

Classification no. **N13. NAVAL INTELLIGENCE OFFICE—Continued**

**N13.6: Information from abroad (unnumbered)**

- B77 British navy. Information from abroad [British navy: Distribution and mobilization, reorganization scheme, plans of Admiralty, memorandum by Lord Selborne; New scheme for reorganization of British navy, notes and elucidations, by L. Cope Cornford]. n. p. [1905].
- Sa5 Santiago, Cuba. Battles and capitulation of Santiago de Cuba, by José Müller y Tejeiro; translated from Spanish. 1898. [Partial translation. See, for completed translation, N13.7:1.]
- Sp2 Spanish navy. Views of Admiral Cervera regarding Spanish navy in late war. Nov. 1898. [From "La Epoca," Madrid, Nov. 5, 1898. See, for documents published by Admiral Cervera, N13.7:7.]

**N13.7: War notes, Information from abroad**

(nos.)

- 1  
2  
3  
4  
5  
6  
7  
8  
1-8 [In 1 v., with title, Notes on Spanish-American War.] [3876-388]  
[No more issued.]

**N13.8: War series, Information from abroad**

(nos.)

- [1] Operations of French navy during recent war with Tunis; translated from *L'Année maritime*, 1880-81, by M. Fisher Wright. 1883. \*  
Same. 1883[reprint]1885. [2316-31]
- 2 1883. \*  
Same. 1883[reprint]1885. [2316-30]
- 3 [pt. 1, text]. 1883.  
Same [pt. 2, plates]. [1883.]  
Same [text and plates in 1v.]. 1883[reprint]1885. [2316-29]
- 4 1893 [Not in Congressional set.]  
[No more issued.]

**N14. NAVAL OBSERVATORY†**

[In 1830, there was established in Washington a bureau known as the Depot of Charts and Instruments, for the care of the instruments, charts, etc., of the Navy. One of the duties of the officers connected with this depot was the careful rating by means of astronomical observations of all chronometers belonging to the Navy, and from 1838, regular series of observations were recorded. The first appropriation was made Aug. 31, 1842 (Stat. L. v. 5, p. 576). From 1844 to 1854 the names National Observatory and United States Naval Observatory were used interchangeably. In Dec. 1854, the Secretary of the Navy directed that the institution be styled United States Naval Observatory and Hydrographical Office, and it was known as such until the establishment in 1866 of the Hydrographic Office (N6.), after which the hydrographic and astronomical branches of the work were definitely separated. Since 1866, the official name has been United States Naval Observatory.]

When the Bureau of Ordnance and Hydrography, now Ordnance Bureau (N18.), was organized under act of Aug. 31, 1842, the Secretary of the Navy, by an order dated Nov. 26, 1842, directed that the Depot of Charts and Instruments be attached to that Bureau as its hydrographic branch. Under another act of reorganization passed July 5, 1862, the Depot and Observatory, by that time known as United States Naval Observatory and Hydrographical Office, was detached from the Bureau of Ordnance and transferred to the newly organized Bureau of Navigation (N17.). The Hydrographic Office was separated from the Observatory, as noted above, in 1866, and the latter, now known as Naval Observatory, was transferred to the Bureau of Equipment, July 1, 1889. ‡]

† A "List of publications issued by Naval Observatory, 1845-1908," appeared in 1911 as appendix 3 to v. 6 of Publications of Naval Observatory, 2d series, and was issued separately also. Volume 6 and its appendix are classed in the Public Documents Library under N14.6:6 and N14.6a:P96, respectively, but are omitted from this Checklist because it ends with the publications of the calendar year 1909.

‡ Transferred to Bureau of Navigation, July 1, 1910, by Changes in Navy regulations, 1909, no. 11, issued by Secretary of Navy, June 27, 1910, in pursuance of naval appropriation act approved June 24, 1910 (Stat. L. v. 36, pt. 1, p. 613), which abolished the Bureau of Equipment; see also footnote on p. 703.

Classification  
no.

## N14. NAVAL OBSERVATORY—Continued

- N14.1<sup>1</sup>:** Annual reports of superintendent  
(date) [1847-1905 (except 1848-50, 1854, 1862, none issued, and 1902), in annual reports of Navy Department (N1.1:). 1902 report appears in annual report of Equipment Bureau, 1902 (N5.1:902). 1846, 1869-92, also in Washington observations, 1845, 1869-92 (N14.5:). Also issued separately for 1878, 1884-94, 1897-1905. No separates for 1895 and 1896.  
1906-09, the separately printed report is entitled Synopsis of report of superintendent. Extracts of this synopsis are included in annual reports of Navy Department (N1.1:), as part of the report of the Equipment Bureau.]
- N14.1<sup>1a</sup>:** Annual reports of superintendent (separates)  
(CT)
- N14.1<sup>2</sup>:** Annual reports of board of visitors  
(date) [Only two reports were made, the first in 1899 by a temporary board appointed by the Secretary of the Navy, the second in 1901 by a permanent board created by act approved Mar. 3, 1901. The work of the permanent board ceased June 30, 1902, for lack of appropriation thereafter.]  
1899 [3846-19]  
1901, in annual reports of Navy Department, 1901, pt. 1 (N1.1:901<sup>1</sup>), and issued separately also.  
[Discontinued.]
- N14.2:** General publications
- Ab8<sup>1</sup> Abstract log for use of American navigators; by M. F. Maury. [1st edition.] Washington, C. Alexander, printer, 1848. 10+[24] p. 4° \* [Contains explanations concerning Wind and current charts (N14.10<sup>1-7</sup>:).]
- Ab8<sup>2</sup> Same. 2d edition. Washington, C. Alexander, printer, 1848. 21 p. 4° \*
- Ab8<sup>3</sup> Same. 2d edition. Washington, C. Alexander, printer, [reprint] 1849. 21 p. 4° \*
- [The Abstract logs entered under N14.2:Ab8<sup>1-3</sup> were the forerunners of both the Notices to mariners (N14.2:N84<sup>1,2</sup>) and the Explanations and sailing directions to accompany Wind and current charts (N14.9:); see also note under N14.2:N84<sup>2</sup>.]
- Ab8<sup>4</sup> Abstract log. Wind and current charts, abstract log for merchant service [blank form; by M. F. Maury]. [Philadelphia, E. C. & J. Biddle, 1854.] [100]+xi p. [2] l. 1 pl. large 4° \*
- Ab8<sup>5</sup> Same for men-of-war [blank form; by M. F. Maury]. [Philadelphia, E. C. & J. Biddle, 1855.] [i]+[200]+viii p. [2] l. 1 pl. large 4° \*
- At6 Atlantic Ocean. Maury's Wind and current charts, gales in the Atlantic. Observatory, Washington, May, 1857. 4°  
See also, for Wind and current charts, N14.10<sup>1-7</sup>:, and for Explanations and sailing directions, N14.9:
- Ec6<sup>1</sup> Eclipse. Instructions for observing total solar eclipse of July 29, 1878. 1878. 4°
- Ec6<sup>2</sup> Same, of Aug. 29, 30, 1905. Apr. 12, 1905. 4°
- In7 Instruments and publications of Naval Observatory. Washington [no publisher] 1845-76. 4°
- In8 Interoceanic canals. Report on interoceanic canals and railroads between Atlantic and Pacific oceans; by Charles H. Davis. 1867. 37 p. 14 pl.  
[This report appeared originally as 39th Congress, 1st session, Senate executive document 62, serial no. 1238. Extra copies were ordered printed by Senate resolutions of July 26, 1866, Feb. 9, Feb. 28, and Mar. 11, 1867, there being slight differences in some of these prints. The one listed above, which is the only one in the Public Documents Library, contains on p. 23-28 addenda not in the original Congressional edition.]
- M35<sup>1</sup> Mars. Proposed observations at opposition of Mars in 1892. [Apr. 29, 1892.] 12°
- M35<sup>2</sup> Mars. Observations and orbits of satellites of Mars, with data for ephemerides in 1879; by Asaph Hall. 1878. 4°
- M53<sup>1</sup> Mercury. Instructions for observing transit of Mercury, 1878, May 5, 6. 1878. 4°
- M53<sup>2</sup> Same, Nov. 10, 1894. [1894.] 4°
- ✓M56 Meteors. November meteors of 1868. Naval Observatory, Washington [1868?].

Classification no. **N14. NAVAL OBSERVATORY—Continued**

**N14.2: General publications—Continued**

- N84<sup>1</sup> Notice to mariners; by M. F. Maury. [1st edition.] Washington, C. Alexander, printer, 1850. 18 p. 4° \*
- N84<sup>2</sup> Same. 2d edition. Washington, C. Alexander, printer, 1850. 51 p. 4°  
 [Although not certain, it is highly probable that the two editions of the Notice to mariners, entered immediately above, were considered by Maury to be the 1st and 2d editions of his Explanations and sailing directions to accompany Wind and current charts (N14.9). His first publication of this nature was the Abstract log for use of American navigators, the 1st and 2d editions of which (N14.2: Ab81,2) were issued in 1848. Following the distribution of these, he began to receive data from merchantmen which caused him to immediately begin his work anew, on the same plan that was continued down to the end of his connection with the Observatory in 1861.  
 The first of the sailing directions which he issued after the reorganization of his work was the first edition of the Notice to mariners (N14.2:N84<sup>1</sup>), the manuscript of which was submitted to the Navy Department in Dec. 1849, and published Jan. 1850. The 2d edition appeared in the summer of 1850, with the cover-title, "Maury's sailing directions."  
 In 1851 came the [3d edition] of the Explanations and sailing directions to accompany Wind and current charts (N14.9); this includes on p. 215-315 all of the matter found in the 2d edition of the Notice to mariners (N14.2:N84<sup>2</sup>) with additions and some changes. The 4th-8th editions of the Explanations and sailing directions followed at short intervals; see N14.9.]
- R25<sup>1</sup> Refraction tables. Naval Observatory, 1887. 4°
- R25<sup>2</sup> Refractions. Auxiliary table for computing refractions. n. p. n. d. 4°
- R26<sup>1</sup> Regulations for government of Naval Observatory. n. p. [Sept. 20, 1894].
- R26<sup>2</sup> Regulations of Naval Observatory. n. p. Apr. 21, 1894.
- Se1 Seal. Explanation of seal of Naval Observatory. n. p. n. d. 4°  
 [Also in Washington observations, 1865 (N14.5:865).]
- T48 Time signals. Notice of special series of midnight telegraphic time signals to be sent out by Naval Observatory on May 3, 1905. Mar. 31, 1905. 4°
- W52 West India cyclone. Discussion of West India cyclone of Oct. 29 and 30, 1867; by J. R. Eastman. 1868.
- Z7 Zones of stars observed at National Observatory, Washington, v. 1, pt. 1: Zones observed with meridian circle in 1846. Washington, G. W. Bowman, 1860. 4° [No more published.]

**N14.3: Bulletins**

(nos.) [None issued.]

**N14.4: Circulars**

(nos.) [None issued.]

**N14.5: Washington observations (Publications of Naval Observatory, 1st series) 4°**

(date)

[This set known as Washington observations, appearing with varying titles as indicated below, is the 1st series of Publications of Naval Observatory, ending with 1892.

The volume of Astronomical observations, 1838-42, was compiled at the Depot of Charts and Instruments by Lieutenant J. M. Gilliss, before the Naval Observatory as such had been established.

In assigning volume numbers to the set of Washington observations, the issue for 1838-42 seems to have been disregarded, v. 1 to v. 5 appearing on the title-pages, but not on the back-titles, for the 5 volumes covering the years from 1845 to the combined issue for 1849 and 1850, respectively. Volume numbers were omitted thereafter until 1875. From 1875 to 1882 the volumes are numbered on the backs only, as v. 22-29, respectively. No others of the first set carry volume numbers. When the practice of numbering was resumed in 1875, one number was skipped. This gap is explained by assuming that a volume number was assigned to the observations for the years 1853-60, which appeared as appendix 2 to the annual volume for 1871.

1845-80, not in Congressional set.]

**Astronomical observations**

1838-42 8° [459-172] [Compiled by Depot of Charts and Instruments. See, for the companion volume, Magnetical and meteorological observations, 1838-42, [460-172].]

1845

1846

1847

1848

Classification  
no.

## N14. NAVAL OBSERVATORY—Continued

- N14.5:** Washington observations (Publications of Naval Observatory, 1st series)—Continued  
(date)
- Astronomical observations—Continued  
1849 and 1850  
1851 and 1852  
1853-60 See 1871, appendix 2.
- Astronomical and meteorological observations
- |      |             |                |
|------|-------------|----------------|
| 1861 | 1870        | 1878           |
| 1862 | 1871        | 1879           |
| 1863 | 1872        | 1880           |
| 1864 | 1873        | 1881 [2271-71] |
| 1865 | 1874        | 1882 [2272-72] |
| 1866 | 1875        |                |
| 1867 | 1876, pt. 1 |                |
| 1868 | Same, pt. 2 |                |
| 1869 | 1877        |                |
- Observations
- |      |            |
|------|------------|
| 1883 | [2348-152] |
| 1884 | [2672-148] |
| 1885 | [2797-257] |
| 1886 | [2882-132] |
| 1887 | [2960-11]  |
| 1888 | [2996-256] |
| 1889 | [3133-115] |
- Astronomical, magnetic, and meteorological observations
- |               |                 |
|---------------|-----------------|
| 1890          | [3424-219]      |
| 1891 and 1892 | [4018-738, 739] |
- N14.5<sup>a1</sup>:** Washington observations (separates; Meteorological observations)  
(date)
- [See, for Magnetical and meteorological observations, 1838-42, [460-172].  
Meteorological observations, 1842-Jan. 1, 1867, were published as appendix 1 of Washington observations, 1866 (N14.5:866), which was also issued separately. From 1861 to 1892, the observations for each year appeared in the corresponding volumes of Washington observations (except 1883-87, all in Washington observations, 1887, as appendix 3). The Meteorological observations were also printed separately for 1872-83 (each year separately), 1883-87 (in one publication), 1888-90 (each year separately), 1891 and 1892 (in one publication).  
See, for Meteorological observations and results, 1893-1902, Publications of Naval Observatory, 2d series, v. 5 (N14.6:5).  
No more published.]
- N14.5<sup>a2</sup>:** Washington observations (separates; Magnetic observations)  
(date)
- [See, for Magnetical and meteorological observations, 1838-42, [460-172].  
Magnetic observations for 1888-89 (in one report), and for each year 1890-92 were published in various volumes of Washington observations (N14.5:) as appendixes thereto, and were also issued separately. There were no magnetic observations made during 1893 owing to the removal of the instruments from the old to the new observatory site.  
The Magnetic observations for 1894 were published separately as "Washington observations, 1894, appendix 1." There is no volume of "Washington observations, 1894," as the plan of publication was changed (see note at head of N14.6:), and the Magnetic observations for 1894 do not appear in any collected volume.  
Discontinued.]
- N14.5<sup>a3</sup>:** Washington observations (separates; miscellaneous)  
(CT)
- N14.6:** Publications of Naval Observatory, 2d series 4<sup>o</sup>  
(v. nos.)
- [With the beginning of the 2d series, this set is no longer known as Washington observations. The former custom of issuing the volumes annually was changed, the 2d series being volumed and appearing at irregular intervals depending upon the kind and amount of material available.  
The new series began after the removal from the old site and the remounting of the instruments at the new observatory.]
- |                |            |
|----------------|------------|
| v. 1           | [4158-242] |
| v. 2           | [4363-430] |
| v. 3           | [4528-355] |
| v. 4, pts. 1-3 | [5041-842] |
| Same, pt. 4    | [5042-842] |
| v. 5           | [5043-843] |

Classification no. **N14. NAVAL OBSERVATORY—Continued**

- N14.6<sup>a</sup>:** Publications of Naval Observatory, 2d series (separates)  
(CT)
- N14.7:** Library catalogues
- 868 Catalogue of library, Naval Observatory. 1868. 4°
- 879 Catalogue of library of Naval Observatory, Washington, pt. 1: Astronomical bibliography; by Edward S. Holden. 1879. 4° [No other parts ever published.]
- N14.8:** Maps and charts  
(CT)
- [Some of the first charts for the use of navigators published by the United States Government were issued by the Depot of Charts and Instruments in 1835. Many others, both lithographed and engraved, were issued between that date and 1866, when the Naval Observatory and the Hydrographic Office were separated, the publication of such charts after that time being carried on by the Hydrographic Office (N6.).]
- See*, for catalogues of charts issued by Naval Observatory and Hydrographical Office, N14.12:
- See*, for Wind and current charts, N14.10<sup>1-7</sup>:
- See*, for later charts issued by Hydrographic Office, N6.18:
- N14.9:** Explanations and sailing directions to accompany Wind and current charts (Maury)  
(ed. nos.)
- [The identity of the 1st and 2d editions is uncertain, but it is probable that Maury considered the two editions of his Notice to mariners (N14.2: N84<sup>1,2</sup>) to be the 1st and 2d editions of his Explanations and sailing directions; *see*, for further information, entries and note under N14.2: N84<sup>1,2</sup>.]
- [3d edition.] Washington, C. Alexander, printer, 1851. 4°
- 4th edition. Washington, C. Alexander, printer, 1852. 4°
- 5th edition. Washington, C. Alexander, printer, 1853. 4°
- 6th edition. Philadelphia, E. C. and J. Biddle, 1854. 4°
- 7th edition. Philadelphia, E. C. and J. Biddle, 1855. 4°
- 8th edition, v. 1. Washington, William A. Harris, printer, 1858. 4°
- Same, v. 2. Washington, Cornelius Wendell, printer, 1859. 4°
- N14.10:** Wind and current charts
- [None of the Wind and current charts are in the Public Documents Library, and information concerning that part of the set which has not been examined has been obtained from v. 2 of 8th edition of Explanations and sailing directions to accompany Wind and current charts, p. 873 (N14.9:8<sup>2</sup>); from Catalogue of charts and books published by Hydrographic Office, 1871, p. 80 (N6.5:871); and from List of publications issued by Naval Observatory, 1845-1908, which appeared in 1911 as reprint of Publications of Naval Observatory, 2d series, v. 6, app. 3.
- Of the 129 marginal numbers assigned to Wind and current charts, as indicated in the lists below (N14.10<sup>1-7</sup>), nos. 26-30, 39-42, 44, 45, 49, 76, and 77 were not issued. Numbers 83-115, 121-124, 126-128 are still unaccounted for, the probabilities being that the missing numbers were originally assigned as follows: 83-115, to 11 Thermal sheets for the north Pacific Ocean, 11 Thermal sheets for the Indian Ocean, and 11 Thermal sheets for the south Pacific Ocean; 121-124, to 4 sheets for a Physical map of the ocean; 126 and 127, to the Trade wind charts for the Atlantic and Pacific oceans, of which the former actually appeared though without marginal number; and 128, to the Storm and rain chart for the south Pacific Ocean. There is printed information to the effect that work on the Thermal sheets for the north Pacific and the Indian oceans, the Physical map of the ocean, and the Storm and rain chart for the south Pacific Ocean had been actually begun; but no information is at hand about the Thermal sheets for the south Pacific Ocean and the Trade wind chart for the Pacific Ocean, the marginal numbers for these being only conjectured.]
- See*, for Explanations and sailing directions to accompany Wind and current charts, N14.9:
- See*, for Maury's Wind and current charts, gales in the Atlantic, N14.2:At6.
- N14.10<sup>1</sup>:** Wind and current charts, series A, [Track charts]  
(Maury) 35.3 × 24.1 in.
- AN<sup>1</sup> Atlantic Ocean, North, sheet 1 3 editions (Marginal no. 1.) \*
- AN<sup>2</sup> Same, sheet 2 3 editions (Marginal no. 2.) \*

Classification  
no.

## N14. NAVAL OBSERVATORY—Continued

- N14.10<sup>1</sup>: Wind and current charts, series A, [Track charts]  
(Maury)—Continued**
- AN<sup>3</sup> Same, sheet 3 3 editions (Marginal no. 3.) \*
- AN<sup>4</sup> Same, sheet 4 3 editions (Marginal no. 4.) \*
- AN<sup>5</sup> Same, sheet 5 3 editions (Marginal no. 5.) \*
- AN<sup>6</sup> Same, sheet 6 3 editions (Marginal no. 6.) \*
- AN<sup>7</sup> Same, sheet 7 3 editions (Marginal no. 7.) \*
- AN<sup>8</sup> Same, sheet 8 3 editions (Marginal no. 8.) \*
- AS<sup>1</sup> Atlantic Ocean, South, sheet 1 2 editions (Marginal no. 22.) \*
- AS<sup>2</sup> Same, sheet 2 2 editions (Marginal no. 23.) \*
- AS<sup>3</sup> Same, sheet 3 2 editions (Marginal no. 24.) \*
- AS<sup>4</sup> Same, sheet 4 (Marginal no. 25.) \*
- Same, sheet 5 (Marginal no. 26.) } [Not issued.]
- Same, sheet 6 (Marginal no. 27.) }
- Indian Ocean, sheet 1 (Marginal no. 28.) [Not issued.]
- Same, sheet 2 (Marginal no. 29.) } [Not issued.]
- Same, sheet 3 (Marginal no. 30.) }
- I<sup>4</sup> Same, sheet 4 (Marginal no. 31.) \*
- I<sup>5</sup> Same, sheet 5 (Marginal no. 32.) \*
- I<sup>6</sup> Same, sheet 6 (Marginal no. 33.) \*
- I<sup>7</sup> Same, sheet 7 (Marginal no. 34.) \*
- I<sup>8</sup> Same, sheet 8 (Marginal no. 35.) \*
- I<sup>9</sup> Same, sheet 9 (Marginal no. 36.) \*
- I<sup>10</sup> Same, sheet 10 (Marginal no. 37.) \*
- I<sup>11</sup> Same, sheet 11 (Marginal no. 38.) \*
- Pacific Ocean, North, sheet 1 (Marginal no. 49.) [Not issued.]
- PN<sup>2</sup> Same, sheet 2 (Marginal no. 50.) \*
- PN<sup>3</sup> Same, sheet 3 (Marginal no. 51.) \*
- PN<sup>4</sup> Same, sheet 4 (Marginal no. 52.) \*
- PN<sup>5</sup> Same, sheet 5 (Marginal no. 53.) \*
- PN<sup>6</sup> Same, sheet 6 (Marginal no. 54.) \*
- PN<sup>7</sup> Same, sheet 7 (Marginal no. 55.) \*
- PN<sup>8</sup> Same, sheet 8 (Marginal no. 56.) \*
- PN<sup>9</sup> Same, sheet 9 (Marginal no. 57.) \*
- PN<sup>10</sup> Same, sheet 10 (Marginal no. 58.) \*
- PN<sup>11</sup> Same, sheet 11 (Marginal no. 59.) \*
- Pacific Ocean, South, sheet 1 (Marginal no. 39.) [Not issued.]
- Same, sheet 2 (Marginal no. 40.) }
- Same, sheet 3 (Marginal no. 41.) } [Not issued.]
- Same, sheet 4 (Marginal no. 42.) }
- PS<sup>5</sup> Same, sheet 5 (Marginal no. 43.) \*
- Same, sheet 6 (Marginal no. 44.) }
- Same, sheet 7 (Marginal no. 45.) } [Not issued.]
- PS<sup>8</sup> Same, sheet 8 (Marginal no. 46.) \*
- PS<sup>9</sup> Same, sheet 9 (Marginal no. 47.) \*
- PS<sup>10</sup> Same, sheet 10 (Marginal no. 48.) \*
- N14.10<sup>2</sup>: Wind and current charts, series B, Trade wind  
charts (Maury)**
- A Atlantic Ocean 2 editions 35.3 × 24.1 in. (Marginal no. 126 or  
127?) \*
- I Indian Ocean 17.3 × 35.4 in. (Marginal no. 125.) \*

Classification no. **N14. NAVAL OBSERVATORY—Continued**

- N14.10<sup>3</sup>:** [Wind and current charts] series C, Pilot charts (Maury) 35.3 × 24.1 in.
- AN<sup>1</sup> Atlantic Ocean, North, sheet 1 3 editions (Marginal no. 9.) \*
  - AN<sup>2</sup> Same, sheet 2 3 editions (Marginal no. 10.) \*
  - AS<sup>1</sup> Atlantic Ocean, South, sheet 1 3 editions (Marginal no. 12.) \*
  - AS<sup>2</sup> Same, sheet 2 2 editions (Marginal no. 13.) \*
  - B Brazil (Marginal no. 11.) \*
  - H<sup>1</sup> Horn, Cape, sheet 1 (Marginal no. 117.) \*
  - H<sup>2</sup> Same, sheet 2 (Marginal no. 118.) \*
  - IN<sup>1,2</sup> Indian Ocean, North, sheet 1 and 2 (Marginal no. 66 and 67.) \*  
[Supersedes sheets 1 and 2 of North Pacific Ocean; see N14.10<sup>3</sup>:PN<sup>1</sup> and N14.10<sup>3</sup>:PN<sup>2</sup>.]
  - Indian Ocean, South, sheets 1-4 [Included under South Pacific Ocean; see N14.10<sup>3</sup>:PS<sup>1-4</sup>.]
  - PN<sup>1</sup> Pacific Ocean, North, sheet 1 (Marginal no. 66.) \* [See, for later edition, N14.10<sup>3</sup>:IN<sup>1,2</sup>.]
  - PN<sup>2</sup> Same, sheet 2 (Marginal no. 67.) \* [See, for later edition, N14.10<sup>3</sup>:IN<sup>1,2</sup>.]
  - PN<sup>3</sup> Same, sheet 3 (Marginal no. 68.) \*
  - PN<sup>4</sup> Same, sheet 4 (Marginal no. 69.) \*
  - PN<sup>5</sup> Same, sheet 5 (Marginal no. 70.) \*
  - PN<sup>6</sup> Same, sheet 6 (Marginal no. 71.) \*
  - PS<sup>1</sup> Pacific Ocean, South, sheet 1 (Marginal no. 60.) \*
  - PS<sup>2</sup> Same, sheet 2 (Marginal no. 61.) \*
  - PS<sup>3</sup> Same, sheet 3 2 editions (Marginal no. 62.) \*
  - PS<sup>4</sup> Same, sheet [4?] (Marginal no. 63.) \* [Erroneously numbered sheet 1?]
  - PS<sup>5</sup> Same, sheet [5?] (Marginal no. 64.) \* [Erroneously numbered sheet 2?]
  - PS<sup>6</sup> Same, sheet 6 (Marginal no. 65.) \*
- N14.10<sup>4</sup>:** Wind and current charts, series D, Thermal sheets (Maury) 35.3 × 24.1 in.
- AN<sup>1</sup> Atlantic Ocean, North, sheet 1 2 editions (Marginal no. 14.) \*
  - AN<sup>2</sup> Same, sheet 2 (Marginal no. 15.) \*
  - AN<sup>3</sup> Same, sheet 3 (Marginal no. 16.) \*
  - AN<sup>4</sup> Same, sheet 4 (Marginal no. 17.) \*
  - AN<sup>5</sup> Same, sheet 5 (Marginal no. 18.) \*
  - AN<sup>6</sup> Same, sheet 6 (Marginal no. 19.) \*
  - AN<sup>7</sup> Same, sheet 7 (Marginal no. 20.) \*
  - AN<sup>8</sup> Same, sheet 8 (Marginal no. 21.) \*
  - AS<sup>1</sup> Atlantic Ocean, South, sheet 1 (Marginal no. 72.) \*
  - AS<sup>2</sup> Same, sheet 2 (Marginal no. 73.) \*
  - AS<sup>3</sup> Same, sheet 3 (Marginal no. 74.) \*
  - AS<sup>4</sup> Same, sheet 4 (Marginal no. 75.) \*
  - Same, sheet 5 (Marginal no. 76.) }
  - Same, sheet 6 (Marginal no. 77.) } [Not issued.]
- N14.10<sup>5</sup>:** [Wind and current charts] series E, Storm and rain charts (Maury) 35.3 × 24.1 in.
- AN Atlantic Ocean, North (Marginal no. 119.) \*
  - AS Atlantic Ocean, South (Marginal no. 120.) \*
  - PN Pacific Ocean, North (Marginal no. 129.) \* [129 is probably the last marginal number used.]
  - Pacific Ocean, South [None issued?] \*

Classification no. **N14. NAVAL OBSERVATORY—Continued**

- N14.10<sup>6</sup>:** [Wind and current charts] series F, Whale charts (Maury)
- P94<sup>1</sup> [Programme whale] chart showing favorite resort of sperm and right whale, by M. F. Maury; constructed from Maury's Whale chart of the world, by Robert H. Wyman. 1853. 23.4 × 36.6 in. (Marginal no. 78.) \*
- P94<sup>2</sup> Same. 1853, re-engraved 1859. 23.4 × 36.6 in. (Marginal no. 78.) \*
- W89<sup>1</sup> World. Whale chart of the world, sheet 1 24.4 × 35.8 in. (Marginal no. 79.) \*
- W89<sup>2</sup> Same, sheet 2 24.4 × 35.8 in. (Marginal no. 80.) \*
- W89<sup>3</sup> Same, sheet 3 24.4 × 35.8 in. (Marginal no. 81.) \*
- W89<sup>4</sup> Same, sheet 4 24.4 × 35.8 in. (Marginal no. 82.) \*
- N14.10<sup>7</sup>:** **Wind and current charts (miscellaneous)**
- F85 Franklin, Sir John. Chart illustrative of cruise of American Arctic expedition in search of Sir John Franklin in 1850 and 1851, fitted out by Henry Grinnell, commanded by E. J. DeHaven, brig Advance, Lieut. DeHaven, sch'r Rescue, S. P. Griffin; compiled by Geo. P. Welsh under direction of M. F. Maury from materials in Bureau of Ordnance and Hydrography. [1853?] 23.6 × 25 in. (Marginal no. 116.) \*
- N14.11:** **Nautical monographs (Maury)**
- (nos.) 1  
2 \*  
3  
4 }  
[5] } [Issued by Hydrographic Office; see N6.10:4, 5.]
- N14.12:** **Catalogues of charts**
- [The publication listed below is the only one of the lists of charts issued under Naval Observatory and Hydrographical Office which is in the Public Documents Library.]
- 856 Catalogue of charts. Hydrographical Office, Washington, Jan. 1856.  
4°

**N15. NAVAL WAR COLLEGE**

[Established by Navy Department General order 325, Oct. 6, 1884, which placed the college under the Bureau of Navigation. The old Poor House on Coaster's Harbor Island, Newport, R. I., was assigned to its use. The first college term opened Sept. 3, 1885. By naval appropriation act approved Sept. 7, 1888 (Stat. L. v. 25, p. 459), the Secretary of the Navy was "authorized to consolidate and place under one command the Torpedo Station and the Naval War College at Newport, R. I., after said date [Jan. 1, 1889]." By Navy Department General order 365, Jan. 11, 1889, the consolidation was made, the wording of a portion of the order being as follows: "The institution on Coaster's Harbor Island, in the harbor of Newport, Rhode Island, known as the 'Naval War College,' is hereby consolidated with, and made a part of, the Torpedo Station on Goat Island, in said harbor, which station, as consolidated, will hereafter be known as the 'Naval Torpedo Station and War College,' and is placed under the command of the officer in charge of the torpedo station."

The college, by that order, was transferred from the Bureau of Navigation to the Bureau of Ordnance. The same order transferred the library and movable property belonging to the college to the Naval Torpedo Station and War College on Goat Island near by, while the building on Coaster's Harbor Island, formerly occupied by the college, passed to the control of the Bureau of Equipment and Recruiting for the use of the Naval Training Station.

By the naval appropriation act approved Mar. 2, 1889 (Stat. L. v. 25, p. 812), \$100,000 became available for erecting and furnishing a new building for use by the Naval Torpedo Station and War College. As that act made no definite provision for its location, the Secretary of the Navy delayed undertaking the construction, and on p. 36 of his annual report for 1889 (N1.1:889<sup>1</sup>) opposed its erection on Goat Island, recommending instead Coaster's Harbor Island. He also recommended on p. 37 of the same report that the college should not be attached to the Bureau of Ordnance, but to the Bureau of Navigation. In accordance with these recommendations, the next appropriation act, that of June 30, 1890 (Stat. L. v. 26, p. 190) included the "Naval War College and Torpedo School, on Coaster's Harbor Island," under the Bureau of Navigation, and authorized the Secretary of the Navy to erect the new building on Coaster's Harbor Island. The act became effective July 1, 1890, and this date marks the severance of the connection between the college and the Naval Torpedo Station, the latter remaining then, as now, on Goat Island. The two establishments should not be confused.

There was no session of the college in 1890, nor in 1891. On Sept. 1, 1892, the college was reopened in its new quarters on Coaster's Harbor Island. There was no session for 1893.