeon Eugene P. Stone.
Pharmacist John C. Martin.

SPECIAL DUTY, NEW YORK.

Medical Director Delavan Bloodgood (retired).

Headquarters of the Marine Corps.

Colonel Charles Heywood, Commandant.
Major Green C. Goodloe, Paymaster.
Major George C. Reid, Adjutant and Inspector.
Major Frank L. Denny, Quartermaster.
Captain Charles L. McCawley, Assistant Quartermaster.
Surgeon Edward H. Green.

MARINE BARRACKS, HEADQUARTERS, WASHINGTON, D. C.

Captain Francis H. Harrington.
Second Lieutenants Ralph E. Walker and Benjamin F. Rittenhouse.

NAVAL ACADEMY, ANNAPOLIS, MD.

Rear-Admiral Frederick V. McNair, Superintendent.
Commanders Charles T. Hutchins and Harry Knox.
Lieutenant-Commanders Royal R. Ingersoll, Richard Wainwright, Edwin K. Moore, and Perry Garst.
Lieutenants Hugo Osterhaus, Charles W. Bartlett, Anstin M. Knight, William F. Halsey, Edward J. Dorn, Alexander Sharp, jr., George M. Stoney, Charles A. Gove, William F. Fullam, Harry P. Huse, Harry S. Knapp, Charles N. Atwater, John H. Shipley, Daniel P. Menefee, Edwin H. Tillman, William C. P. Muir, and Harry George.
Lieutenants (junior grade) William H. G. Bullard, William H. Faust, George F. Cooper, Clarence M. Stone, Carlo B. Brittain, Richard H. Jackson, and Arthur B. Hoff.
Ensigns Edwin T. Pollock and Walter S. Crosley.
Medical Inspector William S. Dixon.
Passed Assistant Surgeons Luther L. Von Wedekind and Michael R. Pigott.
Assistant Surgeon Cary D. Langhorne.
Pay Director Thomas T. Caswell.
Paymaster Joel P. Loomis, cadet storekeeper.
Chief Engineers George H. Kearny and Franklin J. Schell.
Passed Assistant Engineers Thomas W. Kinkaid, William H. Allderdice, Oscar W. Koester, Urban T. Holmes, and George W. Laws.
Assistant Engineer Martin E. Trench.
Chaplain Henry H. Clark.
Professors William W. Hendrickson and Marshal Oliver.
Naval Constructor Lawrence Spear.
Boatwains John S. Sinclair and Charles F. Pierce.
Gunners Robert Sommers and Frank C. Messenger.
Carpenter Josiah E. Keen.
Pharmacists Augustus Prosperi and John T. Oursler.
Mates Charles J. Murphy, Arthur R. Nickerson, Charles L. Weiss, and Ernest J. Brown (Santee).

MARINE BARRACKS.

Captain Richard Wallach.
First Lieutenant Joseph H. Pendleton.
Second Lieutenants Henry W. Carpenter, Charles S. Hill, and John F. McGill.

BALTIMORE, MD.

NAVY PAY OFFICE.

Paymaster Charles M. Ray (custom-house).

NAVAL STATION, BOSTON, MASS.

Rear-Admiral Henry L. Howison, Commandant of Yard and Station.

NAVY-YARD.

Captain Mortimer L. Johnson, Captain of the Yard.
Commander John E. Pillsbury, Equipment Officer.
Lieutenant-Commanders Charles W. Tracy (retired), Francis H. Delano, and Uriah R. Harris.
Medical Director George F. Winslow.
Pay Inspector George W. Beaman.
Pay Inspector George E. Hentie, General Storekeeper.
Passed Assistant Paymaster Richard Hatton.
Chief Engineers John K. Barton and John L. Gow.
Passed Assistant Engineer William M. Barr.
Assistant Engineer Allen M. Cook.
Chaplain David H. Tribou.
Naval Constructor Joseph Feaster.
Civil Engineer Homer R. Stanford.
Boatswain Henry Hudson.
Gunner John R. Grainger, Niter Depot, Malden, Mass.
Gunner Charles B. Magruder, Naval Magazine, Chelsea, Mass.
Gunner Frank H. Whitney.
Carpenters James Burke and Edward H. Hay.
Pharmacist Edwin T. Morse.

RECEIVING-SHIP WABASH.

Captain George H. Wadleigh, Commanding.
Lieutenant-Commander William P. Randall (retired).
Lieutenants Charles A. Foster (retired), and Frederick W. Coffin.
Surgeon Homer L. Law (retired).
Assistant Surgeon Charles H. DeLancy.

Paymaster Charles W. Littlefield.
 Chief Engineer William H. Nauman.
 Chaplain Roswell R. Hoes.
 Second Lieutenant of Marines Rexwald Brown.
 Boatswains John J. Killin and David F. Hennessey.
 Carpenter John G. Tilden.
 Pharmacist Stephen W. Douglass.
 Mate William Jenney.

BRANCH HYDROGRAPHIC OFFICE.

Lieutenant Nicholas J. L. T. Halpine (retired).

NAVAL HOSPITAL, CHELSEA.

Medical Inspector Joseph G. Ayers.
 Surgeon Frederick A. Hesler.
 Assistant Surgeon Granville L. Angeny.
 Pharmacist Joseph H. Graham.

PURCHASING AND DISBURSING PAYMASTER.

Pay Director Edward May (70 Kilby street), Boston.

MARINE RENDEZVOUS, BOSTON.

Passed Assistant Surgeon John F. Urrie.

MARINE BARRACKS.

Lieutenant-Colonel Percival C. Pope.
 Captain Allan C. Kelton.
 First Lieutenants Charles G. Long, Laurence H. Moses,
 and William C. Dawson.

NAVAL STATION, HAVANA, CUBA.

Commodore Bartlett J. Cromwell, Commandant.
 Lieutenant-Commander William W. Kimball.
 Lieutenant James H. Glennon.
 Surgeon James D. Gatewood.
 Pay Director Joseph A. Smith.
 Chief Engineer Charles P. Howell.

STATION SHIP RESOLUTE.

Commander Joseph G. Eaton, Commanding.
 Lieutenants William A. Marshall and Robert M. Doyle.
 Lieutenants (junior grade) William H. Caldwell and John
 A. Gorgas, Jr.
 Ensigns Charles S. Bookwalter and Augustine B.
 McManus.
 Passed Assistant Surgeon Arthur W. Dunbar.
 Assistant Paymaster Rufus Coffin.
 First Lieutenant of Marines Theodore P. Kane.
 Acting Boatswain William Brooks.
 Carpenter Edward W. Smith.

MARINE BARRACKS.

Major William S. Muse.
 Captain Carlile P. Porter.
 First Lieutenant James E. Mahoney.
 Second Lieutenants Charles G. Andresson and Harry Lee.

INDIAN HEAD, MARYLAND.

NAVAL PROVING GROUND.

Commander Albert R. Couden, Inspector in Charge.
 Ensigns Thomas J. Senn and Lewis B. Jones.
 Gunner Hugh Sinclair.
 Pharmacist James H. McGuigan.

NAVAL STATION, KEY WEST, FLA.

Commander Fernando P. Gilmore, Commandant.
 Surgeon John W. Ross (retired).
 Assistant Surgeon Raphael O. Marcour.
 Assistant Paymaster Francis R. Maloney.
 Passed Assistant Engineer Patrick J. McMahon.
 Civil Engineer Adolfo J. Menocal.

NAVAL STATION, MARE ISLAND, CAL.

Commodore John C. Watson, Commandant of Yard and
 Station.

NAVY-YARD.

Captain Charles S. Cotton, Captain of the Yard.
 Lieutenant-Commander Franklin J. Drake, Ordnance
 Officer.

Lieutenant-Commander Charles G. Bowman, Equipment
 Officer.

Lieutenants Samuel L. Graham (retired) and Oren E.
 Lasher (retired.)

Lieutenant (junior grade) Guy H. Burrage.

Ensign Edwin E. Hayden (retired).

Surgeon James R. Waggener.

Pay Inspector Albert W. Bacon, General Storekeeper.

Paymaster William W. Barry.

Chief Engineer Joseph Tritley.

Passed Assistant Engineer William H. Mears.

Naval Constructors William J. Baxter and Thomas F.

Ruhm.

Assistant Naval Constructor John D. Beuret.

Civil Engineer Richard C. Hollyday.

Gunner William Halford, Naval Magazine.

Gunner Joel C. Evans.

Acting Carpenter Charles Thompson.

Pharmacist Samuel Englander.

RECEIVING-SHIP INDEPENDENCE.

Captain Louis Kempff, Commanding.

Lieutenant-Commander Charles A. Adams.

Lieutenants Jeremiah C. Burnett (retired) and James H.
 Hetherington.

Surgeon Charles T. Hibbett.

Passed Assistant Engineer James W. Holihan (retired).

Boatswains Francis A. Dran and Timothy Sheean.

Acting Boatswains Charles J. Christianson and Peter E.
 Radcliffe.

Gunner Arthur S. Williams.

Sailmakers John Roddy, John A. Long, and Michael P.
 Barr.

RECEIVING-SHIP PENSACOLA.

Captain Louis Kempff, Commanding.

Lieutenant George H. Stafford.

Passed Assistant Surgeon Charles P. Bagg.

Paymaster William W. Barry.

Mate Joseph J. Delaney.

NAVAL HOSPITAL.

Medical Inspector George P. Bradley.

Assistant Surgeon Frank E. McCullough.

Assistant Surgeon William L. Bell.

Pharmacist Stephen St. John.

MARINE BARRACKS.

Major Charles F. Williams.

Captain Leroy C. Webster.

First Lieutenant Albert S. McLemore.

SPECIAL DUTY, SAN FRANCISCO.

Surgeon Victor C. B. Means.

BRANCH HYDROGRAPHIC OFFICE, SAN FRANCISCO.

Lieutenant Walter S. Hughes.

PURCHASING AND DISBURSING PAYMASTER.

Pay Inspector George H. Griffing (202 Sansom street,
 San Francisco).

UNION IRON WORKS, SAN FRANCISCO.

Lieutenant Henry T. Mayo.

Chief Engineer Louis J. Allen.

Assistant Engineer Charles W. Livermore (retired).

Naval Constructor Elliot Snow.

Assistant Naval Constructor Thomas G. Roberts.

NAVAL STATION, NEWPORT, R. I.

TRAINING STATION AND TRAINING-SHIP CONSTELLATION
 (3d rate).

Commander John McCowan, Commanding.

Lieutenants William McC. Little (retired), John F. Luby,

John F. Hubbard (junior grade), and James H. Reid
 (junior grade).

Ensigns George G. Mitchell, Charles L. Hussey, and Clark
 D. Stearns.

Passed Assistant Surgeons George B. Wilson and Levi
 T. Safford (retired).

Paymaster Thomas J. Cowie.

Chaplain Curtis H. Dickens.

Second Lieutenants of Marines George C. Reid and David D. Porter.

Gunner James Shannon.
Acting Carpenter Axel L. Sundqvist.
Pharmacists Cornelius O'Leary and William H. Huntington.

Mates Olaf Christopherson, John R. Daly, Christopher J. Cooper, William D. Bartley, Robert E. Simonson, John W. Stoakley, and Christian Cone.

NAVAL WAR COLLEGE.

Commander Charles H. Stockton, President.
Lieutenant Joseph B. Murdock.
Ensign Frederick A. Traut.

TORPEDO STATION.

Lieutenant-Commander Thomas C. McLean, Inspector in Charge.
Lieutenant-Commander Kossuth Niles.
Lieutenants George F. W. Holman, Washington I. Chambers, and James H. Oliver.
Paymaster Samuel R. Colhoun.
Gunners Charles Morgan and Henry A. Eilers.

NAVAL HOSPITAL.

Medical Inspector Charles A. Siegfried.
Passed Assistant Surgeon William C. Braisted.
Pharmacist John W. Wood.

MARINE BARRACKS.

Major Henry C. Cochrane.
Second Lieutenants George C. Reid and David D. Porter.

NAVAL STATION, NEW YORK, N. Y.

Rear-Admiral Francis M. Bunce (retired), Commandant of Yard and Station. (To be relieved by Commodore John W. Philip, 15 January, 1899.)

NAVY-YARD.

Captain George W. Sumner, Captain of the Yard.
Commander William C. Gibson.
Commander John P. Merrill, Equipment Officer.
Commander William Swift, Ordnance Officer.
Commander Henry B. Mansfield.
Lieutenant-Commanders Arthur B. Speyers, Daniel D. V. Stuart, and John Hubbard.

Lieutenants William Watts (retired), Burns T. Walling, John T. Newton, Francis H. Sherman, Le Roy M. Garrett, Thomas W. Ryan, John A. Bell, and John A. Dougherty.

Lieutenant (junior grade) Harold K. Hines.
Ensign Leon S. Thompson.
Medical Inspector James A. Hawke.
Passed Assistant Surgeon Adrian R. Alfred.
Pay Director Albert S. Kenny, General Storekeeper.
Pay Inspector Henry T. Wright.
Paymasters Hiram E. Drury, John A. Mudd, and Thomas H. Hicks.

Passed Assistant Paymasters William J. Littell and Joseph J. Cheatham.
Assistant Paymaster William T. Gray.
Chief Engineer William A. Windsor.
Passed Assistant Engineers James J. Barry (retired), John C. Leonard, Robert K. Crank, Walter Ball, and Edward F. White.

Assistant Engineer Wilmer O. Chrisman (retired).
Chaplains Sylvester D. Boorum and Robert E. Steele.
Naval Constructors William L. Mintonye (retired), Francis T. Bowles, and Frank W. Hibbs.
Assistant Naval Constructors Henry G. Smith, Richard M. Watts, and Daniel H. Cox.
Civil Engineers Peter C. Asserson, Henry H. Rousseau, and Fred Thompson.

Boatswains John B. F. Langton, Charles E. Hawkins, Patrick H. Burns (retired), William Anderson, and Andrew F. Hall.

Gunners Cornelius Dugan (Naval Magazine, Dover, N. J.), Henry B. Soule (Naval Magazine, Fort Wadsworth, N. Y.), and William G. Moore.
Carpenters Herbert M. Griffiths (retired), George W. Davis (retired), John W. Burnham, and Joel D. Griffen.
Pharmacist Leopold C. Louis.
Sailmakers George T. Douglass (retired) and John J. Byrne.

RECEIVING-SHIP VERMONT.

Captain Merrill Miller, Commanding.
Lieutenants John C. Soley (retired), and Harry H. Hosley.
Lieutenant (junior grade) Robert L. Russell.
Surgeon Daniel N. Bertolotto.
Assistant Surgeons Jacob C. Rosenblenth and Barton L. Wright.

Paymaster Henry T. B. Harris.
Chief Engineer William S. Moore.
Chaplain Wesley O. Holway.
First Lieutenant of Marines Clarence L. A. Ingate.
Boatswains William Manning, John Sutton, Allen Whipkey, and Patrick J. Kane.
Carpenters George Helms and Peter T. Ward.
Pharmacist Charles E. Reynolds.
Mates Albert F. Callander, Charles Wilson, Henry C. Fuller, Hjalmer E. Olsen, and James H. Doyle.

NAVAL RENDEZVOUS.

Lieutenant-Commander Leonard Chenery (retired).
Surgeon Lloyd B. Baldwin.

CONTINENTAL IRON WORKS.

Chief Engineer George E. Burd.

E. W. BLISS & CO.'S WORKS.

Lieutenant Walter J. Sears.
Lieutenant (junior grade) Albert C. Dieffenbach.
Ensign Frank W. Toppau (retired).
Gunner Allan S. Mackenzie.

PURCHASING AND DISBURSING PAYMASTER.

Pay Director James E. Tolfree (109 and 112 Stewart Building, New York).

INSPECTOR OF MERCHANT VESSELS.

Lieutenant-Commander James D. J. Kelley.

SUPERVISOR HARBOR, NEW YORK.

Lieutenant John C. Fremont.

BRANCH HYDROGRAPHIC OFFICE.

Lieutenant Carl W. Jungen, In Charge.
Lieutenant Charles P. Eaton, Assistant.

NAVAL LABORATORY AND DEPARTMENT OF INSTRUCTION.

Medical Director Thomas C. Walton.
Medical Inspector Remus C. Persons.
Surgeon Oliver D. Norton.
Passed Assistant Surgeon George T. Smith.

NAVAL HOSPITAL.

Medical Director George W. Woods.
Surgeons William R. Du Bose and Andrew R. Wentworth.
Assistant Surgeons Reginald K. Smith, Moulton K. Johnson, and Richmond C. Holcomb.
Pharmacist John Cowan.

BOARD OF MEDICAL EXAMINERS.

Medical Director Hosea J. Babin, President.
Surgeon Thomas C. Craig (retired).
Passed Assistant Surgeon Charles F. Stokes.

MARINE RENDEZVOUS.

Passed Assistant Surgeon Edward S. Bogert, jr.

SPECIAL DUTY, NEW YORK.

Medical Director Edward S. Bogert, sr. (retired).

MARINE BARRACKS.

Colonel Robert W. Huntington.
Captain Harry K. White.
First Lieutenants Ben H. Fuller, Albertus W. Catlin, Wendell C. Neville, and William N. McKelvey.
Second Lieutenants Thomas S. Borden and Robert M. Gilson.
Pharmacist Joseph McMahon.

NAVAL STATION, NORFOLK, VA.

Commodore Norman H. Farquhar, Commandant of Yard and Station.

NAVY-YARD.

Captain Bowman H. McCalla, Captain of the Yard.
 Commander Robert E. Impy, Ordnance Officer.
 Commander Benjamin F. Tilley.
 Lieutenant-Commander Nathan E. Niles, Equipment Officer.
 Lieutenant-Commander Clinton K. Curtis.
 Lieutenant (junior grade) Benjamin W. Wells, jr.
 Naval Cadet Willis McDowell.
 Surgeons Thomas H. Streets, Howard E. Ames, and James C. Byrnes.
 Pay Director George Cochran.
 Pay Inspector Edwin Putnam, General Storekeeper.
 Passed Assistant Paymaster Harry E. Biscoe.
 Chief Engineer John A. B. Smith.
 Passed Assistant Engineers David M. Fulmer (retired), John T. Smith (retired), and Lyman B. Perkins.
 Assistant Engineer James V. Rockwell.
 Naval Constructor Albert W. Stahl.
 Assistant Naval Constructors William P. Robert, Lawrence S. Adams, and William G. Groesbeck.
 Civil Engineer Frank O. Maxson.
 Gunner John Gaskins (retired).
 Gunner Patrick Lynch, Naval Magazine, St. Juliens.
 Gunners George Cross and William A. Cable.
 Carpenters Henry Rigby and Benjamin F. Markham.

RECEIVING-SHIP FRANKLIN.

Captain William C. Wise, Commanding.
 Lieutenant-Commander William H. Webb (retired).
 Lieutenant Arthur H. Fletcher (retired).
 Surgeon George P. Lumsden.
 Assistant Surgeon Edward M. Blackwell.
 Pay Inspector Charles W. Slamm.
 Chief Engineer George E. Tower (retired) and Isaac S. K. Reeves.
 Chaplain Carroll Q. Wright.
 Second Lieutenant of Marines Arthur J. Matthews.
 Boatswain Peter Johnson (retired).
 Mates Lewis M. Melcher, Harold Nielsen, John Kenyon, Ernest V. Sandstrom, John McGrath, and Charles Larson.

NEWPORT NEWS.

Commander George P. Pigman.
 Lieutenants Rogers H. Galt and William M. Crose.
 Chief Engineer Peter A. Rearick.
 Passed Assistant Engineer Claude B. Price.
 Naval Constructors Joseph J. Woodward, Robert Stocker, and George H. Rock.
 Boatswain Josiah B. Aiken.
 Carpenter Alonzo C. Burroughs.

BRANCH HYDROGRAPHIC OFFICE.

Lieutenant Reuben O. Bitler.

PURCHASING AND DISBURSING PAYMASTER.

Pay Director Charles H. Eldredge.

NAVAL HOSPITAL.

Medical Director Christopher J. Cleborne.
 Passed Assistant Surgeons Manley F. Gates and Joseph A. Guthrie.
 Pharmacist Robert P. Neville.

MARINE BARRACKS.

Captain Littleton W. T. Waller.
 First Lieutenant Austin R. Davis.
 Second Lieutenant Edwin A. Jonas.

NAVY-YARD, PENSACOLA, FLA.

Commander William W. Reisinger, Commandant.
 Lieutenant Walter O. Hulme.
 Passed Assistant Surgeon Hatton N. T. Harris.
 Passed Assistant Paymaster Phillip V. Mohun.
 Assistant Paymaster George R. Venable.
 Acting Carpenter Thomas C. Cooney.
 Pharmacist Richard Waggener.
 Mates George B. Hendry (Tacoma), and Charles T. Chase.

MARINE BARRACKS.

First Lieutenant Bertram S. Neumann.

NAVAL STATION, PHILADELPHIA, PA.

Commodore Silas Casey, Commandant of Yard and Station.

NAVY-YARD, LEAGUE ISLAND.

Commander Edwin S. Houston, Captain of the Yard.
 Commander Edwin Longnecker, Ordnance Officer.
 Lieutenant-Commander Ebenezer S. Prime, Equipment Officer.
 Lieutenants Albert G. Winterhalter and Arthur C. Parsons.
 Lieutenant (Junior Grade) Louis R. Chester (retired).
 Medical Inspector William G. Farwell.
 Pay Director Joseph A. Smith, General Storekeeper.
 Paymasters Henry T. Skelding (retired), John N. Speel, and Charles S. Williams.
 Chief Engineer John Lowe (ordered).
 Passed Assistant Engineer Jonathan M. Emanuel (retired).
 Naval Constructor Joseph H. Linnard.
 Assistant Naval Constructor Stuart F. Smith.
 Civil Engineer Christopher C. Wolcott.
 Boatswain Alexander McCone.
 Boatswain Patrick Deery (Tug Samoset).
 Gunner Charles H. Venable, Naval Magazine, Fort Mifflin.
 Gunner Thomas M. Johnston.
 Carpenter Spencer C. Brearley.
 Sailmaker John C. Herbert.

RECEIVING-SHIP RICHMOND.

Captain John J. Read, Commanding.
 Lieutenant-Commander Samuel P. Comly.
 Surgeon William H. Rush.
 Assistant Surgeon James G. Field (retired).
 Paymaster John B. Redfield.
 Passed Assistant Surgeon Robert B. Taylor (retired).
 Chaplain Thomas A. Gill.
 Second Lieutenant of Marines James C. Breckinridge.
 Boatswains Michael Wogan and Francis F. Larkin.
 Gunner Frank L. Hoagland.
 Acting Gunner William Zeitler.
 Carpenter William Macdonald.
 Acting Carpenter Alonzo Burke.
 Mates Charles H. Thorpe and Frederick Muller.

PURCHASING AND DISBURSING PAYMASTER.

Pay Director George A. Lyon (Post-Office Building).

ENGINEER EXAMINING BOARD, PHILADELPHIA.

Chief Engineer Jackson McElmell (retired), President.
 Chief Engineers Cipriano Andrade and John Lowe.

MEDICAL EXAMINING BOARD.

Medical Director Walter K. Schofield, President.
 Medical Director George H. Cooke (retired).
 Surgeon Henry C. Eokstein (retired).

CRAMPS' SHIPYARD.

Lieutenants Lucian Flynne (retired), and Albert M. Beecher.
 Chief Engineer George J. Burnap.
 Passed Assistant Engineer Harry Hall.
 Naval Constructor John F. Hanseom.
 Assistant Naval Constructor Richard H. Robinson.
 Carpenter William A. Barry.
 Sailmaker William Cuddy.

MARINE BARRACKS.

Colonel James Forney.
 Captain Benjamin R. Russell.
 First Lieutenant John H. Russell.

MARINE RENDEZVOUS.

Medical Inspector Michael C. Drennan.

ASSISTANT QUARTERMASTER'S OFFICE, MARINE CORPS.

Captain Thomas C. Prince, Assistant Quartermaster.

NAVAL HOME, PHILADELPHIA.

Captain James H. Sands, Governor.
 Commander Henry N. Manney.
 Lieutenant Richard M. Lisle (retired).
 Pay Inspector Robert P. Lisle.
 Chaplain William E. Edmonson.

NAVAL HOSPITAL.

Medical Director George H. Cooke (retired).
 Passed Assistant Surgeons Norman J. Blackwood and
 Charles P. Kindleberger.
 Assistant Surgeon William H. Ulsh.
 Pharmacist Philander N. Guise.

NAVAL STATION, PORT ROYAL, S. C.

Commander Charles H. Rockwell, Commandant.
 Assistant Surgeon Allan Stuart.
 Passed Assistant Paymaster Samuel McGowan.
 Civil Engineer George Mackay.
 Carpenter Luther D. Martin.
 Mate John H. Haynesworth (Wabon).
 First Lieutenant of Marines Henry C. Haines.
 Second Lieutenant of Marines Arthur T. Marx.

NAVAL STATION, PORTSMOUTH, N. H.

Commodore George C. Remy, Commandant of Yard and
 Station.

NAVY-YARD.

Captain Purnell F. Harrington, Captain of the Yard.
 Commander Edward T. Strong.
 Commander John V. B. Bleecker, Ordnance Officer.
 Surgeon Ezra Z. Derr.
 Pay Director Henry M. Denniston, General Storekeeper.
 Pay Inspector Joseph Foster.
 Chief Engineer William G. Buchler.
 Naval Constructor John G. Lawrence.
 Civil Engineer Luther E. Gregory.
 Boatswain Peter H. Smith.
 Gunner Otto Fries.
 Carpenter Joseph B. Fletcher.

NAVAL HOSPITAL.

Surgeon Henry B. Fitts.
 Pharmacist Isaac N. Hurd.

MARINE BARRACKS.

Lieutenant-Colonel Robert L. Meade.
 Captain William F. Spicer.
 Second Lieutenants Theodore H. Low and Don A. Baxter.

PUGET SOUND NAVAL STATION.

BREMERTON, WASH.

Commander James G. Green, Commandant.
 Assistant Surgeon Holton C. Curl.
 Assistant Paymaster George Brown, jr.
 First Lieutenant of Marines Eli K. Cole.

NAVAL STATION, SAN JUAN, PORTO RICO.

Commander Albert S. Snow, Commandant.
 Ensign Walter R. Gherardi.
 Surgeon Francis W. F. Weber.
 Pay Inspector William W. Woodhull.

Chief Engineer Frank W. Bartlett.
 Civil Engineer Anecito G. Menocal.

MARINE BARRACKS.

First Lieutenant Lewis C. Lucas.
 Second Lieutenant Louis M. Gullick.

STATION SHIP, PANTHER.

Lieutenant Aaron Ward.
 Lieutenant (jurlor grade) Benton C. Decker.
 Ensigns Adelbert Althouse and James E. Walker.
 Naval Cadets Alfred W. Preessey and Walter M. Falconer.
 Passed Assistant Surgeon Will F. Arnold.
 Assistant Paymaster LeRoy H. Shields.
 First Lieutenant of Marines James E. Mahoney.

MARINE BARRACKS, SITKA, ALASKA.

Captain Mancil C. Goodrell.

NAVAL STATION, WASHINGTON, D. C.

Captain Alexander H. McCormick, Commandant of Yard
 and Station.

NAVY-YARD.

Commander Edwin C. Pendleton, Superintendent Naval
 Gun Factory.
 Lieutenant-Commander Karl Robrer.
 Lieutenants William Kilburn, John M. Robinson, Albert
 Gleaves, William L. Rodgers, John J. Knapp, Francis
 J. Haeseler and John M. Poyer.
 Lieutenants (junior grade) Richard H. Townley (retired)
 and Ryland D. Tisdale.
 Ensigns Harry E. Smith and John L. Sticht.
 Medical Inspector Robert A. Marmion.
 Assistant Surgeon William H. Bell.
 Pay Director Rufus Parks, General Storekeeper.
 Paymaster Livingston Hunt.
 Passed Assistant Paymaster Martin McM. Ramsay.
 Chief Engineer Julien S. Ogden.
 Boatswain William H. Hooker.
 Boatswain John McLaughlin (tug Triton).
 Gunner George Fouse.
 Gunner John J. Walsh (Bellevue).
 Gunners William Walsh and Joseph W. Bullas.
 Pharmacist Francis Wood.
 Mate Charles H. Cleveland (tug Triton).
 Mate Frank A. McGregor.

NAVAL HOSPITAL.

Medical Director George A. Bright.
 Assistant Surgeon Frederick L. Benton.

PURCHASING AND DISBURSING PAYMASTER.

Paymaster Stephen Rand, 1429 New York avenue.

MARINE BARRACKS.

Captain George F. Elliott.
 First Lieutenants Franklin J. Moses, Herbert L. Draper,
 and George Richards.
 Second Lieutenant Randolph C. Berkeley.

NAVAL HOSPITAL, YOKOHAMA, JAPAN.

Surgeon Frank Anderson.
 Passed Assistant Surgeons Leckinski W. Spratling and
 James Stoughton.
 Paymaster Mitchell C. McDonald

OFFICERS EMPLOYED ON SPECIAL SERVICE.

LIGHT-HOUSE ESTABLISHMENT.

LIGHT-HOUSE BOARD.

Commodore Francis J. Higginson, Chairman.
 Captain Yates Stirling, sr.
 Commander Seth M. Ackley, Naval Secretary.

LIGHT-HOUSE INSPECTORS.

First District, Lieutenant-Commander James K. Cogswell, Portland, Me.
 Second District, Commander Harrison G. O. Colby, Boston, Mass.
 Third District, Captain Edwin M. Shepard, Tompkinsville, N. Y.; Assistant to Inspector, Lieutenant-Commander Wainwright Kellogg.
 Fourth District, Lieutenant-Commander Adolph Marix, Philadelphia, Pa.
 Fifth District, Commander Charles M. Thomas, Baltimore, Md.

Sixth District, Commander Conway H. Arnold, Charleston, S. C.
 Seventh District, Lieutenant Nathaniel R. Usher, Key West, Fla.
 Eighth District, Lieutenant-Commander Albion V. Wadhams, New Orleans, La.
 Ninth District, Commander Charles O. Allibone, Chicago, Ill.
 Tenth District, Commander Franklin Hanford, Buffalo, N. Y.
 Eleventh District, Lieutenant-Commander Duncan Kennedy, Detroit, Mich.
 Twelfth District, Commander Uriel Sebree, San Francisco, Cal.
 Thirteenth District, Commander George C. Reiter, Portland, Ore.
 Fourteenth District, ———, Cincinnati, Ohio.
 Fifteenth District, Lieutenant Ambrose B. Wyckoff (retired), St. Louis, Mo.
 Sixteenth District, Lieutenant James M. Helm, Memphis, Tenn.

COAST AND GEODETIC SURVEY OFFICE.

Paymaster William J. Thomson.

COMMISSION OF FISH AND FISHERIES.

Lieutenant (Junior Grade) Robert Platt.

Passed Assistant Engineer Frederic C. Bowers.

NAVAL ATTACHÉS.

Commander Francis M. Barber (retired), United States Embassies, Berlin and Rome, and United States Legation, Vienna.
 Lieutenant John C. Colwell, United States Embassy, London.

Lieutenant William S. Sims, United States Embassy, Paris, and St. Petersburg.
 Lieutenant Albert L. Key, United States Legations, Tokio and Pekin.

PRIZE COMMISSIONERS.

Rear-Admiral Lewis A. Kimberly (retired), Portland, Me.
 Rear Admiral Andrew E. K. Benham (retired), District of Georgia.
 Rear-Admiral John Irwin (retired), District of South Carolina.

Commodore William P. McCann (retired), Southern District of New York.
 Lieutenant-Commander Socrates Hubbard (retired), Eastern District of New York.

SPECIAL DUTY.

Rear Admirals John G. Walker (retired), Francis M. Ramsay (retired).
 Captain Alfred T. Mahan (retired).
 Lieutenant (junior grade) Alfonso H. Cobb (retired).

SPECIAL DUTY, OMAHA EXPOSITION.

Lieutenant-Commander Edward M. Stedman (retired).

SPECIAL DUTY, PARIS EXPOSITION.

Lieutenant Asher C. Baker.

SMITHSONIAN INSTITUTION.

Medical Director James M. Flint.

STATE, WAR, AND NAVY DEPARTMENT BUILDING.

Chief Engineer George W. Baird, Superintendent.

GENERAL INSPECTOR OF HOSPITALS.

Medical Director James Rufus Tryon.

GENERAL INSPECTOR OF PAY CORPS.

Pay Director Frank C. Cosby.

SPECIAL DUTY—Continued.

UNITED STATES CIVIL SERVICE COMMISSION.

Chief Engineer Abraham V. Zane.

TRAINING STATION, YERBA BUENA, CAL.

Civil Engineer Franklin C. Prindle.

COALING STATION, PAGO PAGO, SAMOA.

Civil Engineer Frank T. Chambers.

NICARAGUAN CANAL COMMISSION.

Civil Engineer James W. G. Walker.

RECRUITING DUTY, CHICAGO, ILL.

Lieutenant-Commander Holman Vail (retired).
 Assistant Surgeon James S. Taylor.
 Passed Assistant Engineer Lucius W. Wooster (retired).
 Boatswain Thomas Savage (retired).
 Sailmaker Herman Hansen (retired).

DUTY WITH TORPEDO-BOAT FARRAGUT.

Lieutenants Reginald F. Nicholson and William A. Gill.

DUTY WITH TORPEDO-BOAT FOX.

Lieutenant (Junior Grade) Newton A. McCully.

LINSLEY INSTITUTE, WHEELING, W. VA.

Ensign Baine C. Dent (retired).

SPECIAL DUTY, ASIATIC STATION.

Assistant Engineer Robert M. Wilkins.
 Naval Constructor Richmond P. Hobson (en route to).

PURSUING SPECIAL STUDIES, ANNAPOLIS, MD.

Ensign Joseph W. Powell.
 Naval Cadets William G. DuBose, Ernest F. Eggert, John Halligan, jr., Henry Williams, William C. Watts, Frank L. Pinney.
 Naval Cadet (Engineer Division) Henry T. Wright.

BOARD OF INSPECTION AND SURVEY.

Commodore Frederick Rodgers, President.
 Captain Robley D. Evans.
 Commander William H. Emory.

Chief Engineers Cipriano Andrade and Charles R. Roelker.
 Lieutenant Nathan Sargent.

BOARD ON PROMOTIONS.

Rear-Admiral Montgomery Sicard (retired), President.

Rear-Admirals Edmund O. Matthews (retired), Charles S. Norton (retired).

SUPERINTENDING CONSTRUCTION OF VESSELS.

Naval Constructor John B. Hoover, retired, Superintending Constructor:

Monitor Florida (No. 9), Elizabethport, N. J.
 Torpedo boat Bailey (No. 21), Morris Heights, N. Y.
 Torpedo boat Nicholson (No. 29), Elizabethport, N. J.
 Torpedo boat O'Brien (No. 30), Elizabethport, N. J.
 Torpedo boat Wilkes (No. 35), Morris Heights, N. Y.
 Barges, Elizabethport, N. J.
 Assistant Naval Constructor Holden A. Evans, Assistant Constructor, Elizabethport, N. J.

Naval Constructor William H. Varney, Superintending Constructor:

Gunboat No. 13, Camden, N. J.
 Destroyer Hopkins (No. 6), Wilmington, Del.
 Destroyer Hull (No. 7), Wilmington, Del.
 Destroyer Truxtun (No. 14), Sparrows Point, Md.
 Destroyer Whipple (No. 15), Sparrows Point, Md.
 Destroyer Worden (No. 16), Sparrows Point, Md.
 Torpedo boat Stringham (No. 19), Wilmington, Del.
 Torpedo boat Tingley (No. 34), Paltimer, Md.
 Submarine torpedo boat Plunger, Baltimore, Md.

Naval Constructor Lloyd Bankson, Superintending Constructor:

Monitor Connecticut (No. 8), Bath, Me.
 Torpedo boat Bagley (No. 24), Bath, Me.
 Torpedo boat Barney (No. 25), Bath, Me.
 Torpedo boat Biddle (No. 26), Bath, Me.
 Carpenter Milton F. Roberts, Assistant to Superintending Constructor, Bath, Me.

Naval Constructor Elliott Snow, Superintending Constructor:

Battle ship Wisconsin (No. 9), San Francisco, Cal.
 Battle ship Ohio (No. 12), San Francisco, Cal.
 Monitor Wyoming (No. 10), San Francisco, Cal.

Naval Constructor Elliott Snow, Superintending Constructor—Continued.

Destroyer Paul Jones (No. 10), San Francisco, Cal.
 Destroyer Perry (No. 11), San Francisco, Cal.
 Destroyer Preble (No. 12), San Francisco, Cal.
 Torpedo boat Farragut (No. 11), San Francisco, Cal.
 Assistant Naval Constructor Thomas G. Roberts, Assistant Constructor, San Francisco, Cal.

Naval Constructor George H. Rock, Superintending Constructor:

Destroyer Dale (No. 4), Richmond, Va.
 Destroyer Decatur (No. 5), Richmond, Va.
 Torpedo boat Shubrick (No. 31), Richmond, Va.
 Torpedo boat Stockton (No. 32), Richmond, Va.
 Torpedo boat Thornton, (No. 34), Richmond, Va.
 Assistant Naval Constructor Joseph E. McDonald, Assistant Constructor, Richmond, Va.
 Mate Thomas J. Garrett, Assistant to Constructor, Richmond, Va.

Assistant Naval Constructor Horatio G. Gillmor, Superintending Constructor:
Cruiser Albany, Elswick, England.

Assistant Naval Constructor Homer L. Ferguson, Superintending Constructor:

Torpedo boat Rowan (No. 8), Seattle, Wash.
 Torpedo boat Davis (No. 12), Portland, Oreg.
 Torpedo boat Fox (No. 13), Portland, Oreg.

Assistant Naval Constructor Daniel C. Nutting, jr., Superintending Constructor:

Destroyer Lawrence (No. 8), Weymouth, Mass.
 Destroyer Macdonough (No. 9), Weymouth, Mass.
 Torpedo boat Blakely (No. 27), South Boston, Mass.
 Torpedo boat De Long (No. 28), South Boston, Mass.

ORDER OF PRECEDENCE

OF

COMMISSIONED OFFICERS OTHER THAN THE GRADE OF REAR-ADMIRAL ON THE ACTIVE LIST OF THE UNITED STATES NAVY, NOT AFFECTED BY THE DECISION OF THE ATTORNEY-GENERAL DATED JUNE 28, 1894.

[NOTE.—The date given is the date of precedence in whatever grade the officer may be.]

LINE OFFICERS.

Name.	Date of precedence.	Name.	Date of precedence.	Name.	Date of precedence.
George C. Remy	20 Sept. 55	George W. Pigman	28 Sept. 60	Charles Belknap	20 Feb. 63
Norman H. Farquhar	do	John McGowan	20 Sept. 61	Fernando P. Gilmore	do
John C. Watson	20 Sept. 56	James G. Green	do	Eugene H. C. Leutze	do
John W. Philip	do	James M. Forsyth	do	Uriel Sebres	do
Henry B. Robeson	do	Charles H. Rockwell	do	Albert R. Conden	do
Silas Casey	25 Sept. 56	George A. Converse	do	Edwin C. Pendleton	do
Bartlett J. Cromwell	21 Sept. 57	Royal B. Bradford	do	William Swift	do
Francis J. Higginson	do	Joseph E. Craig	do	Henry B. Mansfield	do
Henry F. Picking	do	Charles M. Thomas	do	Fred. M. Symonds	do
Frederick Rodgers	do	Albert S. Snow	do	Walton Goodwin	do
Louis Kempff	20 Sept. 58	George C. Reiter	do	Albert Ross	do
George W. Sumner	do	Willard H. Brownson	do	Richardson Clover	do
Benjamin F. Day	do	Henry E. Nichols	do	James M. Miller	do
Alex. H. McCormick	21 Sept. 59	William W. Mead	do	Frederick M. Wise	do
Albert S. Barker	do	Edwin S. Houston	do	John V. B. Bleecker	do
Charles S. Cotton	do	Edwin Longnecker	21 Sept. 61	Andrew Dunlap	do
Robley D. Evans	do	George E. Ide	25 Sept. 61	Richard Rush	do
Silas W. Terry	do	George M. Book	do	Edward H. Gheen	do
Merrill Miller	do	Thomas Perry	do	Wells L. Field	do
John J. Read	do	Charles H. Stockton	27 Sept. 61	Harrison G. O. Colby	do
Henry C. Taylor	do	Asa Walker	do	Leavitt C. Logan	do
Mortimer L. Johnson	24 Nov. 59	Oscar W. Farenholt	31 Jan. 62	Conway H. Arnold	do
Edwin M. Shepard	do	Edward T. Strong	do	William S. Cowles	21 July 63
Frank Wildes	do	Robert E. Impey	do	Charles O. Allibone	23 July 63
Henry Glass	do	Eugene W. Watson	do	Edward D. Tausig	do
Philip H. Cooper	do	John F. Merry	do	John E. Pillsbury	22 Sept. 63
George H. Wadleigh	do	William C. Gibson	do	William H. Reeder	do
Arent S. Crowninshield	do	Washburn Maynard	do	Daniel Delehanty	do
James H. Sands	do	Henry W. Lyon	do	Charles C. Cornwall	20 July 64
Yates Stirling	do	James H. Dayton	do	Dennis W. Mullan	do
Francis A. Cook	do	M. R. S. Mackenzie	do	Raymond P. Rodgers	do
Charles E. Clark	do	Charles S. Sperry	do	Royal R. Ingersoll	do
William C. Wise	20 Sept. 60	Frank Courts	do	Adolph Marx	do
Joseph B. Coghlan	do	William W. Reisinger	do	Duncan Kennedy	do
Purnell F. Harrington	do	William T. Burwell	do	Seaton Schroeder	do
Nicoll Ludlow	do	John J. Hunker	do	James D. J. Kelley	21 July 64
Charles D. Sigbee	do	Franklin Hanford	do	Richard Wainwright	do
Nehemiah M. Dyer	do	Robert M. Berry	do	Jefferson F. Moser	do
Colby M. Chester	do	Samuel W. Very	12 Apr. 62	Robert T. Jasper	do
Charles J. Barclay	do	Henry N. Manney	do	Franklin J. Drake	do
French E. Chadwick	do	Chapman C. Todd	do	Thomas C. McLean	do
Benj. P. Lamberton	do	Joseph N. Hemphill	1 June 62	William J. Barnette	do
Richard P. Leary	do	Abraham B. H. Lillie	do	Francis H. Delano	do
William H. Whiting	do	Wm. T. Swinburne	do	Charles T. Forsee	do
Charles O'Neil	24 Sept. 60	Wm. H. Emory	do	Edwin K. Moore	do
Caspar F. Goodrich	do	George A. Bicknell	do	John A. Rodgers	do
Bowman H. McCalla	do	Charles T. Hutchins	do	Albion V. Wadhams	do
Theodore F. Jewell	do	Seth M. Ackley	23 Sept. 62	James D. Adams	do
William M. Folger	do	Benjamin F. Tilley	20 Feb. 63	James R. Selfridge	do
John Schouler	do	Harry Knox	do	James K. Cogswell	do
Francis W. Dickins	do	Clifford H. West	do	William H. Everett	do
George F. F. Wilde	28 Sept. 60	John P. Merrelli	do	John M. Hawley	do
Charles H. Davis	do	Joseph G. Eaton	do	Thomas H. Stevens	do
Charles J. Train	do	Edward P. Wood	do	James W. Carlin	23 July 64
Edwin White	do	William I. Moore	do	Gottfried Blocklinger	do

Name.	Date of precedence.	Name.	Date of precedence.	Name.	Date of precedence.
Perry Garst	23 July 64	Wm. H. H. Southerland	22 June 68	William S. Hogg	24 Sept. 72
Frederic Singer	do	Lucien Young	do	William F. Fullam	5 June 73
Arthur B. Speyers	do	Jesse M. Roper	do	Thomas M. Brumby	do
Ebenezer S. Prime	28 July 64	Charles E. Fox	23 June 68	Horace M. Witzel	do
William P. Potter	do	John C. Fremont	do	Albert G. Winterhalter	do
Nathan E. Niles	do	Albert Mertz	do	John M. Orchard	do
Giles B. Harber	do	Rogers H. Gall	do	John N. Jordan	do
Charles P. Perkins	1 July 65	Vincendon L. Cottman	21 Sept. 68	Augustus F. Fechteler	do
Newton E. Mason	do	Frank E. Sawyer	22 Sept. 68	Edward E. Wright	do
Charles G. Bowman	do	William H. Schuetze	21 June 69	Albert Gleaves	do
William H. Beehler	do	Thomas B. Howard	22 June 69	James P. Parker	do
John B. Briggs	do	Walter C. Cowles	do	Ben W. Hodges	do
Arthur P. Nazro	do	Austin M. Knight	do	Herbert O. Dunn	do
William W. Kimball	do	Charles J. Badger	do	Arthur W. Dodd	do
William P. Day	do	Samuel W. B. Diehl	do	George W. Denfeld	do
John C. Wilson	do	Reginald F. Nicholson	do	Albert W. Grant	do
Uriah R. Harris	do	Samuel C. Lemly	do	Phillip V. Lansdale	do
Richard G. Davenport	do	Edmund B. Underwood	do	Horace W. Harrison	do
Edward B. Barry	do	William F. Halsey	do	Valentine S. Nelson	do
Herbert Winslow	do	Frank A. Wilner	do	William S. Benson	do
William H. Turner	21 July 65	Henry Morrell	23 June 69	William V. Bronaugh	do
Geo. P. Colvocoresses	do	William Winder	do	Frank M. Bostwick	6 June 73
Charles E. Colahan	do	Charles B. T. Moore	do	James H. Oliver	do
Wainwright Kellogg	do	Ten Eyck D. W. Veeder	do	Harry M. Dombaugh	do
Albert G. Berry	do	Alfred Reynolds	do	Percival J. Werlich	do
John A. Norris	do	John M. Robinson	do	Simon Cook	do
William H. Driggs	do	George H. Peters	4 June 70	Thomas S. Rodgers	9 June 74
Nat. J. K. Patch	do	Bradley A. Fiske	do	John G. Quinby	do
Thomas S. Phelps, jr	do	Frank H. Holmes	do	James H. Glennon	do
Karl Rohrer	do	John F. Parker	do	William R. Rush	do
John A. H. Nickels	do	Hamilton Hutchins	do	Harry P. Huse	do
Clinton K. Curtis	do	John M. Bowyer	do	Harry S. Knapp	do
Theodoric Porter	do	John C. Colwell	do	William L. Rodgers	do
Daniel D. V. Stuart	do	William R. A. Rooney	do	Roy C. Smith	do
John H. Moore	do	Edward J. Dorn	do	Albert N. Wood	do
Charles A. Adams	do	Bernard O. Scott	do	Edward Lloyd, jr	do
Kossuth Niles	do	Cameron McR. Winslow	do	Richard M. Hughes	do
Dennis H. Mahan	do	George T. Emmons	do	Charles N. Atwater	do
William F. Low	22 July 65	York Noël	20 Sept. 70	John H. L. Holcombe	do
Nelson T. Houston	do	Albon C. Hodgson	5 June 71	William L. Burdick	do
Clayton S. Richman	24 July 65	James M. Helm	do	Harry Kimmell	do
Samuel P. Comly	26 July 65	William G. Cutler	do	George R. Clark	do
Hawley O. Rittenhouse	23 July 66	Alexander Sharp	do	George H. Stafford	do
Robert G. Peck	do	Charles Laird	do	Allen G. Rogers	do
John Hubbard	do	Nathaniel R. Usher	do	William P. White	do
Alex. McCrackin	do	Walter S. Hughes	do	John H. Shiple	do
George L. Dyer	do	Fidelio S. Carter	do	John E. Craven	do
Lewis C. Heilmer	do	Frank F. Fletcher	do	Jas. H. Hetherington	do
Martin E. Hall	do	Harry H. Hoesly	do	John J. Knapp	do
Edward M. Hughes	do	Frank E. Beatty	do	Augustus C. Almy	do
Herman F. Fickelbaum	do	Moses L. Wood	do	John Hood	17 June 75
Joseph B. Murdock	do	John A. Shearman	do	Leroy M. Garrett	do
Hugo Osterhaus	do	Robert M. Doyle	do	Charles C. Marsh	do
John B. Collins	do	George M. Stoney	do	John B. Blish	do
Charles E. Vreeland	do	Frederick W. Coffin	do	Carl W. Jungen	do
Corwin P. Rees	do	Harry M. Hodges	do	Charles H. Harlow	do
Albert C. Dillingham	do	William B. Caperton	do	William A. Gill	do
George F. W. Holman	do	James T. Smith	do	Thomas W. Ryan	do
Nathan Sargent	do	Henry C. Gearing	5 June 72	Walter J. Sears	19 June 75
Lazarus L. Reamey	24 July 66	Templin M. Potts	do	John Gibson	do
James H. Bull	do	William H. Allen	do	John A. Bell	do
Greenleaf A. Merriam	do	Burns T. Walling	do	John A. Dougherty	do
John B. Milton	28 July 66	Clifford J. Boush	do	Daniel P. Menefee	do
William Kilburn	do	James H. Sears	do	John B. Bernardou	do
Jacob J. Hunker	30 July 66	Abraham E. Culver	do	John H. Gibbons	do
George W. Mentz	28 Sept. 66	Henry T. Mayo	do	Thomas Snowden	do
Sidney A. Staunton	21 June 67	Charles C. Rogers	do	Edwin H. Tillman	do
Aaron Ward	do	John T. Newton	do	Robert F. Lopez	do
Charles W. Bartlett	do	Benjamin Tappan	do	Frank W. Kellogg	do
Channcy Thomas	do	Waldemar D. Rose	do	John L. Purcell	do
William A. Marshall	do	Charles F. Pond	6 June 72	Reuben O. Bitler	do
William M. Irwin	do	Walter McLean	do	Harry Phelps	24 June 76
Gustavus C. Hanus	do	Wash. I. Chambers	do	Patrick W. Hourigan	do
John E. Roller	do	James C. Gillmore	do	Homer C. Poundstone	do
Francis E. Greene	do	Charles A. Gove	do	Albert A. Ackerman	do
Carlos G. Calkins	do	De Witt Coffman	do	Albert P. Niblack	do
William P. Ellott	do	William G. Hannum	8 June 72	William Truxton	do
Henry H. Barroll	do	Richard Henderson	do	Stokely Morgan	do
William E. Sewell	do	Thomas D. Griffin	do	Francis J. Haeseler	do
Henry McCrea	do	Henry Minett	do	Edward Simpson	do
Edward F. Qualtrough	do	Richard T. Mulligan	do	William C. P. Muir	do
James C. Cresap	24 June 67	Wm. Braunersreuther	do	Edwards F. Leiper	do
Asher C. Baker	1 July 67	Francis H. Sherman	do	Jos. H. Rohrbacher	do

ACTIVE LIST BELOW GRADE OF REAR-ADMIRAL.

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Name.	Date of precedence.	Name.	Date of precedence.	Name.	Date of precedence.
William S. Sims	24 June 76	William E. Safford	22 Sept. 76	Hugh Rodman	22 Sept. 76
Miles C. Gorgas	do	William J. Maxwell	do	Robert Platt	21 Sept. 68
Louis S. Van Duzer	do	Franklin Swift	do		
Wilson W. Buchanan	do	John F. Luby	do		
Augustus N. Mayer	do	Lewis J. Clark	do		
Frederick R. Brainard	22 Sept. 76	Theodore G. Dewey	do		

(Continued on page 150.)

MEDICAL OFFICERS.

Chris. J. Cleborne	9 May 55	Millard H. Crawford	1 Nov. 70	Charles M. De Valin	27 Jan. 86
Walter K. Scofield	1 July 55	George P. Lumsden	2 Nov. 70	Charles P. Bagg	17 Mar. 86
Grove S. Beardsley	do	Emlyn H. Marsteller	do	Carl D. Brownell	6 Apr. 86
John H. Clark	14 Aug. 55	William H. Rush	13 Feb. 71	Henry D. Wilson	22 Apr. 86
Wm. K. Van Reypen	2 Sept. 55	James C. Byrnes	do	Lewis Morris	27 June 86
Thomas C. Walton	do	Samuel H. Griffith	15 Dec. 71	John M. Moore	11 Nov. 86
Charles H. White	do	Averley C. H. Russell	3 June 73	Brownlee R. Ward	14 Jan. 87
George W. Woods	do	Clement Biddle	do	Edward M. Shipp	20 Mar. 87
Daniel McMurtrie	do	Henry T. Percy	30 June 73	Charles E. Riggs	13 Apr. 87
James Rufus Tryon	25 June 57	James D. Gatewood	6 July 74	James F. Leys	22 June 87
James M. Flint	26 Oct. 57	Oliver Diehl	do	Richard G. Brodrick	2 Aug. 87
George A. Bright	26 May 58	John M. Edgar	9 July 75	Frank C. Cook	22 Dec. 87
George F. Winslow	do	Phillip Leach	do	Ammen Farenholt	29 May 88
Hosea J. Babin	13 May 59	Lloyd W. Curtis	6 July 76	Charles P. Kindleberger	9 July 88
Joseph B. Parker	8 Oct. 60	Henry B. Fitts	do	Arthur W. Dunbar	10 Oct. 88
Joseph G. Ayers	do	Victor C. B. Means	3 June 78	Theodore W. Richards	12 Nov. 88
Abel F. Price	26 Mar. 62	Frederick J. B. Cordeiro	26 June 78	Reginald K. Smith	3 Apr. 89
Michael C. Drennan	do	Francis W. F. Wieber	3 Nov. 78	Jacob C. Rosenbleuth	14 Oct. 89
James A. Hawke	do	Oliver D. Norton	22 Apr. 79	Moulton K. Johnson	12 Nov. 89
Robert A. Marmon	do	Frederick A. Healer	do	William M. Wheeler	29 May 90
Dwight Dickinson	31 Mar. 63	Louis W. Atee	29 Mar. 80	Robert S. Blakeman	do
William G. Farwell	19 Apr. 63	Isaac W. Kite	1 Apr. 80	Samuel B. Palmer	6 June 90
John C. Wise	21 Mar. 64	Corwin R. Wentworth	do	George D. Costigan	11 Aug. 90
George P. Bradley	do	Arthur J. Decker	17 June 80	Middleton S. Elliott	6 Oct. 90
Charles U. Gravatt	28 Apr. 64	Thomas A. Berryhill	do	Frank L. Pleadwell	24 Oct. 90
Paul Fitzsimons	27 Jan. 65	Eugene P. Stone	5 Aug. 80	Dudley N. Carpenter	do
William S. Dixon	do	Frederick W. Olcott	21 Jan. 81	Daniel H. Morgan	27 Nov. 90
Charles A. Siegfried	5 Mar. 66	Stephen S. White	19 May 81	James C. Pryor	27 Feb. 91
Remus C. Persons	do	George McC. Pickrell	16 Jan. 82	Washington B. Grove	3 June 91
Nelson M. Ferebee	29 Mar. 66	Rand P. Crandall	17 Jan. 82	Raymond Spear	22 June 91
Franklin Rogers	do	Hatton N. T. Harris	13 June 82	Joseph C. Thompson	19 July 91
James R. Wagnener	12 Apr. 66	John F. Urie	3 July 82	Harold H. Haas	28 Dec. 91
Thomas H. Streets	do	Albert M. D. McCormick	23 July 82	Edward V. Armstrong	5 Apr. 92
Manly H. Simons	28 May 66	Will P. Arnold	18 Aug. 82	William H. Bucher	do
John C. Boyd	3 Mar. 67	Charles B. Wilson	1 Feb. 83	Edgar Thompson	19 Apr. 92
George E. H. Harmon	do	Charles F. Stokes	do	John B. Dennis	24 May 92
Howard Wells	do	Edward R. Stitt	23 Mar. 83	Elon O. Huntington	do
Daniel N. Bertolette	do	Manley F. Gates	27 Mar. 83	Ralph T. Orris	27 May 92
Ezra Z. Derr	do	Chas. H. T. Lowndes	30 Mar. 83	David B. Kerr	1 July 92
Frank B. Stephenson	14 Mar. 67	George H. Barber	23 May 83	Charles A. Crawford	do
Presley M. Rixey	28 Jan. 68	George Rothganger	24 May 83	Eugene J. Grow	8 June 92
Walter A. McClurg	8 Feb. 68	George T. Smith	3 June 83	James R. Whiting	14 June 92
Cumberland G. Herndon	3 May 68	George A. Lung	18 Aug. 83	Thomas M. Lippitt	27 June 92
Lucien G. Heneberger	17 June 68	Luther L. Von Wedekind	3 Nov. 83	Alfred G. Grunwell	7 July 92
Edward H. Green	11 Mar. 69	Edward S. Bogert, Jr	16 Apr. 84	Daniel G. Beebe	do
Samuel H. Dickson	19 Mar. 69	Leckinski W. Sprattling	do	Cary D. Langhorne	do
David O. Lewis	8 Apr. 69	Robert M. Kennedy	18 June 84	Jerome S. Chaffee	21 July 92
Howard E. Ames	10 Apr. 69	Norman J. Blackwood	7 July 84	Frederick L. Benton	do
Lloyd B. Baldwin	1 May 69	William C. Braisted	24 Sept. 84	Will M. Garton	27 July 92
Frank Anderson	24 May 69	Sheldon G. Evans	18 Nov. 84	Frank E. McCullough	10 Aug. 92
Phillips A. Lovering	18 June 69	Adrian R. Alfred	24 Nov. 84	Francis M. Furlong	16 Sept. 92
William R. Du Bose	16 Oct. 69	James Stoughton	24 May 85	Granville L. Angeny	do
Charles T. Hibbett	do	Louis L. Young	do	William H. Bell	do
Nelson H. Drake	26 Feb. 70	Michael R. Pigott	do	Holton C. Curl	14 Oct. 92
Henry G. Bever	19 May 70	John E. Page	18 June 85	William L. Bell	16 Nov. 92
John M. Steele	do	Middleton S. Guest	19 Nov. 85	Richmond C. Holcomb	2 Dec. 92
James E. Gardner	3 July 70	Joseph A. Guthrie	27 Jan. 86		

PAY OFFICERS.

Charles H. Eldredge	24 Aug. 55	Joseph A. Smith	9 Sept. 55	Arthur Burtis	14 July 56
Edward May	do	Thomas T. Caswell	do	Edwin Putnam	20 Sept. 56
Henry M. Denniston	do	Albert S. Kenny	19 Mar. 56	Robert P. Lisle	2 July 58
Rufus Parks	do	James E. Tolfree	11 June 56	Leonard A. Frailley	23 July 60
Frank C. Coaby	do	George A. Lyon	11 June 56	George E. Hendee	do
Edwin Stewart	9 Sept. 55	Edward Bellows	do	Henry T. Wright	do
George Cochran	do	George W. Beaman	do	Daniel A. Smith	do

148 ACTIVE LIST BELOW GRADE OF REAR-ADMIRAL.

Name.	Date of preced-ence.	Name.	Date of preced-ence.	Name.	Date of preced-ence.
George H. Griffing.....	23 July 60	Richard T. M. Ball.....	16 June 74	Edmund W. Bonnaffon ..	7 Nov. 90
Albert W. Bacon.....	do	Charles S. Williams.....	do	Joseph Fyffe.....	28 Dec. 90
Charles W. Slamm.....	do	Thomas J. Cowie.....	22 Mar. 75	John H. Merriam.....	18 May 91
Joseph Foster.....	do	John S. Carpenter.....	29 Oct. 75	Timothy S. O'Leary.....	26 July 91
Theodore S. Thompson ..	do	Livingston Hunt.....	do	Ulysses G. Ammen.....	1 Oct. 91
William J. Thomson.....	do	John A. Mudd.....	do	Robert C. Schenck.....	20 Oct. 91
Henry G. Colby.....	do	Willis B. Wilcox.....	do	George Brown, jr.....	15 Nov. 91
John B. Redfield.....	21 Feb. 61	George W. Simpson.....	1 Apr. 76	Walter B. Izard.....	18 Feb. 92
Ichabod G. Hobbs.....	do	Harry R. Sullivan.....	do	David Potter.....	do
Joel P. Loomis.....	do	Samuel L. Heap.....	do	Samuel Bryan.....	14 Mar. 92
Henry T. B. Harris.....	do	John Q. Lovell.....	24 July 76	George M. Lukesh.....	17 Mar. 92
Stephen Rand.....	12 Aug. 63	James S. Phillips.....	21 Oct. 76	John W. Morse.....	12 Apr. 92
Lawrence G. Boggs.....	24 Sept. 63	Thomas S. Jewett.....	14 Mar. 86	Arthur F. Huntington..	10 May 92
Samuel R. Colhoun.....	28 Sept. 63	Frank T. Arms.....	do	Harry H. Balthis.....	do
William W. Barry.....	15 Mar. 64	Thomas H. Hicks.....	27 May 86	Charles Conard.....	do
Josiah R. Stanton.....	25 Mar. 64	Henry E. Jewett.....	do	William T. Gray.....	do
James A. Ring.....	12 July 64	Ziba W. Reynolds.....	do	George P. Dyer.....	24 May 92
James E. Cann.....	14 July 64	Eugene D. Ryan.....	29 July 86	Robert H. Woods.....	do
John N. Speel.....	1 July 69	Samuel McGowan.....	15 Mar. 88	Robert H. Orr.....	do
Reah Frazier.....	15 July 69	Henry A. Dent.....	do	William A. Merritt.....	do
Hiram E. Drury.....	8 Sept. 70	Walter L. Wilson.....	do	Franklin W. Hart.....	do
Charles W. Littlefield..	do	William J. Littell.....	do	Harrison L. Robins.....	do
Arthur Peterson.....	23 Feb. 71	Philip V. Mohun.....	do	Webb V. H. Rose.....	do
Ambrose K. Michler.....	31 Oct. 71	Martin McM. Ramsay.....	22 Aug. 88	William H. Doherty.....	do
William W. Galt.....	25 Jan. 72	Joseph J. Cheatham.....	do	Charles W. Penrose.....	do
John R. Martin.....	14 June 72	Richard Hatton.....	2 Mar. 89	Charles Morris, jr.....	do
Charles M. Ray.....	8 Mar. 73	Barron P. Du Bois.....	23 May 89	Abel B. Pierce.....	do
Mitchell C. McDonald.....	do	Harry E. Biscoe.....	28 Aug. 89	Frederick K. Perkins.....	17 June 92
Eustace B. Rogers.....	do	John Irwin, jr.....	5 Sept. 89	George C. Shafer.....	10 July 92
Leeds C. Kerr.....	16 June 74	George G. Seibels.....	31 Aug. 90	Theodore J. Arms.....	23 Oct. 92

ENGINEER OFFICERS.

William G. Buehler.....	21 Nov. 51	Albert F. Dixon.....	10 Oct. 66	Benjamin C. Bryan.....	15 Sept. 75
Louis J. Allen.....	3 May 53	Joseph P. Micklej.....	do	Harold P. Norton.....	do
George W. Melville.....	26 Aug. 53	William H. Nauman.....	do	Clarence A. Carr.....	do
Joseph Triley.....	21 Feb. 55	John K. Barton.....	1 Oct. 71	Edward H. Scribner.....	do
Peter A. Rearick.....	do	Robert G. Denig.....	do	Thomas F. Carter.....	do
Augustus H. Able.....	do	George B. Ransom.....	1 Oct. 72	Frank M. Bennett.....	do
George J. Burnap.....	13 May 55	William C. Eaton.....	do	James M. Pickrell.....	do
Cipriano Andrade.....	1 July 55	Alfred B. Canaga.....	do	Martin Bevington.....	do
John Lowe.....	12 Aug. 55	Abraham V. Zane.....	do	Frederic C. Bowers.....	do
Charles J. MacConnell..	do	John R. Edwards.....	do	George R. Sallabury.....	do
Lewis W. Robinson.....	do	Stacy Potts.....	do	Samuel H. Leonard, jr..	21 Oct. 75
William H. Harris.....	do	Henry T. Cleaver.....	do	Leo D. Miner.....	14 Sept. 76
James Entwistle.....	7 Jan. 56	Albert B. Willits.....	do	Thomas W. Kinkaid.....	do
Ralph Aston.....	do	James P. S. Lawrance.....	do	Harry Hall.....	do
William A. Windsor.....	30 July 56	Isaac S. K. Reeves.....	do	William H. Alderdice.....	do
Henry S. Ross.....	do	Wythe M. Parks.....	do	Charles A. E. King.....	do
John L. Hannum.....	do	Frank H. Bailey.....	1 Oct. 73	William S. Smith.....	do
Charles R. Roelker.....	do	George S. Willits.....	do	Gustav Kaemmerling.....	18 Sept. 77
John D. Ford.....	do	Walt. F. Worthington..	do	Kenneth McAlpine.....	do
Alexander B. Bates.....	do	William N. Little.....	do	Clarence H. Mathews.....	do
Robert W. Milligan.....	do	Edward R. Freeman.....	do	De Witt C. Redgrave.....	do
Albert C. Engard.....	16 Jan. 57	Theo. F. Burgdorff.....	do	William W. White.....	do
John A. B. Smith.....	do	Frank H. Eldridge.....	do	Bias C. Sampson.....	do
George W. Baird.....	do	Edgar T. Warburton.....	do	Solon Arnold.....	do
Charles W. Rae.....	do	Robert I. Reid.....	do	Martin A. Anderson.....	do
Richard Inch.....	8 Sept. 57	George W. McElroy.....	do	Albert Moritz.....	do
Harrie Webster.....	20 May 58	Reynold T. Hall.....	do	Emil Theiss.....	1 Oct. 78
Holland N. Stevenson..	10 Oct. 66	Franklin J. Schell.....	1 Oct. 74	Wm. H. Chambers.....	do
George Cowie.....	do	Robert S. Griffin.....	do	Charles E. Rommel.....	do
George H. Kearny.....	do	Frank W. Bartlett.....	do	Harry G. Leopold.....	do
William S. Moore.....	do	Frederick C. Bieg.....	do	Robert B. Higgins.....	do
Julien S. Ogden.....	do	Howard Gage.....	do	John C. Leonard.....	do
Warner B. Bayley.....	do	John L. Gow.....	do	Ward P. Winchell.....	do
Charles P. Howell.....	do	George E. Burd.....	do		
James H. Perry.....	do	Walter M. McFarland ..	15 Sept. 75		

(Continued on page 150.)

CHAPLAINS.

Name.	Date of precedence.	Name.	Date of precedence.	Name.	Date of precedence.
Wesley O. Holway.....	2 June 62	Frank Thompson.....	16 May 75	John P. Chidwick.....	2 Mar. 89
David H. Tribou.....	5 Feb. 66	Roswell R. Hoes.....	26 July 79	Harry W. Jones.....	6 June 90
Henry H. Clark.....	27 Jan. 67	Carroll Q. Wright.....	3 Mar. 79	William G. Cassard.....	3 Apr. 91
Adam A. McAlister.....	10 Nov. 67	Walter G. Isaacs.....	25 Apr. 82	Arthur O. Sykes.....	30 Dec. 91
Thomas A. Gill.....	22 Dec. 68	Charles H. Parks.....	do	William T. Helms.....	4 Feb. 92
Sylvester D. Boorum.....	9 July 69	William H. I. Reaney.....	14 Mar. 86	Frederic C. Brown.....	21 Apr. 92
Alfred L. Royce.....	18 Feb. 75	William E. Edmonson.....	24 Aug. 88	Robert E. Steele.....	24 Oct. 92
William F. Morrison.....	5 May 75	John B. Frazier.....	2 Mar. 89	Curtis H. Dickins.....	11 Nov. 92

PROFESSORS OF MATHEMATICS.

William Harkness.....	24 Aug. 57	Marshal Oliver.....	20 May 75	Omenzo G. Dodge.....	29 June 86
Wm. W. Hendrickson.....	21 Mar. 67	Stimson J. Brown.....	do	Henry M. Paul.....	3 Apr. 91
Henry D. Todd.....	16 Sept. 71	Edward K. Rawson.....	28 Oct. 84	Aaron N. Skinner.....	30 July 92
Edgar Frisby.....	11 June 72	Philip R. Alger.....	1 Nov. 84		

NAVAL CONSTRUCTORS AND ASSISTANT NAVAL CONSTRUCTORS.

Philip Hichborn.....	26 July 63	Robert Stocker.....	19 May 85	Homer L. Ferguson.....	1 July 88
William H. Varney.....	24 May 65	Frank W. Hibbs.....	do	Robert B. Dashiell.....	do
John F. Hanscom.....	30 July 69	Elliot Snow.....	do	Daniel C. Nutting, jr.....	1 July 89
Joseph Feaster.....	do	Richmond P. Hobson.....	1 July 85	Holden A. Evans.....	do
Francis T. Bowles.....	15 Sept. 75	George H. Rock.....	do	William P. Robert.....	1 July 90
Joseph H. Linnard.....	21 June 77	Thomas F. Rnhm.....	19 May 86	Daniel H. Cox.....	do
Joseph J. Woodward.....	17 June 77	Lawrence Spear.....	do	Thomas G. Roberts.....	do
David W. Taylor.....	13 June 81	Frank B. Zahm.....	19 May 87	Lawrence S. Adams.....	do
Albert W. Stahl.....	14 June 81	Horatio G. Gilmor.....	do	Stuart F. Smith.....	1 July 91
William J. Baxter.....	6 June 82	Henry G. Smith.....	do	William G. Groesbeck.....	do
Washington L. Capps.....	do	Richard M. Watt.....	do	Richard H. Robinson.....	21 Apr. 92
Lloyd Bankson.....	17 May 83	John D. Beuret.....	1 July 88		
John G. Tawresey.....	do	Joseph E. McDonald.....	do		

CIVIL ENGINEERS.

Peter C. Asserson.....	6 Mar. 68	Robert E. Peary.....	26 Oct. 75	Luther E. Gregory.....	5 Apr. 92
Mordecai T. Endicott.....	13 July 68	George Mackay.....	11 Apr. 84	Homer R. Stanford.....	24 May 92
Ulysses S. G. White.....	9 Jan. 71	Richard C. Hollyday.....	15 Mar. 88	James W. G. Walker.....	29 July 92
Franklin C. Prindle.....	22 July 73	Adolfo J. Menocal.....	15 Mar. 88	Andrew C. Cunningham.....	29 Sept. 92
Chris. C. Wolcott.....	26 Oct. 75	Frank T. Chambers.....	19 July 91	Henry H. Roussau.....	do
Frank O. Maxson.....	do	Charles W. Parks.....	do	Fred Thompson.....	do

NOTE.—In cases when officers of different corps have the same date of precedence they will take rank as now published in the Navy Register, as follows:

1. Line Officers.
2. Medical Officers.
3. Pay Officers.
4. Engineer Officers.
5. Chaplains.
6. Professors of Mathematics.
7. Naval Constructors.
8. Civil Engineers.

ORDER OF PRECEDENCE OF GRADUATES OF THE NAVAL ACADEMY WHO HAVE BEEN COMMISSIONED IN THE LINE AND ENGINEER CORPS SINCE AUGUST 5, 1882.

Decision of the Attorney-General, dated June 28, 1894.

[NOTE.—The date given is the date of precedence in whatever grade the officer may be.]

Name.	Corps.	Date.	Name.	Corps.	Date.
John A. Hoogewerff.....	Line.....	28 June 77	Andrew T. Long.....	Line.....	17 May 83
Edward E. Capehart.....	do.....	do.....	Edward H. Durell.....	do.....	do.....
Henry B. Wilson.....	do.....	do.....	Archibald H. Scales.....	do.....	do.....
George P. Blow.....	do.....	do.....	Fori H. Brown.....	do.....	do.....
Spencer S. Wood.....	do.....	28 June 78	Victor Blue.....	do.....	do.....
Guy W. Brown.....	do.....	do.....	Clarence M. Stone.....	do.....	do.....
William B. Fletcher.....	do.....	do.....	Thomas Washington.....	do.....	do.....
Marbury Johnston.....	do.....	do.....	Francis Boughter.....	do.....	do.....
William B. Whittlesey.....	do.....	do.....	Archibald H. Davis.....	do.....	do.....
Edwin A. Anderson.....	do.....	do.....	Guy H. Burrage.....	do.....	19 May 83
Joseph L. Jayne.....	do.....	do.....	Frank M. Russell.....	do.....	do.....
James G. Doyle.....	do.....	do.....	James E. Palmer.....	Engineer.....	28 June 83
Albert L. Key.....	do.....	do.....	Josiah S. McKean.....	do.....	do.....
William L. Howard.....	do.....	do.....	Charles H. Hayes.....	do.....	do.....
Wiley R. M. Field.....	do.....	do.....	Horace W. Jones.....	do.....	do.....
John M. Poyer.....	do.....	do.....	William W. Bush.....	do.....	do.....
Charles P. Eaton.....	do.....	16 June 79	Frank Marble.....	Line.....	17 May 84
John M. Ellicott.....	do.....	do.....	Ashley H. Robertson.....	do.....	do.....
Charles W. Dyson.....	Engineer.....	do.....	Carlo B. Brittain.....	do.....	do.....
Harry George.....	Line.....	17 June 79	Casey B. Morgan.....	do.....	do.....
Frederick L. Chapin.....	do.....	29 Sept. 79	William M. Crose.....	do.....	do.....
William C. Herbert.....	Engineer.....	1 Oct. 79	John F. Hubbard.....	do.....	do.....
Alexander S. Halstead.....	do.....	do.....	Marcus L. Miller.....	do.....	do.....
Harry A. Field.....	Line.....	2 Oct. 79	Lloyd H. Chandler.....	do.....	do.....
Chester M. Knepfer.....	do.....	4 June 80	Oscar W. Koester.....	Engineer.....	do.....
Clarence S. Williams.....	do.....	do.....	Samuel N. Hayward.....	Line.....	18 May 84
Albert M. Beecher.....	do.....	do.....	Samuel S. Robison.....	do.....	do.....
Frank K. Hill.....	do.....	14 June 80	Henry K. Benham.....	do.....	do.....
Roger Welles, jr.....	do.....	do.....	Charles F. Hughes.....	do.....	do.....
John D. McDonald.....	do.....	do.....	Albert L. Norton.....	do.....	do.....
Walter O. Hulme.....	do.....	do.....	James H. Reid.....	do.....	do.....
Henry E. Parmenter.....	do.....	do.....	Edward L. Beach.....	Engineer.....	do.....
Hilary P. Jones.....	do.....	do.....	Herman O. Stickney.....	do.....	do.....
William K. Shoemaker.....	do.....	do.....	Henry A. Wiley.....	Line.....	19 May 84
Isaac K. Seymour.....	do.....	25 Sept. 80	Frederick B. Bassett.....	do.....	do.....
Charles M. Fahn.....	do.....	1 Oct. 80	Herbert G. Gates.....	do.....	4 Sept. 84
Charles P. Plunkett.....	do.....	do.....	Richard H. Jackson.....	do.....	do.....
Humes H. Whittlesey.....	do.....	do.....	Arthur B. Hoff.....	do.....	20 May 85
Albert C. Dieffenbach.....	do.....	15 June 81	Nathan C. Twining.....	do.....	do.....
Theodore C. Fenton.....	do.....	do.....	Benjamin F. Hutchison.....	do.....	do.....
Volney O. Chase.....	do.....	do.....	Sumner E. W. Kittle.....	do.....	do.....
George R. Slocum.....	do.....	do.....	William V. Pratt.....	do.....	do.....
William G. Miller.....	do.....	do.....	Louis M. Nulton.....	Engineer.....	do.....
George W. Kline.....	do.....	do.....	George R. Marvell.....	Line.....	21 May 85
John P. McGuinness.....	do.....	do.....	John B. Patton.....	Engineer.....	do.....
Joseph Strauss.....	do.....	do.....	Thomas P. Magruder.....	Line.....	22 May 85
Charles S. Stanworth.....	do.....	do.....	William D. MacDougall.....	do.....	do.....
Robert L. Russell.....	do.....	do.....	George B. Bradshaw.....	do.....	do.....
Harrison A. Bispham.....	do.....	do.....	George W. Danforth.....	Engineer.....	do.....
Armistead Rust.....	Line.....	do.....	Louis R. de Steiguer.....	Line.....	23 May 85
George R. Evans.....	do.....	do.....	William W. Phelps.....	do.....	do.....
Edward W. Eberle.....	do.....	do.....	Louis A. Kaiser.....	do.....	do.....
Charles M. McCormick.....	do.....	28 Sept. 81	William C. Cole.....	do.....	do.....
Glennie Tarbox.....	do.....	do.....	Cleland N. Offey.....	Engineer.....	do.....
William W. Gilmer.....	do.....	do.....	Charles A. Brand.....	Line.....	24 May 85
Robert E. Coontz.....	do.....	do.....	Philip Williams.....	do.....	do.....
William H. G. Bullard.....	do.....	17 June 82	Warren J. Terhune.....	do.....	do.....
Webster A. Edgar.....	do.....	do.....	George G. Mitchell.....	do.....	do.....
Joseph W. Oman.....	do.....	do.....	William K. Harrison.....	do.....	do.....
Philip Andrews.....	do.....	do.....	Frank H. Schofield.....	do.....	19 May 86
William H. Faust.....	do.....	do.....	Noah T. Coleman.....	do.....	do.....
Harold K. Hines.....	do.....	do.....	Urban T. Holmes.....	Engineer.....	do.....
Ryland D. Tisdale.....	do.....	do.....	Jehu V. Chase.....	Line.....	20 May 86
Samuel M. Strue.....	do.....	do.....	Henry J. Ziegemeier.....	do.....	do.....
George F. Cooper.....	do.....	do.....	Cleland Davis.....	do.....	do.....
Edward T. Witherspoon.....	do.....	28 Sept. 82	Matt H. Signor.....	do.....	do.....
Benton C. Decker.....	do.....	2 May 83	William H. Buck.....	do.....	do.....
Mark L. Bristol.....	do.....	do.....	George W. Williams.....	do.....	do.....
Benjamin W. Wells.....	do.....	do.....	Claude B. Price.....	Engineer.....	do.....
Newton A. McCully.....	Line.....	do.....	Montgomery M. Taylor.....	Line.....	21 May 86
Levi C. Bertolette.....	do.....	do.....	Henry S. Ritter.....	do.....	do.....
George W. Logan.....	do.....	do.....	Franklin B. Sullivan.....	do.....	do.....
Edward Moale, jr.....	do.....	do.....	Charles T. Vogelgesang.....	do.....	do.....
Henry F. Bryan.....	do.....	do.....	Charles B. McVay, jr.....	do.....	do.....

ACTIVE LIST BELOW GRADE OF REAR-ADMIRAL.

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Name.	Corps.	Date.	Name.	Corps.	Date.
Lay H. Everhart	Line	21 May 86	Emmet R. Pollock	Engineer	6 Sept. 89
Claude Bailey	do	do	André M. Procter	do	do
John H. Dayton	do	do	John P. J. Ryan	do	17 Apr. 90
Lucius A. Bostwick	do	do	John R. Morris	do	do
William A. Moffett	do	do	Chester Wells	do	do
Julian L. Latimer	do	do	Irvin V. Gillis	Line	19 May 90
Doctor E. Diamukes	Engineer	do	Ridley McLean	do	do
John R. Edie	Line	22 May 86	Raymond Stone	do	do
Reginald R. Belknap	do	19 May 87	David F. Sellers	do	do
De Witt Blamer	do	do	Charles Webster	do	do
John K. Robison	Engineer	do	John T. Tompkins	do	do
Arthur L. Willard	Line	20 May 87	John M. Hudgins	Engineer	do
Edwin T. Pollock	do	do	Provost Balin	Line	20 May 90
Clark D. Stearns	do	do	Simon P. Fullinwider	do	do
Harry H. Caldwell	do	do	Lewis B. Jones	do	do
Henry C. Kuenzli	do	do	Boling K. McMorris	Engineer	do
John H. Rowen	Engineer	do	Stephen V. Graham	Line	21 May 90
Henry H. Hough	Line	21 May 87	Alfred W. Hinds	Engineer	do
Milton E. Reed	Engineer	do	Ernest L. Bennett	Line	22 May 90
Harley H. Christy	Line	22 May 87	Roscoe C. Moody	Engineer	do
Noble E. Irwin	do	do	Fritz L. Sandoz	Line	23 May 90
Waldo Evans	do	do	Leland F. James	Engineer	do
Charles E. Enrich	Engineer	do	John M. Luby	Line	24 May 90
Thomas J. Senn	Line	23 May 87	Ralph H. Chappell	Engineer	do
Jay H. Sypher	do	do	Joseph M. Reeves	do	do
Bion B. Biser	do	do	William P. Scott	Line	25 May 90
William H. McGrann	Engineer	do	Arthur G. Kavanagh	do	do
Horace G. MacFarland	Line	24 May 87	Ignatius T. Cooper	Engineer	do
Charles F. Preston	do	25 May 87	Carlton F. Snow	Line	26 May 90
Richard H. Leigh	do	do	Henry T. Baker	Engineer	do
Adelbert Althouse	do	do	Frank Lyon	do	do
William D. Brotherton	do	do	Charles S. Bookwalter	Line	27 May 90
James F. Carter	do	do	Hutch I. Cone	Engineer	do
Harry E. Smith	do	do	Roscoe C. Bulmer	Line	28 May 90
George W. Laws	Engineer	do	Gilbert S. Galbraith	do	do
Armin Hartrath	do	do	Emory Winship	Engineer	do
George C. Day	Line	19 May 88	Roscoe Spear	Line	29 May 90
Luke McNamee	do	do	Robert W. McNeely	do	do
Frederick L. Sawyer	do	do	Walter S. Turpin	do	do
Charles L. Hussey	do	20 May 88	George L. P. Stone	do	do
John R. Y. Blakely	do	do	William S. Whitted	do	do
Charles T. Jewell	do	do	Robert H. Osborn	do	do
Gregory C. Davison	do	do	Walter J. Manion	do	do
Leon S. Thompson	do	do	George E. Gelm	do	do
Frederick A. Traut	do	do	Clarence England	do	do
John F. Hines	do	do	Edwin H. De Laney	Engineer	do
Fred R. Payne	do	do	Frank H. Brumby	Line	19 May 91
Robert K. Crank	Engineer	do	Thomas M. Dick	Engineer	do
Stanford E. Moses	do	do	Charles K. Mallory	do	do
Powers Symington	Line	21 May 88	Frank P. Baldwin	Line	20 May 91
Yates Stirling, jr	do	do	William C. Davidson	do	do
Raymond D. Hasbrouck	Engineer	do	Newton Mansfield	Engineer	do
George Mallison	Line	22 May 88	Harris Laning	Line	21 May 91
Walter Ball	Engineer	do	James P. Morton	Engineer	do
Joel R. P. Pringle	Line	23 May 88	Daniel M. Garrison	do	do
Benjamin B. McCormick	do	do	Franklin D. Karns	do	do
Edward S. Kellogg	Engineer	18 Aug. 88	David W. Todd	Line	22 May 91
David V. H. Allen	do	6 Sept. 88	John V. Klemann	do	do
Wilfrid V. Powelson	Line	18 May 89	William R. Cushman	do	do
William S. Montgomery	do	do	Henry V. Butler, jr	do	do
Frank H. Clark, jr	do	do	Walter R. Gherardi	do	do
Henry H. Ward	do	do	John R. Monaghan	do	do
Eugene L. Bisset	do	do	James J. Raby	do	do
Edward H. Campbell	do	do	James E. Walker	do	do
Charles J. Lang	do	do	Frederick N. Freeman	Engineer	do
Henry B. Price	Engineer	do	William H. Standley	Line	23 May 91
Walter S. Crosley	Line	19 May 89	Arthur T. Chester	do	do
Martin E. Trench	Engineer	do	Cassius B. Barnes	do	4 Sept. 91
William K. Gise	Line	20 May 89	Albion J. Walhams	do	do
Thomas S. Wilson	do	do	Kenneth M. Bennett	do	do
Henry A. Pearson	do	do	Edward H. Watson	do	do
Orton P. Jackson	do	do	Orlo S. Knepper	do	do
Frank D. Read	Engineer	do	Michael J. McCormack	do	5 Sept. 91
Frank L. Chadwick	Line	21 May 89	John F. Marshall, jr	Engineer	do
John S. Doddridge	do	do	Rufus Z. Johnston, jr	Line	6 Sept. 91
Percy N. Olmsted	do	do	Ernest F. Eckhardt	Engineer	do
John R. Brady	Engineer	3 June 89	Edward H. Dunn	do	do
Allen M. Cook	do	do	Thomas D. Parker	do	do
Christopher C. Fewel	Line	4 June 89	Charles L. Leiper	do	20 May 92
Frank B. Upham	do	do	Jonas H. Holden	Line	21 May 92
John L. Sticht	do	do	Thomas T. Craven	do	do
Richard S. Douglas	do	do	Charles L. Poor	do	do
Alfred A. McKethan	do	5 Sept. 89	Ralph Earle	do	do
Alfred A. Pratt	do	6 Sept. 89	Gatewood S. Lincoln	Engineer	do

ACTIVE LIST BELOW GRADE OF REAR-ADMIRAL.

Name.	Corps.	Date.	Name.	Corps.	Date.
Andrew E. Kalbach.....	Line.....	22 May 92	Charles E. Gilpin.....	Line.....	3 July 92
Edward T. Fitzgerald.....	Engineer.....	do	Mark St. C. Ellis.....	do	do
Daniel W. Wurtsbaugh.....	Line.....	23 May 92	Edward McCauley, jr.....	do	6 Sept. 92
Ivan C. Wettengel.....	do	do	Kenneth G. Castleman.....	Engineer.....	do
Charles M. Tozer.....	do	do	William L. Littlefield.....	do	do
Henry O. Bisset.....	Engineer.....	do	Earl P. Jessop.....	Line.....	7 Sept. 92
Watt T. Cluverius.....	Line.....	24 May 92	John H. Roys.....	do	do
Duncan M. Wood.....	do	1 July 92	Henry C. Mustin.....	do	do
Leigh C. Palmer.....	do	do	Pope Washington.....	Engineer.....	do
Albert W. Marshall.....	Engineer.....	do	George B. Rice.....	do	do
Thomas A. Kearny.....	Line.....	2 July 92	Roland I. Curtin.....	Line.....	8 Sept. 92
Arthur MacArthur, jr.....	do	do	James B. Henry, jr.....	Engineer.....	do
Frank E. Ridgely.....	do	do	Arthur Crenshaw.....	do	do
Dudley W. Knox.....	do	do	Anon Bronson, jr.....	Line.....	30 Sept. 92
Charles P. Burt.....	Engineer.....	do	Joseph W. Powell.....	do	19 May 93

A.

LIST OF SHIPS OF THE UNITED STATES NAVY.

[ABBREVIATIONS.—Hull: S., steel; I., iron; W., wood. Propulsion: S., screw; T. S., twin screw; Tr. S., triple screw; P., paddle.]

FIRST RATE.

Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns (main battery).	Station or condition.
Iowa	11,340	1st class battle ship	S.	12,105	T. S.	18	Special service Squadron.
Indiana	10,288	do	S.	9,738	T. S.	16	North Atlantic Station.
Massachusetts	10,288	do	S.	10,403	T. S.	16	Do.
Oregon	10,288	do	S.	11,111	T. S.	16	Special service Squadron.
Brooklyn	9,215	Armored cruiser	S.	18,769	T. S.	20	North Atlantic Station.
New York	8,200	do	S.	17,401	T. S.	18	Do.
Columbia	7,375	Protected cruiser	S.	18,509	Tr. S.	11	In reserve.
Minneapolis	7,375	do	S.	20,862	Tr. S.	11	Do.
Texas	6,315	2d class battle ship	S.	8,610	T. S.	8	North Atlantic Station.
Puritan	6,060	Double-turret monitor.	I.	3,700	T. S.	10	In reserve, navy-yard, Norfolk, Va.
Olympia	5,870	Protected cruiser	S.	17,313	T. S.	14	Asiatic Station.

SECOND RATE.

Chicago	4,500	Protected cruiser	S.	9,000	T. S.	18	North Atlantic Station.
Baltimore	4,413	do	S.	10,064	T. S.	10	Asiatic Station.
Philadelphia	4,324	do	S.	8,815	T. S.	12	Pacific Station.
Monterey	4,084	Barbette turret, low free-board monitor.	S.	5,244	T. S.	4	Asiatic Station.
Newark	4,098	Protected cruiser	S.	8,869	T. S.	12	North Atlantic Station.
San Francisco	4,098	do	S.	9,913	T. S.	12	Navy-yard, Norfolk, Va.
Charleston	3,730	do	S.	6,666	T. S.	8	Asiatic Station.
Miantonomoh	3,990	Double-turret monitor.	I.	1,426	T. S.	4	In reserve, League Island, Pa.
Amphitrite	3,990	do	I.	1,600	T. S.	6	Special service.
Monadnock	3,990	do	I.	3,000	T. S.	6	Asiatic Station.
Terror	3,990	do	I.	1,600	T. S.	4	In reserve, navy-yard, Norfolk, Va.
New Orleans	3,437	Protected cruiser	S.	7,500	T. S.	10	North Atlantic Station.
Albany	3,437	do	S.	7,500	T. S.	10	Being completed.
Lancaster	3,250	Cruiser	W.	1,000	S.	12	Special service.
Cincinnati	3,213	Protected cruiser	S.	10,000	T. S.	11	North Atlantic Station.
Raleigh	3,213	do	S.	10,000	T. S.	11	Unassigned.
Atlanta	3,000	do	S.	4,030	S.	8	Repairing at navy-yard, New York.
Boston	3,000	do	S.	4,030	S.	8	Asiatic Station.

THIRD RATE.

Hartford	2,790	Cruiser	W.	2,000	S.	13	Repairing at navy-yard, Mare Island.
Mayflower	2,690	do		4,700	T. S.	2	North Atlantic Station.
Katahdin	2,155	Harbor-defense ram	S.	5,068	T. S.	4	Navy-yard, League Island.
Ajax	2,100	Single-turret monitor.	I.	340	S.	2	Do.
Canonicus	2,100	do	I.	340	S.	2	Do.
Mahopac	2,100	do	I.	340	S.	2	Do.
Manhattan	2,100	do	I.	340	S.	2	Do.
Detroit	2,089	Unprotected cruiser	S.	5,227	T. S.	10	North Atlantic Station.
Montgomery	2,089	do	S.	5,580	T. S.	10	Do.
Marblehead	2,089	do	S.	5,451	T. S.	10	Do.
Mobican	1,900	Cruiser	W.	1,100	S.	8	Navy-yard, Mare Island.
Comanche	1,875	Single-turret monitor.	I.	340	S.	2	Do.
Catskill	1,875	do	I.	340	S.	2	Navy-yard, League Island.
Jason	1,875	do	I.	340	S.	2	Do.
Lehigh	1,875	do	I.	340	S.	2	Do.
Montauk	1,875	do	I.	340	S.	2	Do.
Nahant	1,875	do	I.	340	S.	2	Do.
Nantucket	1,875	do	I.	340	S.	2	Naval Station, Port Royal, S. C.
Passaic	1,875	do	I.	340	S.	2	Navy-yard, Pensacola.
Bennington	1,710	Gunboat	S.	3,436	T. S.	6	Asiatic Station.
Concord	1,710	do	S.	3,405	T. S.	6	Do.

Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns (main battery).	Station or condition.
Yorktown	1,710	Gunboat	S.	3,392	T. S.	6	Pacific Station.
Topeka	1,700	do	I.	2,000	S.	6	North Atlantic Station.
Dolphin	1,486	Dispatch boat	S.	2,253	S.	3	Special service.
Wilmington	1,392	Light-draft gun-boat.	S.	1,894	T. S.	8	Unassigned.
Helena	1,392	do	S.	1,988	T. S.	8	Asiatic Station.
Adams	1,375	Cruiser	W.	800	S.	6	Training service.
Alliance	1,375	do	W.	800	S.	6	Do.
Essex	1,375	do	W.	800	S.	6	Do.
Enterprise	1,375	do	W.	800	S.	4	Public Marine School, Boston.
Nashville	1,371	Light-draft gun-boat.	S.	2,536	T. S.	8	North Atlantic Station.
Monocacy	1,370	do	I.	850	P.	6	Asiatic Station.
Castine	1,177	Gunboat	S.	2,199	T. S.	8	North Atlantic Station.
Machias	1,177	do	S.	2,046	T. S.	8	Do.
Alert	1,020	Cruiser	I.	500	S.	3	Navy-yard, Mare Island.
Ranger	1,020	do	I.	500	S.	6	Navy-yard, Mare Island.
Annapolis	1,000	Composite gunboat.	Comp.	1,227	S.	6	Training service.
Vicksburg	1,000	do	Comp.	1,118	S.	6	Do.
Wheeling	1,000	do	Comp.	1,081	T. S.	6	Special service.
Marietta	1,000	do	Comp.	1,054	T. S.	6	North Atlantic Station.
Newport	1,000	do	Comp.	1,008	S.	6	Navy-yard, Norfolk, Va.
Princeton	1,000	Composite gunboat.	Comp.	800	S.	6	North Atlantic Station.

FOURTH RATE.

Vesuvius	929	Dynamite-gun vessel.	S.	3,795	T. S.	3	Navy-yard, Boston.
Petrel	892	Gunboat	S.	1,095	S.	4	Asiatic Station.
Fern	840	Training ship	W.	.....	S.	.....	Naval Militia, Washington, D. C.
Bancroft	839	Gunboat	S.	1,213	T. S.	4	Navy-yard, Boston.
Michigan	685	Cruiser	I.	365	P.	4	Special service, Northwestern Lakes.
Pinta	550	Gunboat	I.	310	S.	2	Naval Militia, San Diego, Cal.

TORPEDO BOATS.

Cushing (No. 1)	105	Torpedo boat	S.	1,720	T. S.	a3	Navy-yard, New York.
Ericsson (No. 2)	120	do	S.	1,800	T. S.	a3	Do.
Rodgers (No. 3)	142	do	S.	2,000	T. S.	a3	Do.
Foote (No. 4)	142	do	S.	2,000	T. S.	a3	Do.
Winslow (No. 5)	142	do	S.	2,000	T. S.	a3	Do.
Porter (No. 6)	165	do	S.	.....	T. S.	a3	Do.
Dupont (No. 7)	165	do	S.	.....	T. S.	a3	Naval Station, Newport, R. I.
Rowan (No. 8)	182	do	S.	3,200	T. S.	a3	Moran Bros. Co., Seattle, Wash.
Dahlgren (No. 9)	146	do	S.	4,200	T. S.	a2	Building at Bath Iron Works.
T. A. M. Craven (No. 10)	146	do	S.	4,200	T. S.	a2	Do.
Farragut (No. 11)	273	do	S.	5,600	T. S.	a2	Building at Union Iron Works.
Davis (No. 12)	132	do	S.	1,750	T. S.	a3	Building at Wolf & Zwicker's Works, Portland, Oreg.
Fox (No. 13)	132	do	S.	1,750	T. S.	a3	Do.
Morris (No. 14)	195	do	S.	1,750	T. S.	a3	Naval Station, Newport, R. I.
Talbot (No. 15)	464	do	S.	850	S.	a2	Naval Academy, Annapolis, Md.
Gwin (No. 16)	46	do	S.	850	S.	a2	Do.
Mackenzie (No. 17)	65	do	S.	850	S.	a2	Chas. Hillman & Co., Philadelphia, Pa.
McKee (No. 18)	65	do	S.	850	S.	a2	Navy-yard, New York.
Stringham (No. 19)	340	do	S.	7,200	T. S.	a2	Building at Harlan & Hollingsworth Co.'s Works, Wilmington, Del.
Goldsborough (No. 20)	2474	do	S.	.....	T. S.	a2	Building at Wolf & Zwicker's Works, Portland, Oreg.
Bailey (No. 21)	235	do	S.	5,600	T. S.	a2	Building at Gas Engine and Power Co. and Chas. L. Seabury Co. Consolidated Works, Morris Heights, N. Y.
Manly (No. 22) .....	.....	do .....	.....	.....	.....	a1	Laid up at navy-yard, New York.
Somers (No. 23)	145	do	S.	1,900	S.	.....	Falmouth, England.
Bagley (No. 24)	187	Torpedo boat	S.	.....	T. S.	a3	Building at Bath Iron Works, Maine.
Barney (No. 25)	187	do	S.	.....	T. S.	a3	Do.
Biddle (No. 26)	187	do	S.	.....	T. S.	a3	Do.
Blakely (No. 27)	165	do	S.	3,000	T. S.	a3	Building at Lawley & Sons, South Boston, Mass.
De Long (No. 28)	165	do	S.	3,000	T. S.	a3	Do.

a Torpedo tubes.

Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns (main battery).	Station or condition.
Nicholson (No. 29) ...	174	Torpedo boat	S.	.....	T. S.	α 3	Building by Lewis Nixon, Elizabethport, N. J.
O'Brien (No. 30)	174	do	S.	.....	T. S.	α 3	Do.
Shubrick (No. 31)	165	do	S.	3,000	T. S.	α 3	Building by Wm. R. Trigg Co., Richmond, Va.
Stockton (No. 32)	165	do	S.	3,000	T. S.	α 3	Do.
Thornton (No. 33)	165	do	S.	3,000	T. S.	α 3	Do.
Tingey (No. 34)	165	do	S.	3,000	T. S.	α 3	Building by Columbian Iron Works, Baltimore, Md.
Wilkes (No. 35)	165	do	S.	3,000	T. S.	α 3	Building by Gas Engine and Power Co. and Chas. L. Seabury & Co., Consolidated, Morris Heights, N. Y.
Stiletto	31	do	W.	359	S.	α 2	Torpedo Station, Newport, R. I.

TUGS.

Fortune	450	Tug	I.	340	S.	.....	Repairing at navy-yard, Norfolk.
Iwana	192	do	S.	300	S.	.....	Yard tug, Boston.
Leyden	450	do	I.	340	S.	.....	Naval Station, Newport, R. I.
Narkeeta	192	do	S.	300	S.	.....	Yard tug, New York.
Nina	357	do	I.	388	S.	.....	Navy-yard, New York.
Rocket	187	do	W.	147	S.	.....	Navy-yard, Boston.
Standish	450	do	I.	340	S.	1	Naval Academy, Annapolis, Md.
Traffic	280	do	W.	.....	S.	.....	Navy-yard, New York.
Triton	212	do	S.	300	S.	.....	Yard tug, Washington.
Wabnetta	192	do	S.	300	S.	.....	Yard tug, Norfolk.
Unadilla	315	do	S.	500	S.	.....	Yard tug, Mare Island.
Samoset	225	do	S.	450	S.	.....	Key West.

SAILING SHIPS.

Monongshela	2,100	.....	W.	.....	Sails	4	Naval Academy.
Constellation	1,188	.....	W.	.....	do	8	Stationary training ship, Newport.
Jamestown	1,150	do	W.	.....	do	.....	Transferred to Marine-Hospital Service.
Portsmouth	1,125	.....	W.	.....	do	12	Naval Militia, New Jersey.
Saratoga	1,025	.....	W.	.....	do	.....	Public Marine School, Philadelphia.
St. Mary's	1,025	.....	W.	.....	do	.....	Public Marine School, New York.

RECEIVING SHIPS.

Franklin	5,170	.....	W.	1,050	S.	4	Receiving ship, Norfolk.
Wabash	4,650	.....	W.	950	S.	.....	Receiving ship, Boston.
Vermont	4,150	.....	W.	.....	Sails	.....	Receiving ship, New York.
Independence	3,270	.....	W.	.....	do	6	Receiving ship, Mare Island.
Pensacola	3,000	.....	W.	680	S.	.....	Do.
Richmond	2,700	.....	W.	692	S.	2	Receiving ship, League Island.

UNSERVICEABLE.

New Hampshire	4,150	Sailing ship	W.	.....	Sails	6	Naval Militia, New York, N. Y.
Omaha	2,400	Cruiser	W.	953	S.	.....	Transferred to Marine-Hospital Service.
Constitution	2,200	.....	W.	.....	Sails	4	Navy-yard, Boston. ^b
Iroquois	1,575	Cruiser	W.	1,202	S.	.....	Transferred to Marine-Hospital Service.
Nipsic	1,375	do	W.	839	S.	4	Puget Sound Naval Station. ^b
St. Louis	830	Sailing ship	W.	.....	Sails	.....	Naval Militia, Pennsylvania.
Dale	675	do	W.	.....	do	.....	Naval Militia, Maryland.
Minnesota	4,700	Cruiser	W.	1,000	S.	9	Naval Militia, Massachusetts.
Marion	1,900	do	W.	1,100	S.	8	Naval Militia, San Diego, Cal.
Thetis	1,250	do	W.	530	S.	.....	Navy-yard, Mare Island, Cal. ^b
Yantic	900	do	W.	310	S.	4	Naval Militia, Michigan.

α Torpedo tubes.

b In ordinary.

UNDER CONSTRUCTION.

Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns (main battery).	Station or condition.
Kearsarge	11,525	1st class battle ship	S.	10,000	T. S.	22	Building at Newport News Ship Building and Dry Dock Co., Newport News, Va.
Kentucky	11,525	do	S.	10,000	T. S.	22	
Illinois	11,525	do	S.	10,000	T. S.	18	
Alabama	11,525	do	S.	10,000	T. S.	18	
Wisconsin	11,525	do	S.	10,000	T. S.	18	Building at Union Iron Works, San Francisco, Cal.
Maine	12,500	do	S.	16,000	T. S.	20	Building at Wm. Cramp & Sons, Philadelphia, Pa.
Missouri	12,500	do	S.	16,000	T. S.	20	Building at Newport News Ship Building and Dry Dock Co., Newport News, Va.
Ohio	12,500	do	S.	16,000	T. S.	20	Building at Union Iron Works, San Francisco, Cal.
Plunger	168	Submarine torpedo boat.	S.	1,200	T. S.	2	Building at Columbian Iron Works and Dry Dock Co., Baltimore, Md., under contract with J. P. Holland Torpedo Boat Co.
Panacook	225	Tug	S.	450	S.	.....	Building at navy-yard, New York.
Pawtucket	225	do	S.	450	S.	.....	Building at navy-yard, Mare Island.
Chesapeake	1,175	Sailing ship	Comp	.....	Sails	6	Building at Bath Iron Works.
Gunboat No. 16 .....	.....	Gunboat	S.	.....	.....	.....	Contract not yet awarded.
Arkansas	2,700	Monitor	S.	2,400	T. S.	6	Building at Newport News Ship Building and Dry Dock Co., Newport News, Va.
Connecticut	2,700	do	S.	2,400	T. S.	6	Building at Bath Iron Works, Bath, Me.
Florida	2,700	do	S.	2,400	T. S.	6	Building by Lewis Nixon, Elizabethport, N. J.
Wyoming	2,700	do	S.	2,400	T. S.	6	Building at Union Iron Works, San Francisco, Cal.
Bainbridge	420	Torpedo-boat destroyer.	S.	8,000	T. S.	a2	Building at Neafe & Levy, Philadelphia, Pa.
Barry	420	do	S.	8,000	T. S.	a2	Do.
Chauncey	420	do	S.	8,000	T. S.	a2	Do.
Dale	420	do	S.	8,000	T. S.	a2	Building at Wm. R. Trigg Co., Richmond, Va.
Decatur	420	do	S.	8,000	T. S.	a2	Do.
Hopkins	408	do	S.	7,200	T. S.	a2	Building at Harlan and Hollingsworth Co., Wilmington, Del.
Hull	408	do	S.	7,200	T. S.	a2	Do.
Lawrence	435	do	S.	8,400	T. S.	a2	Building at Fall River Engine Co., Weymouth, Mass.
Macdonough	435	do	S.	8,400	T. S.	a2	Do.
Paul Jones	420	do	S.	7,000	T. S.	a2	Building at Union Iron Works, San Francisco, Cal.
Perry	420	do	S.	7,000	T. S.	a2	Do.
Preble	420	do	S.	7,000	T. S.	a2	Do.
Stewart	420	do	S.	8,000	T. S.	a2	Building at Gas Engine and Power Co. and Chas. L. Seabury & Co. Consolidated, Morris Heights, N. Y.
Truxtun	433	do	S.	8,300	T. S.	a2	Building at Maryland Steel Works, Sparrow Point, Md.
Whipple	433	do	S.	8,300	T. S.	a2	Do.
Worden	433	do	S.	8,300	T. S.	a2	Do.

NOTE: Torpedo boats under construction are shown under head of "Torpedo Boats," pages 154 and 155.

CRUISERS AND YACHTS.

No.	Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns.	Station.
403	Aileen	192	Yacht	S.	500	S. S.	c5	Loaned to New York North Atlantic Station.
.....	Alvarado	100	Cruiser .....	.....	.....	.....	.....	Do.
.....	Arethusa	1,357	do .....	.....	.....	.....	.....	Do.
413	Badger	4,784	do	S.	3,200	S.	b6 c6	Pacific Station
.....	Barcelo .....	.....	do .....	.....	.....	.....	.....	Asiatic Station.
417	Buffalo	6,888	do	S.	3,600	S.	b6 c8	Do.
.....	Callao .....	.....	do .....	.....	.....	.....	.....	Do.
.....	Culgoa .....	.....	Supply ship .....	.....	.....	T. S.	b4	Do.

a Torpedo tubes.

b Main battery guns.

c Secondary battery guns.

No.	Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns.	Station.
434	Dixie	6, 114	Cruiser	S.	3, 800	S.	a 10	In reserve, League Island.
	Don Juan de Austria		do					Asiatic Station.
435	Dorothea	594	Yacht	S.	1, 558	S. S.	b 10	Navy-yard, Norfolk.
440	Eagle	434	do	S.	850	S. S.	b 6	Special service.
443	Elfrida	c 173	do	S.	200	S. S.	b 2	Loaned to New Jersey.
442	Enquirer	136	do	S.	1, 035	S. S.	b 2	Loaned to N. J. militia.
449	Frolic	607	do	S.	550	S. S.	b 4	Navy-yard, Norfolk.
453	Gloucester	786	do	S.	2, 000	S. S.	b 10	Naval Acad., Annapolis, Md.
463	Hawk	375	do	S.	1, 000	S. S.	b 4	Navy-yard, Norfolk.
469	Hist	472	do	S.	500	S. S.	b 6	North Atlantic Station.
471	Hornet	425	do	S.	800	S. S.	b 9	Loaned to North Carolina.
472	Huntress	82	do	Comp.		S. S.	b 2	Loaned to New Jersey.
477	Inca	do	do	W.	400	S. S.	b 2	Loaned to Massachusetts.
	Isla de Luzon		Cruiser					Asiatic Station.
	Isla de Cuba	c 175	do					Do.
480	Kanawha		Yacht	Comp.		S. S.	b 6	Loaned to Rhode Island.
	Leyte		Cruiser					Asiatic Station.
	Mindanao		do					Do.
	Manila		do				2	Do.
518	Oneida	150	Yacht	S.	350	S. S.	b 6	Navy-yard, Norfolk.
523	Panther	4, 260	Cruiser	I.		S. S.	a 10 b 8	Station-ship, San Juan, P. R.
527	Peoria	488	do	S.		S. S.	b 7	Special service.
537	Prairie	6, 872	do	I.	3, 800	S.	a 10	In reserve, League Island.
539	Rostless	137	Yacht	I.	500	S. S.	b 8	Navy-yard, New York.
	Sandoval	100	do		137	S. S.	2	North Atlantic Station.
546	Scorpion	850	Yacht	S.	2, 800	T. S.	b 8	Do.
	Shearwater		do	S.		S. S.	b 3	Loaned to Pennsylvania.
561	Siren	c 315	do	S.		S. S.	b 4	Navy-yard, Norfolk.
558	Stranger	c 546	Yacht	S.		S. S.	b 5	Loaned to Louisiana.
565	Sylph	152	do	S.	550	S. S.	b 8	Special service.
562	Sylvia	c 302	do	I.		S. S.	b 6	Loaned to Maryland.
576	Viking	218	do	P. R.	420	S. S.	b 4	Navy-yard, Norfolk.
578	Wixen	896	do	S.	1, 250	S. S.	b 8	Special service.
580	Wasp	630	do	S.	1, 800	S. S.	b 6	Loaned to Florida.
592	Yankee	6, 888	Cruiser	S.	3, 800	S. S.	a 10	In reserve, League Island.
593	Yankton	975	Yacht	S.	750	S. S.	b 8	Unassigned.
596	Yosemite	6, 179	Cruiser	S.	3, 800	S. S.	a 10	Asiatic Station.

STEAMERS AND COLLIERIES.

410	Arctic	1, 358	Refrigerator ship				b 3	Philadelphia.
400	A bareda	4, 670	Collier	S.	1, 050	S. S.	b 4	Unassigned.
407	Alexander	6, 181	do	S.	1, 028	S. S.	b 2	Navy-yard, Norfolk.
415	Brutus	do	do	S.	1, 200	S. S.	b 2	Asiatic Station.
418	Cæsar	5, 016	do	S.	1, 500	S. S.	b 4	San Juan, P. R.
420	Cassius	do	do	S.			b 2	Navy-yard, Norfolk.
421	Celtic	6, 428	Supply ship	S.	1, 890	S. S.		Special-service Squadron.
433	Glacier	do	Refrigerator ship	S.			a 3	Special service.
441	East Boston	631	Ferryboat	W.	550		a 2 b 2	Navy-yard, Boston.
454	Governor Russell	631	do	W.	500		a 1	Navy-yard, Norfolk.
459	Hannibal	4, 291	Collier	S.	1, 100	S. S.	b 2	Do.
	Hector		Steamer				b 2	Navy-yard, Boston.
474	Iris	6, 100	Distilling ship	S.	1, 300	S. S.		Special-service Squadron.
479	Justin	3, 300	Collier	S.		S. S.	b 2	Do.
481	Lebanon	c 3, 375	do	I.		S. S.	b 4	Navy-yard, League Island.
482	Leonidas	4, 292	do	S.	1, 000	S. S.	b 2	Do.
492	Marcellus		Steamer	I.	1, 200		b 2	North Atlantic Station.
505	Nanshan	c 4, 827	Collier	S.				Asiatic Station.
509	Nero	4, 925	do	S.	1, 000	S. S.	b 4	Unassigned.
512	Niagara	c 5, 221	do	I.		S. S.	b 2	Navy-yard, New York.
532	Pompey	c 3, 085	Collier	S.		S. S.	b 2	Navy-yard, League Island.
	Rainbow	6, 206	Distilling ship	S.	1, 800	S. S.		Navy-yard, New York.
540	Resolute.	4, 175	Transport	S.		S. S.	b 2	North Atlantic Station.
545	Saturn	c 6, 220	Collier	S.	1, 500	S. S.	b 2	Navy-yard, Norfolk.
547	Scindia	c 7, 500	do	S.	3, 000	S. S.	b 2	Special-Service Squadron.
555	Scipio	6, 884	do	S.	2, 422	S. S.		Navy-yard, New York.
550	Solace	a 4, 700	Steamer	S.	3, 200	S. S.		Special service.
551	Sothery	c 3, 100	Collier	S.		S. S.	b 2	Navy-yard, Norfolk.
554	Sterling	5, 663	do	I.	925	S. S.	b 2	Unassigned.
559	Supply	4, 460	Supply ship	I.	1, 069	S. S.	a 2	Special service.
579	Vulcan	c 3, 530	Steamer	I.		S. S.	b 2	Navy-yard, League Island.
599	Zafiro		Supply ship	S.		S. S.		Asiatic Station.

a Main battery guns.

b Secondary battery guns.

c Estimated.

d Torpedo tubes.

TUGS.

No.	Name.	Dis- place- ment (tons).	Type.	Hull.	I. H. P.	Propul- sion.	Guns.	Station.
402	Accomac	187	Tug	I.	250	S. S.	a 2	Havana Station, Cuba.
401	Active	296	do	S.	600	S. S.	a 5	Puget Sound Naval Station.
406	Alice	356	do	W.	250	S. S.	b 2 a 4	Navy-yard, Norfolk.
408	Apache	650	do	W.	550	S. S.	a 3	Do.
422	Cheyenne	do	do	W.	do	do	do	Port Royal, S. C.
423	Chickasaw	do	do	I.	do	S. S.	b 1	Do.
424	Choctaw	do	do	I.	188	S. S.	a 3	Navy-yard, Pensacola.
467	Hercules	c 198	do	I.	do	S. S.	a 3	Key West, Fla.
475	Iroquois	702	do	S.	1,000	S. S.	a 3	Mare Island.
488	Massasoit	202	do	S.	do	S. S.	a 1	Key West.
499	Modoc	241	do	I.	do	S. S.	do	League Island, Pa.
500	Mohawk	420	do	S.	400	S. S.	do	Navy-yard, Norfolk.
510	Nezinscot	156	do	S.	400	S. S.	a 2	Key West.
520	Osceola	571	do	S.	do	S. S.	a 2	Navy-yard, Boston.
526	Pawnee	275	do	W.	250	S. S.	do	New York.
530	Piscataqua	c 631	do	S.	do	S. S.	a 4	Portsmouth, N. H.
534	Pontiac	c 401	do	do	do	S. S.	a 3	Boston.
535	Potomac	677	do	S.	2,000	S. S.	a 4	Portsmouth, N. H.
536	Powhatan	c 194	do	S.	397	S. S.	a 2	Navy-yard, Pensacola.
548	Seminole	do	do	I.	do	S. S.	a 3	Navy-yard, Boston.
549	Sioux	155	do	do	290	S. S.	a 2	Navy-yard, Norfolk.
563	Tacoma	do	do	S.	do	S. S.	a 1	Navy-yard, Pensacola.
564	Tecumseh	214	do	S.	500	S. S.	a 2	Navy-yard, Washington.
573	Uncas	441	do	S.	750	S. S.	a 2	League Island, Pa.
577	Vigilant	300	do	do	450	S. S.	a 5	Mare Island.
582	Waban	do	do	I.	do	do	b 1	Port Royal, S. C.
586	Wompatuck	482	do	I.	650	S. S.	a 2	Navy-yard, New York.

a Secondary battery guns.

b Main battery guns.

c Estimated.

NAVY PAY TABLE.

Rank.	At sea.	On shore duty.	On leave or waiting orders.
REAR-ADMIRALS	\$6,000	\$5,000	\$4,000
COMMODORES	5,000	4,000	3,000
CAPTAINS	4,500	3,500	2,800
COMMANDERS	3,500	3,000	2,300
LIEUTENANT-COMMANDERS—			
First four years after date of commission	2,800	2,400	2,000
After four years from date of commission	3,000	2,600	2,200
LIEUTENANTS—			
First five years after date of commission	2,400	2,000	1,600
After five years from date of commission	2,600	2,200	1,800
LIEUTENANTS (Junior Grade)—			
First five years after date of commission	1,800	1,500	1,200
After five years from date of commission	2,000	1,700	1,400
ENSIGNS—			
First five years after date of commission	1,200	1,000	800
After five years from date of commission	1,400	1,200	1,000
NAVAL CADETS*	500	500	500
MATES	1900	1700	1500
MEDICAL AND PAY DIRECTORS AND MEDICAL AND PAY INSPECTORS AND CHIEF ENGINEERS, HAVING THE SAME RANK, AT SEA	4,400		
FLEET SURGEONS, FLEET PAYMASTERS, AND FLEET ENGINEERS	4,400		
SURGEONS, PAYMASTERS, AND CHIEF ENGINEERS—			
First five years after date of commission	2,800	2,400	2,000
Second five years after date of commission	3,200	2,800	2,400
Third five years after date of commission	3,500	3,200	2,600
Fourth five years after date of commission	3,700	3,600	2,800
After twenty years from date of commission	4,200	4,000	3,000
PASSED ASSISTANT SURGEONS AND PASSED ASSISTANT PAYMASTERS—			
First five years after date of appointment	2,000	1,800	1,500
After five years from date of appointment	2,200	2,000	1,700
PASSED ASSISTANT ENGINEERS—			
First five years after date of appointment	2,000	1,800	1,500
Second five years after date of appointment	2,200	2,000	1,700
Third five years after date of appointment	2,450	2,250	1,900
Fourth five years after date of appointment	2,700	2,350	1,950
ASSISTANT SURGEONS, ASSISTANT PAYMASTERS, AND ASSISTANT ENGINEERS—			
First five years after date of appointment	1,700	1,400	1,000
After five years from date of appointment	1,900	1,600	1,200
NAVAL CONSTRUCTORS—			
First five years after date of appointment		3,200	2,200
Second five years after date of appointment		3,400	2,400
Third five years after date of appointment		3,700	2,700
Fourth five years after date of appointment		4,000	3,000
After twenty years from date of appointment		4,200	3,200
ASSISTANT NAVAL CONSTRUCTORS—			
First four years after date of appointment		2,000	1,500
Second four years after date of appointment		2,200	1,700
After eight years from date of appointment		2,600	1,900
CHAPLAINS—			
First five years after date of commission	2,500	2,000	1,600
After five years from date of commission	2,800	2,300	1,900
PROFESSORS OF MATHEMATICS AND CIVIL ENGINEERS—			
First five years after date of appointment	2,400	2,400	1,500
Second five years after date of appointment	2,700	2,700	1,800
Third five years after date of appointment	3,000	3,000	2,100
After fifteen years from date of appointment	3,500	3,500	2,600
BOATSWAINS, GUNNERS, CARPENTERS, SAILMAKERS, AND PHARMACISTS—			
First three years after date of appointment	1,200	900	700
Second three years after date of appointment	1,300	1,000	800
Third three years after date of appointment	1,400	1,300	900
Fourth three years after date of appointment	1,600	1,300	1,000
After twelve years from date of appointment	1,800	1,600	1,200

* Naval Cadets at sea, in other than practice ships, \$950 per annum.

†Mates who were in the service August 1, 1894, are entitled to receive annual pay at the rates following: At sea, \$1,200; on shore duty, \$900; on leave or waiting orders, \$700. (Act August 1, 1894.)

Rank.	Pay per annum.
SECRETARY—	
To Naval Academy.....	\$1,800
CLERKS—	
First clerk to Commandants of navy-yards	1,500
Second clerk to Commandants of navy-yards	1,200
To Commandant at navy-yard, Mare Island	1,800
To Commandants of naval stations	1,500
CLERKS TO PAYMASTERS—	
At navy-yard, Mare Island.....	1,800
At navy-yards, Boston, New York, League Island, and Washington	1,600
At navy-yards, Portsmouth, Norfolk, and Pensacola	1,400
At other stations.....	1,300
At receiving-ships, Boston, New York, and League Island.....	1,600
At receiving-ship, Mare Island.....	1,800
At other receiving-ships, on vessels of the first rate, at the Naval Academy, and at the Naval Home.....	1,300
On vessels of the second rate and to fleet paymasters.....	1,100
On vessels of the third rate and supply vessels and storeships.....	1,000
To Inspectors in charge of provisions and clothing at navy-yards, Boston, New York, League Island, and Washington.....	1,600
At other inspections.....	1,300

NOTE.—From and after July 1, 1870, the spirit ration is totally abolished, and in lieu thereof the Navy ration, under the appropriation of provisions for the Navy, is 30 cents per day.

Provided, That no officer on the retired list of the Navy shall be employed on active duty except in time of war: *And provided,* That those officers on the retired list, and those hereafter retired, who were, or who may be, retired after forty years' service, or on attaining the age of sixty-two years, in conformity with section one of the act of December, eighteen hundred and sixty-one, and its amendments dated June twenty-fifth, eighteen hundred and sixty-four, or those who were or may be retired from incapacity resulting from long and faithful service, from wounds or injuries received in the line of duty, from sickness or exposure therein, shall, after the passage of this act, be entitled to seventy-five per centum of the present sea pay of the grade or rank which they held at the time of their retirement. The rear-admirals provided for in the act of June fifth, eighteen hundred and seventy-two, shall be considered as having been retired as rear-admirals. [Act 3d March, 1873.]

PETTY OFFICERS, ENLISTED MEN, ETC.

CLASSIFICATION AND PAY.

Chief petty officers.

Seaman branch.	Monthly pay.	Artificer branch.	Monthly pay.	Special branch.	Monthly pay.
Chief Masters-at-Arms	\$65	Chief Machinists.....	\$70	Chief Yeomen	\$60
Chief Boatswains' Mates	50	Chief Carpenters' Mates	50	Hospital Stewards.....	60
Chief Gunners' Mates.....	50	Chief Electricians	50	Bandmasters	52
Chief Gun Captains.....	50				
Chief Quartermasters.....	50				

Petty officers, first class.

Masters-at-Arms, first class	\$40	Machinists, first class.....	\$55	First Musicians	\$36
Boatswains' Mates, first class..	40	Boilermakers	60	Yeomen, first class	40
Gunners' Mates, first class	40	Coppersmiths	50		
Gun Captains, first class	40	Blacksmiths.....	50		
Quartermasters, first class	40	Plumbers and Fitters.....	45		
		Sailmakers' Mates.....	40		
		Carpenters' Mates, first class..	40		
		Water Tenders.....	40		
		Electricians, first class.....	40		

Petty officers, second class.

Masters-at-Arms, second class ..	\$35	Machinists, second class	\$40	Yeomen, second class.....	\$35
Boatswains' Mates, second class ..	35	Oilers	37		
Gunners' Mates, second class..	35	Carpenters' Mates, second class..	35		
Gun Captains, second class	35	Printers	35		
Quartermasters, second class....	35	Electricians, second class	35		

PETTY OFFICERS, ENLISTED MEN, ETC.—Continued.

CLASSIFICATION AND PAY—Continued.

Petty officers, third class.

Seaman branch.	Monthly pay.	Artificer branch.	Monthly pay.	Special branch.	Monthly pay.
Masters-at-Arms, 3d class.....	\$30	Carpenters' Mates, 3d class....	\$30	Yeomen, 3d class.....	\$30
Cookswains (1).....	30	Painters.....	30	Hospital Apprentices, 1st class.	30
Gunners' Mates, 3d class.....	30				
Quartermasters, 3d class.....	30				

Seamen, first class.

Seamen Gunners.....	\$26	Firemen, 1st class.....	\$35	Musicians, 1st class.....	\$32
Seamen.....	24				
Apprentices, 1st class.....	21				

Seamen, second class.

Ordinary Seamen.....	\$19	Firemen, 2d class.....	\$30	Musicians, 2d class.....	\$30
Apprentices, 2d class.....	15	Shipwrights.....	25	Buglers.....	30
		Sailmakers.....	25	Hospital Apprentices.....	20

Seamen, third class.

Landsmen.....	\$16	Coal Passers.....	\$22		
Apprentices, 3d class.....	9				

MESSEMS BRANCH.

Stewards to Commanders-in-Chief.....	\$45	Steerage Cooks.....	\$22
Cooks to Commanders-in-Chief.....	40	Warrant Officers' Stewards.....	24
Stewards to Commandants.....	45	Warrant Officers' Cooks.....	20
Cooks to Commandants.....	40	Ship's Cooks, 1st class.....	35
Cabin Stewards.....	37	Ship's Cooks, 2d class.....	30
Cabin Cooks.....	32	Ship's Cooks, 3d class.....	25
Wardroom Stewards.....	37	Ship's Cooks, 4th class.....	20
Wardroom Cooks.....	32	Mess Attendants.....	16
Steerage Stewards.....	25		

(1) Cookswains detailed as Cookswains of boats propelled by machinery, or as Cookswains to Commanders-in-Chief, shall receive \$5 per month in addition to their pay.

(2) Seamen in charge of holds shall receive \$5 per month in addition to their pay.

(3) Landsmen assigned to duty as Jacks-of-the-Dust, or as Lamplighters, shall receive \$5 per month in addition to their pay.

(4) Any person who, after having enlisted in the Navy for a term of three years and received an honorable discharge or a recommendation for reenlistment, upon the expiration of his term of service, reenlists for three years within three months from the date of his discharge, shall receive an increase of \$1 per month to the pay prescribed for the rating in which he serves for each consecutive reenlistment.

Twenty cents per month is deducted from the pay due each Officer, Seaman, and Marine in the Navy, to be applied to the fund for Naval Hospitals.

MARINE CORPS PAY TABLE.

Rank.	Pay per annum.
COLONEL COMMANDANT	\$3,500
COLONEL	3,500
LIEUTENANT-COLONEL	3,000
MAJOR (Staff and Line)	2,500
CAPTAIN AND ASSISTANT QUARTERMASTER	2,000
CAPTAIN	1,800
FIRST LIEUTENANT	1,500
SECOND LIEUTENANT	1,400

NOTE.—All officers below the rank of Brigadier-General are entitled to 10 per cent, in addition to their current yearly pay as given above, for each and every period of five years' service, provided the total amount of such increase shall not exceed 40 per cent of their current yearly pay; and provided further, that the pay of a Colonel shall not exceed \$4,500 per annum, and that of a Lieutenant-Colonel \$4,000 per annum. Officers on the retired list are entitled to 75 per cent of pay (salary and increase) of their rank.

NONCOMMISSIONED OFFICERS, MUSICIANS, AND PRIVATES.

Grade.	First enlistment or first 5 years.					First reenlistment or second 5 years.	Second reenlistment or third 5 years.	Third reenlistment or fourth 5 years.	Fourth reenlistment or fifth 5 years.	Class 3.
	First year.	Second year.	Third year.	Fourth year.	Fifth year.					
Sergeant-major	\$23	\$23	\$24	\$25	\$26	\$28	\$29	\$30	\$31	\$26
Quartermaster-sergeant ..	23	23	24	25	26	28	29	30	31	26
Drum major	25	25	26	27	28	30	31	32	33	28
First sergeant	25	25	26	27	28	30	31	32	33	23
Sergeant	18	18	19	20	21	23	24	25	26	21
Corporal	15	15	16	17	18	20	21	22	23	18
Drummer and fifer	13	13	14	15	16	18	19	20	21	16
Private	13	13	14	15	16	18	19	20	21	16
Leader of the band	90	90	90	90	90	90	90	90	90	90
Musician, first-class	34	34	35	36	37	39	40	41	42	37
Musician, second-class	20	20	21	22	23	25	26	27	28	23
Musician, third-class	17	17	18	19	20	22	23	24	25	20

NOTE.—"Class 3 is the term used to designate pay of men who have ever received reenlisted pay under the act of August 4, 1854, but have allowed a longer period than three months to elapse before again enlisting. The amount is the same as that received by a man serving in the fifth year of a first enlistment."

Twenty (20) cents per month will continue to be deducted from the above rates, as usual, for the Navy Hospital Fund.

Members of the Marine Band are allowed \$4 per month in addition to rates of pay as given above for playing at the White House and Public Grounds, under the provisions of the act of Congress of August 18, 1856.

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