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UNIVERSITY OF KENTUCKY



INVENTORY
OF
FEDERAL ARCHIVES
IN
THE STATES

SERIES X
DEPARTMENT OF
COMMERCE
NO. 5
CALIFORNIA.



GOVERNMENT PUBLICATIONS

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SURVEY OF FEDERAL ARCHIVES
WORKS PROGRESS ADMINISTRATION

INVENTORY OF FEDERAL ARCHIVES IN THE STATES

Prepared by

The Survey of Federal Archives
Division of Professional and Service Projects
Works Progress Administration

The National Archives
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SERIES X. DEPARTMENT OF COMMERCE

NO. 5. CALIFORNIA

San Francisco, California
The Survey of Federal Archives
1939

The Survey of Federal Archives

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PREFACE

The Inventory of Federal Archives in the States is one of the products of the Survey of Federal Archives, which operated as a nation-wide project of the Works Progress Administration from January 1, 1936 to June 30, 1937, and has been continued in California since that time as a state project of that Administration.

The plan for the organization of the Inventory is as follows: Series I consists of reports on the administration of the Survey, acknowledgements, and general discussions of the location, condition, and content of federal archives in the states. Succeeding series contain the detailed information secured by workers of the Survey, in inventory form, a separate series number being assigned to each of the executive departments (except the Department of State) and other major units of the Federal Government. Within each series No. 1 is a general introduction to the field organization and records of the governmental agency concerned; the succeeding numbers contain the inventory proper, separate numbers being assigned to each state in alphabetical order. Thus, in each series, the inventory for Alabama is No. 2, that for Arizona No. 3, that for Arkansas No. 4, etc.

For each local office information regarding each series, or unit of related records, is presented in the following order: title, inclusive dates ("to date" indicating an open file at the time the information was secured), general description of informational content, description of the system of filing or indexing (if any), a statement of frequency and purpose of use, form of the record itself (bound volumes, sheets in folders, etc.), linear footage, description of the containers, physical condition of the records (not stated if satisfactory), location by room number or other identifying information, and finally, the number of the Form 58SA on which this information was originally recorded by a Survey worker and from which it was abstracted for the Inventory. This form is on file in The National Archives. When it contains substantial information on addenda sheets which has not been included in the mimeographed abstract, indication of this is given by use of the reference "See addenda."

In California the work of the Survey was under the direction of Mr. Charles L. Stewart, Regional Director for California and Nevada, from its inception until June 30, 1937. From that time until September 1, 1937 the work was under the supervision of Mrs. Thelma Ziemer, State Director of the Historical Records Survey. Since then Mr. Cyril E. Paquin has been in charge of the state project. The map and bureau title pages were prepared by Mr. Paul O'Bryne, a member of the San Francisco Staff. This Inventory of the records of the Department of Commerce in California was prepared in the San Francisco office of the Survey and was edited before final typing by Mr. Arthur R. Kooker of the Washington office.

San Francisco, California
April 3, 1939

Cyril E. Paquin, State Director
Survey of Federal Archives
in California

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BUREAU
OF
AIR COMMERCE



BUREAU OF AIR COMMERCEBAKERSFIELDAIR NAVIGATION DIVISION
AIRWAY RADIO STATION

Administration Bldg., Kern County Airport

This agency was established in Bakersfield on January 15, 1933. Its chief function is to safeguard life and property on the heavily traveled air lane between San Francisco and Los Angeles. It aids in the operation and maintenance of intermediate landing fields and beacon lights, furnishes constant radio information to pilots regarding weather and winds, and transmits reports from pilots to the Weather Bureau with which it cooperates. It also supplies directional aid in blind weather, and informs of conditions to be met in blind landings. A daily traffic log is kept of planes on the lane, noting their airway observations, and discrepancies in schedules. A monitor range-chart sets forth the plane's location when picking up the agency's signals. Monthly reports are sent to Washington through the Weather Bureau.

1. WEATHER REPORTS, 1934 - 1935. USWB Form 1130 shows information furnished to pilots on temperature, humidity, visibility, directional winds, and reports from pilots and other airports on prevailing weather conditions. (Daily, official.) $8\frac{1}{2}$ x 10 bundles and sheets, 5 in., on wooden shelf. Office. (3, 1)

2. DAILY TRAFFIC REPORTS BY MONTHS, 1935 - 1936. Show all planes entering, departing, or grounded; on or off schedules, reason for delay, list of passengers and crew, flight checks and airway observations. (Daily, official.) $5\frac{1}{4}$ x $8\frac{1}{2}$ bundles, 1 ft. 6 in., on wooden shelf. Office. (2)

3. SPECIAL DATA FOR AIRWAY OBSERVATION, Mar. 1935 - May 1936. USWB Form 1135. (Daily, official.) 5 x $8\frac{1}{2}$ bundles, 3 in., on wooden shelf. Office. (6)

4. DAILY RADIO RANGE MONITOR REPORT, May 1, 1935 - May 31, 1936. Form AB-240 shows location of plane in flight when receiving signals from air base or observation plane. (Daily, official.) 8 x $10\frac{1}{2}$ bundles, 4 in., on wooden shelf. Office. (4)

5. WEEKLY TELETYPE DISCREPANCY REPORTS, 1936. AB Form 223 shows weather conditions at different times in various areas for information of air navigation. (Daily, official.) 8 x 10 $\frac{1}{2}$ bundles, 10 in., on wooden shelf. Office. (5)

BARSTOW

AIR NAVIGATION DIVISION
AIRWAY MECHANICIAN'S OFFICE
Finke Bldg., 130 First St.

This agency, established in Barstow in 1932, functions as the main checking headquarters of all planes flying the Los Angeles, Salt Lake, and Texas airways, and supervises intermediate landing fields, beacon lights, and radio directionals. In cooperation with the Weather Bureau, the agency advises pilots of weather and winds, and transmits weather observations of pilots to the Weather Bureau. Flight checks are compiled on all planes from time of entering this lane until leaving. These checks are records of weather, ceiling, off-schedule reports with reasons for delay, and general information relative to the flight. All reports are sent to the District Headquarters, Oakland, California.

6. REFERENCE FILE, 1929 to date. Correspondence, invoices, requisitions, circulars, and reports. (Daily, official.) 10 x 12 folders, 13 ft. 6 in., in 8 drawers of steel filing cases. R. 1. (1)

DAGGETT

AIR NAVIGATION DIVISION
AIRWAY RADIO STATION

- (A) Airport Headquarters, Four miles east of Daggett
- (B) Hydrogen Shed, Four miles east of Daggett

This intermediate landing field was established in Daggett in 1931. Its major function is that of an additional safeguard of life and property in air commerce by constant radio contact with planes on the lane, advising pilots of weather and winds, and supplying all information relative to conditions to be met in the event of blind-landings. Weather conditions reported by the pilots are transmitted to the Weather Bureau, with which the agency cooperates. All records and reports are sent to District Headquarters, Oakland, California.

7. GENERAL REFERENCE FILE, 1931 to date. Ship landing reports, circulars and correspondence, monthly traffic reports, radio transmitter record, radio equipment failure reports, condition reports, weather bureau forms, and miscellaneous forms. (Daily, official.) 10 x 12 folders, 8 ft. 6 in., in 4 drawers of steel filing case. Office (Bldg. A). (4)

8. TRAFFIC REPORTS AND MISCELLANEOUS CORRESPONDENCE, 1931. (Rarely, official.) 10 x 12 pamphlet boxes, 7 ft., on shelf. (Bldg. B). (2)

9. WEATHER TELETYPE TAPES, 1931 to date. Reports of weather conditions at different times in various places for information of air navigators. (Rarely, official.) 5 in., in diameter and $1\frac{1}{2}$ in., thick, teletyped tape rolls, 7 ft., on wooden shelves and in pasteboard box. (Bldg. B). (1)

10. PROPERTY ACCOUNT, 1934 to date. Record of all property on the field. (Daily, official.) 20 x 30 books and 10 x 12 folders, 10 in., in steel filing case. Office (Bldg. A). (3)

LOS ANGELES

AIR REGULATION DIVISION SUPERVISING AIRLINE INSPECTOR

Administration Bldg., Los Angeles Municipal Airport
Inglewood, California

This agency was established in 1927. It was originally quar-
tered in the Chamber of Commerce Building, 123 South Hill Street;
moved to the Bendix Building, Maple and Twelfth Streets in February
1930; then to the present location in May 1933.

Its major function is to promote and develop air traffic with
public safety constantly in view. In furtherance of this policy,
pilots and mechanics are examined, planes and instruments are
tested, and factual data is compiled on airways, beacons, and
landing fields. Also all new models of air-craft are tested by
the engineers as are old models in which a change in construction
has been made.

All air-craft arriving or departing from airports in the vicini-
ty of Los Angeles is under the jurisdiction of this agency.

A list of useless papers has been submitted to Washington and
their destruction awaits authorization.

11. CORRESPONDENCE, May 1928 to date. Letters to and from
air regulations division, airline inspection service, supervising
airline inspector, radio development section, navigation division,

airway development and construction sub-division, relative to the expansion and development of work of the aeronautics branch. Filed numerically under Dewey decimal system. (Daily, official.) 9 x 12 folders, 6 ft. 6 in., in steel filing case. R. 200. (6362)

12. ACCESSORIES, 1930 to date. Statistical details, concerning accessories and different parts of airplanes, furnished by manufacturers and by Government inspectors. Segregated by name of accessory or part, and numbered 1 to 13. (Occasionally, official.) 10 x 12 folders, 1 ft. 5 in., in steel filing case. R. 230. (6368)

13. ENGINEERING DATA, 1930. On various makes of airplanes; show name and address of manufacturers, blue prints of all airplane parts, photographs, correspondence relative to inspections and detail of copies of tests made by companies' engineers with their signatures and those of witnesses. Arranged alphabetically. (Frequently, official.) $9\frac{1}{2}$ x 12 envelopes, 1 ft. 9 in., in 4 drawers of steel filing case. R. 202. (6364)

14. REPAIRS, 1930 to date. Details of all repairs made on airplanes, and copies of telegrams in reference thereto. Filed alphabetically by name of plane. Index. (Occasionally, official.) 10 x 12 envelopes, 5 ft. 10 in., in 4 drawers of steel cabinet. R. 203. (6370)

15. ANALYSIS DRAWINGS, REPORTS AND BLUEPRINTS OF AIRPLANES, 1931 to date. Miscellaneous data, reports, blueprints, specifications and analysis of airplane models built by various aircraft manufacturers; show model's number, and name of manufacturer. See addenda for list of manufacturers and further description. Filed numerically by name of manufacturer. (Daily, official.) Various sized folders and bundles, 99 ft. 4 in., in 56 drawers of metal filing cases, on floor and on top of filing case. R. 203. (6375)

16. BLUEPRINTS AND SPECIFICATIONS, 1931 to date. Approved and disapproved specifications of aircraft models. Three copies are made: one sent to Washington, one to manufacturer, and one retained. See addenda for list of designs and manufacturers. Filed alphabetically. (Daily, official.) 10 x 12 blueprints, 51 ft. 1 in., in 33 drawers. R. 203. (6369)

17. BLUEPRINTS AND REPORTS OF AIRPLANE PARTS, 1931 to date. Blueprints and reports of engines and parts submitted by airplane manufacturers to the second inspection district for approval or rejection. Filed alphabetically by name of manufacturer and numerically by part number. (Frequently, official.) 9 x $11\frac{1}{2}$ folders, 4 ft. 7 in., in 4 drawers of steel filing case. 4th floor. (6376)

18. CORRESPONDENCE WITH MANUFACTURERS REGARDING BLUEPRINTS AND SPECIFICATIONS, 1931 to date. Letters to and from manufacturers of airplanes relative to factors concerning designs of airplanes submitted for approval of engineering department. Filed alphabetically by name of manufacturer. (Occasionally, official.) 10 x 12 folders, 5 ft. 5 in., in 3 drawers of steel filing case. R. 203. (6373)

19. GENERAL CORRESPONDENCE, 1931 to date. Pertains to specification of new and modified planes, changes in aircraft, proof type certificates, and miscellaneous items concerning examination and classification of new planes and equipment tested, accepted or rejected by this office; also correspondence to and from various manufacturers of airplanes. Arranged numerically. Index. (Occasionally, official.) 9 x 12 loose-leaf books (24), 3 ft. 4 in., on top of desk. 4th floor. (6374)

20. GENERAL FILES, 1931 - 1932. Correspondence and data relative to the general administration of this office: inspectors' service records, waivers, violations, lists of pilots issued licenses and date issued, copies of all mechanics' licenses issued in Washington, and names and addresses of pilots throughout the United States whose licenses were cancelled. Correspondence and data filed according to the Dewey decimal system and licenses arranged alphabetically. (Rarely, official.) $9\frac{1}{2}$ x 12 folders, 5 ft. 3 in., in 3 drawers of steel filing case. R. 202. (6363)

21. INDEX TO FILES, 1931 to date. Complete index to records of this office. See addenda for list of records. Arranged numerically according to the Dewey decimal system. (Daily, official.) 8 x $10\frac{1}{2}$ loose-leaf book, 1 in., in desk. R. 200. (6361)

22. MISCELLANEOUS CORRESPONDENCE, 1931 - 1933. Records of airplane accidents reported to this office by pilots, observers, manufacturers and investigators. Arranged alphabetically by name of airplane. (Never.) 10 x 12 folders, 1 ft. 8 in., in steel filing case. R. 203. (6372)

23. MISCELLANEOUS CORRESPONDENCE AND RECORDS. 1931 - 1932. Correspondence with manufacturers and Department of Commerce, and personal letters of inspectors. (Never.) 10 x 15 folders, 9 in., in steel filing case. R. 230. (6371)

24. WEEKLY AUTOMOBILE REPORTS, June 28, 1931 to date. Form AB-140, weekly log book of all automobiles in service. Shows license number, date, speedometer readings at beginning and end of week, detailed record of trips made, starting point, destination, distance travelled, name of inspector, items of repair and amounts, itemized entries on gas used, total for week and grand total. Arranged chronologically. Index. (Daily, official.) 6 x $9\frac{1}{2}$ vols., 9 in., in steel filing case. R. 202. (6366)

25. FLIGHT LOG, August 19, 1931 to date. Form AB-82, weekly record of Government owned planes. Each plane has a log book showing make of plane, license number, serial number and make of engine, date, place of departure and arrival, flying time, name of pilot, purchases and repairs, weekly total of flying time and total to date. Reverse side gives a complete report on inspection of ship, showing details of defects or repairs necessary, signature of inspector, and date. (Daily, official.) 5-7/8 x 9-3/8 vols., 8 ft. 6 in., in steel filing case. R. 202. (6365)

26. MISCELLANEOUS RECORDS, 1934 to date. Show memoranda of inspectors and medical examiners, vouchers, telegrams, national advisory committee for aeronautics, memorandum to 2d inspection district, personnel, and memo on travelling personnel. Filed chronologically. (Daily, official.) 10 x 13 folders, 8 in., in steel filing case. R. 203. (6367)

27. AIRPLANE PARTS, n.d. Lists various parts of airplanes and their effect on performance after tests made by this office. See addenda for list of parts. Arranged alphabetically by subject matter. (Occasionally, official.) 3 x 5 cards, 4 in., in card cabinet. 4th floor. (6377)

OAKLAND

AIR NAVIGATION DIVISION
SIXTH DISTRICT HEADQUARTERS
DISTRICT MANAGER

Treasury and Customs Bldg., 241 13th St.

This agency was established in San Francisco in July 1927, and was known as the Aeronautic Branch of the Lighthouse Service until July 1933. At that time it moved from the Customs Building in San Francisco to the present location, and assumed the designation it now bears.

It functions in safeguarding life and property on the much traveled air lanes radiating from Oakland; aids air navigation in the operation and maintenance of terminals, intermediate landing fields and beacon lights, and relays weather information to pilots by radio. Flying observations are transmitted to the Weather Bureau with which this agency cooperates, and data regarding directional aid in blind weather and conditions to be encountered in blind landings is supplied.

A running traffic log is kept of all planes on the various air lanes with notations of their airway observations and discrepancies in schedules. A radio range monitor places the location of the

plane when picking up the agency's signals. Monthly and quarterly reports, copies of purchase vouchers, and technicians' cost reports are sent to Washington.

Records prior to July 1927, appear to be blueprints, architectural drawings, and construction costs of buildings and landing fields.

28. BLUEPRINTS, 1921 to date. Blueprints of airways, landing fields, beacons, buildings, equipment and supplies; also includes navigation maps. Filed according to geographical area. 3 x 5 cross index, 6 in. (Daily, official.) Various sized maps and blueprints, 47 ft., in 12 drawers of steel filing cases, in 8 drawers of wooden filing cases and in standard wooden map case. Rs. 201 and 202. (796)

29. REPORTS AND VOUCHERS, 1921 to date. Quarterly reports of materials supplied to specified areas; also job vouchers, and material and labor costs of construction and repair work. (Occasionally, official.) 8½ x 11 bundles, 4 ft., in 2 drawers of metal filing case. R. 201. (797)

30. MISCELLANEOUS RECORDS, 1927 to date. Correspondence, leases, property records, reports, bulletins, sites, landing fields, beacons, proposals, specifications, contracts, orders, requisitions, invoices, notices to airmen, time sheets, vouchers, and monthly reports. Filed alphabetically. (Rarely, official.) 8½ x 10 folders, 105 ft. 5 in., in 46 drawers of metal filing cases and in 23 drawers of wooden filing cases. Rs. 28, 201, 202 and 203. (798)

31. OFFICE EQUIPMENT AND SUPPLIES, 1927 to date. Inventory shows make and type of equipment, transfers from one department to another, and cost accounting records. Filed alphabetically. (Occasionally, official.) 5 x 8 cards, 1 ft. 3 in., in wooden Kardex filing case. R. 201. (799)

32. PERSONNEL, 1927 to date. Forms 6 AB and 7; service records of airway keepers, mechanics, radio operators and laborers; daily time sheets; leaves of absence; civil service and other matters pertaining to active and inactive personnel. Filed alphabetically. (Daily, official.) 8½ x 11 folders and 5 x 8 cards, 15 ft. 6 in., in 8 drawers of metal filing cases and in 6 drawers of wooden filing cases. R. 201. (800)

33. PROPERTY REPORTS, 1927 to date. Inventories of supplies and equipment at airway radio stations. Filed by name of station. (Daily, official.) 8 x 10 loose-leaf books, 8 in., in 2 metal visible binders. R. 203. (801)

34. TELETYPE, 1927 to date. Location of teletypes. Filed numerically. (Occasionally, official.) 3 x 5 cards, 4 in., in wooden filing case. R. 203. (802)

35. AUTO PLATE RECORD, 1928 - 1933. Automobiles in service of Bureau of Air Commerce in this district. (Rarely, official.) 5 x 8 cards, 3 in., in wooden filing case. R. 201. (804)

36. ROUTE FILES, 1928 to date. Weekly reports, sites, leases, requisitions, and correspondence for flying routes from San Francisco to Reno, and San Diego to Los Angeles. Filed alphabetically by area symbol. (Daily, official.) 10 x 12 folders and bundles, 36 ft., in 32 drawers of metal filing cases. R. 201. (805)

37. SIXTH DISTRICT CIRCULARS, 1928 to date. Information and orders which originated in this office. Filed numerically. (Daily, official.) $8\frac{1}{2}$ x 11 folders, 5 ft. 2 in., in 4 drawers of metal filing case. R. 201. (803)

38. AIRWAY SUPPLY ORDERS, July 1, 1928 - July 16, 1933. "Invitation to Bid" and copies of purchase vouchers. Filed numerically by purchase order number. (Rarely, official.) 10 x 12 bundles, 2 ft. 5 in., in 8 Columbia binding cases. R. 201. (806)

39. COMMUNICATIONS, 1933 to date. Traffic messages and daily communications. (Frequently, official.) $8\frac{1}{2}$ x 11 sheets, 1 ft. 9 in., in wooden filing case. R. 28. (807)

40. VOUCHERS, June 1933 to date. Office copies of purchase vouchers. Filed numerically. (Occasionally, official.) $8\frac{1}{2}$ x 11 sheets, 6 ft. 8 in., in 4 drawers of metal filing case. R. 201. (808)

41. FINANCIAL REPORTS, 1934 to date. Cost reports, monthly accounts, and correspondence regarding bonds and bank deposits. (Daily, official.) $8\frac{1}{2}$ x 11 folders, 2 ft., in metal filing case. R. 201. (809)

42. MEMO OF PROPERTY TRANSACTIONS, 1934 to date. Invoice of property and supplies purchased and transferred between stations. (Daily, official.) $8\frac{1}{2}$ x 11 sheets, 9 ft., in steel filing case. R. 201. (810)

SAN FRANCISCO

AIR NAVIGATION DIVISION
AIRPORT ENGINEER
Monadnock Bldg., 681 Market St.

This agency was established in San Francisco in October 1935, and was located at 49 Fourth Street until May 1936. This headquarters office has supervision over the planning and construction of airports, most of which have been built as projects of the Works Progress Administration. Jurisdiction includes Washington, Oregon, California, Idaho, Nevada, Arizona, Wyoming, Utah, New Mexico, Colorado, Montana, Alaska, and Hawaii. No records have been sent to Washington as yet; nor are there any useless papers.

43. AIRPORT PROJECT FILES, Oct. 1935 to date. DAA Form 8, field inspection progress report; AMM Form 18, airport inspection report; QMC Form 26, airport reports on investment and operations; QMC Form 29, airport facilities report; QMC Form 79, airport investment and operating questionnaire - confidential; WPA Form 301, project proposal; WPA 306, project application; Standard Form 1012, Public voucher for reimbursement of travel; other expenses, including per diem. Files also contain plans and specifications, blueprints, and miscellaneous correspondence. See addenda for full description of forms and detailed data. (Daily, official.) 9 x 14 folders, 34 ft. 4 in., in 16 drawers of steel filing cases and on desk. Rs. 470, 454 and 472. (14319, 14320, 14357)

44. BLUEPRINTS, Oct. 1935 to date. Blueprints of airports and WPA airport projects show name of airport or project, location, project number, size of field, date made, location of building, elevation, and serial number. (Daily, official.) Various sized bundles, 2 ft., on desk and on filing cabinet. Rs. 454 and 470. (14362, 14365)

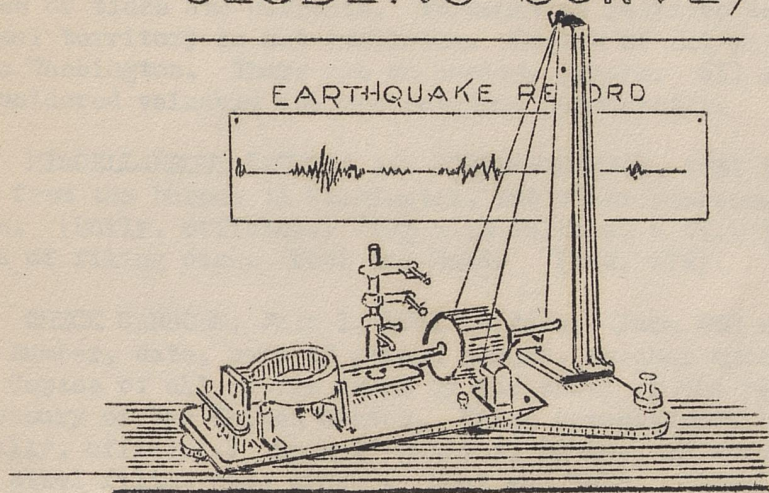
45. FEDERAL PROJECT REPORTS, Oct. 1935 to date. Progress report and cost sheet of WPA airport projects show name of airport, location, date started, appropriations, state or other funds, project number, type of work, work scheduled and completed to date, percent complete, estimated or actual completion dates, material and labor costs, man-years of work, total number of men employed, superintendence cost, amount expended to date, and amount necessary to complete. (Daily, official.) 30 x 36 sheets $\frac{1}{4}$ in., on desk. R. 454. (14366)

46. PHOTOGRAPH RECORDS, Oct. 1935 to date. Show name of airport, location, date taken, date of field survey, and dates sent to Washington to be photostated, returned and checked. (Daily, official.) 12 x 12 covers, $\frac{1}{4}$ in., on desk. R. 454. (14364)

47. WEATHER REPORTS, Oct. 1935 to date. Show date, wind velocity and direction, temperatures, prevailing conditions and forecasts of approaching changes and relative information, and notices to airports and to U. S. Army and Navy stations. (Daily, official.) 10 x 14 and 8 x 10 $\frac{1}{2}$ sheets, 2 in., hanging on wall. R. 454. (14318)

48. AERIAL PHOTOGRAPHS, 1937 to date. Show name of airport, location, date photograph was taken, size of field, location and size of buildings, runways and hangars, and general data pertaining to airport. (Daily, official.) 10 x 12 covers, 1 in., on desk. R. 454. (14363)

COAST
AND
GEODETIC SURVEY



COAST AND GEODETIC SURVEYLONG BEACH

HYDROGRAPHY AND TOPOGRAPHY DIVISION

FIELD STATION

U.S.S. Pioneer, Broadway and Water Sts.

This agency was established on board the U. S. S. Pioneer in 1922, and has undergone no administrative reorganization. Its functions include the production of charts for the guidance of mariners, triangulation and leveling, and observations and analyses of tides and currents. Information relative to jurisdictional territory is not available. Copies of all records are sent to Washington. There are no useless papers; all records are considered valuable and are retained permanently.

49. MISCELLANEOUS LETTERS AND CORRESPONDENCE, 1931 to date. To and from the bureau in Washington, and other sources. See addenda. (Daily, official.) $10\frac{1}{2}$ x 12 folders, 9 ft., in 7 drawers of filing case. Deck and Hold. (562, 572)

50. CHECK CARBONS, July 1, 1931 to date. Form 488 shows place, number, date, name of payee, amount, voucher number, and item. Copies of all checks drawn by the chief of the party on the Treasury of the United States. Filed chronologically. (Occasionally, official.) $8\frac{1}{2}$ x 17 bundles, 10 in., in wooden desk and in steel filing case drawer. Deck and Hold. (561, 571)

51. INVENTORY OF GENERAL PROPERTY ON BOARD, 1932 to date. Form 55, complete inventory of all property on board shows number on hand, received, dropped and purchased. Articles listed alphabetically showing condition, place of storage, if stored, and remarks. (Annually, official.) 8 x $10\frac{1}{2}$ vol., 2 in., on wooden shelf. Deck. (560)

52. LOG BOOK, Jan. 1, 1935 to date. Form 279 gives name of director, ship, and commanding officer; lists all officers connected with ship, showing rank and date of joining vessel; gives general dimensions of vessel, daily weather conditions, daily movement of ship, and activities of the party. Entered chronologically. (Daily, official.) 10 x $11\frac{1}{2}$ vols. (19), 1 ft. 7 in., on wooden shelf. Deck. (565, 566)

53. HYDROGRAPHIC SHEET, May 14, 1936 to date. Canvas backed sheet on which is plotted the depths of the sea. (Daily, official.) 42 x 72 sheets of canvas backed paper, 1 in., in wooden rack. Deck. (569)

54. SOUNDINGS, May 14, 1936 to date. Form 275 shows location at time of recording, date, meridian time, soundings, bottom, angles and range bearings, log readings, engine revolutions and remarks. (Frequently, official.) $5\frac{1}{2}$ x 13 vols. (25), 1 ft. 11 in., on wooden shelf. Deck. (567)

55. TOPOGRAPHIC SHEET, May 14, 1936 to date. Canvas backed sheet on which is mapped the shore line and land adjacent to the shore line. (Daily, official.) 30 x 50 sheets of canvas backed paper, 1 in., in wooden rack over table. Deck. (570)

56. BOMB RECORD, June 13, 1936 to date. Form 670 shows bomb number, pints (TNT) dropped, time (seconds), distance (meters), time dropped, station, knots, clearness of tape record, station, deflation and bomb amplifier at station. Arranged chronologically. (Daily, official.) $5\frac{1}{2}$ x 13 vols., 9 in., on wooden shelf. Deck. (564)

57. RADIO ACOUSTIC RANGING AND DEAD RECKONING ABSTRACT, June 13, 1936 to date. Form 722 shows hydrographic sheet number, U. S. Coast and Geodetic Survey Ship commanding station, locality, date, day, position, number, elapsed time, course, distance, bomb apparent, horizontal velocity, wind, time, current and buoy anchor to hydrophone. Filed chronologically. (Daily, official.) 10 x $11\frac{1}{2}$ folders, 3 in., on wooden shelf. Deck. (563)

58. TRIANGULATION OBSERVATIONS OF HORIZONTAL ANGLES, Sept. 1, 1936 to date. Form 250 shows stations, state, initials of observer, objects observed and observations recorded. From these observations the latitude and longitude of objects are computed. (Frequently, official.) 5 x $7\frac{1}{2}$ vol., 1 in., on wooden shelf. Deck. (568)

LOS ANGELES

SEISMOGRAPH STATION

Chamber of Commerce Bldg., 1151 South Broadway

This agency was established in September 1933, and is virtually a sub-office of the San Francisco station of the same bureau. The chief functions are the study of earthquakes, the forces they set up, and the damage they do; also to provide architects and engi-

neers with data enabling them to plan and construct earthquake-resisting structures. While not specifically designated as such, the territorial jurisdiction is considered to be Los Angeles and immediate vicinity. Useless papers are destroyed when advised to do so by the San Francisco office. Monthly reports are sent to Washington via the San Francisco office.

59. MISCELLANEOUS CORRESPONDENCE AND REPORTS OF SEISMOGRAPHIC NATURE, Sept. 1, 1933 - Apr. 1936. Letters and contracts of various types used for seismographic surveys, tabulations, charts, vibration reports of Southern California area, automobile and traveling expenses, and general expense reports. (Frequently, official.) $9\frac{1}{2}$ x 12 folders, 9 in., in steel filing case. R. 286, N. (209)

60. PHOTOGRAPHIC MATERIAL OF REPORTS, Sept. 1, 1933 - Apr. 1936. Pictures of buildings where vibration tests are made, instruments used, findings, vibration recordings, and buildings in various forms of damage caused by earthquakes in Southern California. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ bundles, 1 ft. 4 in., in wooden filing case. R. 286, N. (211)

61. STRONG MOTIONS OF EARTH, SOUTHERN CALIFORNIA, Sept. 1, 1933 - Apr. 1936. Reports and tabulations of strong motions of earthquakes and their vibrations and effects; correspondence and comparison notes of effects with workings and recordings of seismograph instruments. (Frequently, official.) $9\frac{1}{2}$ x 12 envelopes, 1 ft. 10 in., in 2 drawers of steel filing case. R. 286, N. (212)

62. VIBRATION REPORTS, EARTHQUAKES, Sept. 1, 1933 - Apr. 1936. Tabulations, charts, maps and reports show data, magnetic and seismographic instrument development diagrams of buildings in Southern California where instruments are located, geological notes on this area, reports on motion measurements, and vibrations of various prominent buildings. (Frequently, official.) $9\frac{1}{2}$ x 12 folders, 1 ft. 7 in., in 2 drawers of steel filing case. R. 286, N. (210)

SAN FRANCISCO

HYDROGRAPHY AND TOPOGRAPHY DIVISION

FIELD STATION

- (A) Custom House, Washington and Battery Sts.
- (B) Appraisers Bldg., Washington and Sansome Sts.
- (C) U. S. Mint, 5th and Mission Sts.

In 1849 the schooner Ewing came to the Pacific Coast for the first Coast Survey; the first land office was established in San Francisco in 1850. From 1849 to June 30, 1877 it was known as the

Coast Survey under the jurisdiction of the Department of the Treasury. On July 1, 1877 the name was changed to the Coast and Geodetic Survey. It was transferred to the Department of Commerce and Labor on July 1, 1903 and remained thereunder until 1913, when Labor became a separate department, leaving the Coast and Geodetic Survey under the Department of Commerce.

Information regarding locations of offices prior to 1875 is not available. From 1875 to 1904 space was occupied in the Appraisers Building at Washington and Sansome Streets; from 1904 to 1910, in the Columbus Bank Building at Montgomery and Washington Streets; from 1910 to date, in the Custom House at Washington and Battery Streets. The Seismology Division now occupies quarters in the Appraisers Building.

This agency is composed of two divisions: the Hydrography and Topography Division, Field Station and the Terrestrial Magnetism and Seismology Division, Seismograph Station.

The functions of this agency include the production of charts for the guidance of mariners through navigable waters; triangulation and leveling to furnish control in the interior for mapping and other engineering work; observations and analyses of tides and currents; magnetic surveys; seismology to reduce the earthquake hazard by furnishing data by which structures can be erected that will resist earthquake.

The Hydrography and Topography Division has jurisdiction over the Pacific Coast west of the Rocky Mountains with the exception of the State of Washington; the Seismology Division covers the region west of the Rocky Mountains. The latter named division was established in 1932. It will be noted that some of the records date back to 1905. Those dated prior to 1932 were brought to this office by Mr. Franklin P. Ulrich, Magnetic Observer, in charge of this division, from the office of his previous employment.

All original records are sent to Washington. Obsolete charts are destroyed to prevent commercial or navigational use, or are given to educational institutions and marked "For educational use only." Other useless papers are placed in storeroom awaiting permission for their destruction. Attention is called to the records in the custody of the Superintendent of the Mint.

63. SURVEY OF MARE ISLAND STRAITS, 1851. Triangulation by Army and Navy officers; hydrography by survey group, showing Mare Island, Mare Island Straits, townsite of Vallejo, part of Benecia, Straits of Carquinez, and Bay of San Pablo. (Never.) 9 x 15 papers, in wooden wall cabinet. R. 18 (Bldg. C). (5545)

64. SURVEY OF SAN DIEGO ENTRANCE, 1851. Trigonometrical survey by R. D. Cutts and George Davidson, assistants, and A. M. Harrison, sub-assistant, of approaches and entrance to San Diego bay and Los Coronados, together with proposed site of lighthouse authorized by

Act of Congress, Sept. 28, 1850. (Never.) 15 x 16 sheet, in wooden wall cabinet. R. 18 (Bldg. C). (5540)

65. TRIANGULATION STATIONS, 1851 to date. Original copies of sketches of San Francisco Bay and duplicates of all stations, in California, and correspondence on triangulation. (Daily, official.) 5 x 8 cards and 10 x 12 sheets, 17 ft. 6 in., in 5 drawers of filing cases, in 9 cardboard transfer cases and in 3 drawers of card cabinet. R. 510 (Bldg. A). (557)

66. SURVEYS OF COAST HARBORS, 1852. Reconnaissance of Catalina harbor and the anchorage on the northeast side of the island; of San Clements harbor, Prisoner's harbor, Cuyler's harbor, and island of San Miguel, by the hydrographic party under command of Lt. James Alden, U.S.N. (Never.) $14\frac{1}{2}$ x $18\frac{1}{2}$ and $15\frac{1}{2}$ x 22 sheets, in wooden wall cabinet. R. 18 (Bldg. C). (5539, 5544)

67. COAST SURVEY OF WASHINGTON TERRITORY, 1856 - 1871. Records of various surveys made in the field by observers give dates, location, condition, stations observed, description, charts, and final outcome. (Never.) 9 x 11 vol., $1\frac{1}{2}$ in., on wooden shelf. Dirty. Storeroom, rear of left wing, 4th floor. (Bldg. B). (13474)

68. OLD MAPS, 1874 - 1877. Of San Mateo, Monterey and San Luis Obispo counties, and of California and Nevada; also show the Spanish grants. (Never.) $6\frac{1}{2}$ x $12\frac{1}{2}$ folders, 1 in., in document holder and on open shelf. Attic. (Bldg. A). (373)

69. CORRESPONDENCE, BULLETINS, RECORDS, INVENTORIES, 1885 - 1925. Miscellaneous records and correspondence of the Coast and Geodetic Survey. (Never.) 9 x 12 envelopes and bundles, 4 ft. 6 in., in wooden boxes. Attic (Bldg. A). (375)

70. DAY BOOK, 1886 - 1890. Records of various events, data relative to instruments and equipment borrowed by field workers, articles purchased, payroll of personnel, and other subjects relative to the Davidson party of the Coast and Geodetic Survey. (Never.) 8 x 10 vol., 1 in., on wooden shelf. Dirty. Storeroom, rear of left wing, 4th floor (Bldg. B). (13475)

71. PHOTOGRAPHS TAKEN OF THE TOPOGRAPHIC SURVEY IN ALASKA, 1894; 1905 - 1908. Photographs pertain to the survey of the 49th parallel between Canada and the United States. (Never.) 7 x 9 and 9 x 12 loose-leaf books (20), 3 ft., on wooden shelf. Dirty. Storeroom, NE. corner, 4th floor (Bldg. B). (2064)

72. TIDE RECORDS, 1900 - 1902. Show general locality, locality of tide gauge, date, names of vessels and shore parties, time of observation, reading of tide staff, whether high or low water, sketches of bench mark, and general remarks. (Never.) $4\frac{1}{2}$ x 13

vols. (14), 7 in., on wooden shelf. Dirty. Storeroom, rear of left wing, 4th floor (Bldg. B). (13476)

73. HYDROGRAPHIC AND COAST SURVEY CHARTS, 1917. Miscellaneous hydrographic charts now obsolete; however, should be kept as a possible reference. They were formerly used by mariners for navigation information. (Never.) 30 x 48 sheets (300), 1 ft., on open shelf. Storeroom, NE. corner, 4th floor (Bldg. B). (2060)

74. CALIFORNIA AND OUT OF STATE BENCH MARKS, 1923 - 1935. Description of bench mark; duplicates for Northern and Southern California, Arizona, Nevada, Oregon and Colorado. Arranged alphabetically with numbers referring to different files. (Daily, official.) 3 x 5 folders, 3 ft. 4 in., in 5 filing cases and in 7 pasteboard boxes. R. 510 (Bldg. A). (560)

75. GENERAL OFFICE CORRESPONDENCE, 1923 - 1924. Pertains to coast survey work. (Never.) 9 x 11 bundle, 1 ft., on open shelf. Storeroom, NE. corner, 4th floor (Bldg. B). (2062)

76. GENERAL CORRESPONDENCE, 1931 to date. Includes accounts, field parties, application for employment, bids, contracts, estimates, federal business, inquiries on bench and triangulation marks, inventories on general property, geodesy bulletins, inter-office correspondence, coordination office letters, circulars, consolidated contracts, projects and miniatures of FBA, personnel, and finances. (Daily, official.) 10 x 12 folders, envelopes, and loose sheets, 16 ft., in 11 drawers of steel filing cases. Rs. 508 and 510 (Bldg. A). (551)

77. HYDROGRAPHIC AND GEOGRAPHIC DATA, 1932 - 1934. Circulars, bulletins, accounts, and correspondence; reports, maps, tabulations, and charts. (Occasionally, official.) 14 x 16 envelopes, pockets and bundles, 8 ft., in 6 cardboard boxes. Attic (Bldg. A). (306)

78. AIR CHART REPORTS AND WEATHER MAPS, 1934. Reports and weather maps by the Coast and Geodetic Survey. (Never.) 9 x 12 envelopes and bundles, 2 ft., on open shelf. Attic (Bldg. A). (303)

79. REPORTS, 1934 to date. Subject matter: reports on sun, moon and tide observations made by directors of various projects. Filed chronologically. (Daily, official.) 9 x 12 envelopes, 3 ft. 10 in., in 4 drawers of filing case. R. 508 (Bldg. A). (561)

80. INDEX, n.d. Index to maps, prints, titles, data, general information, triangulation data, books, pamphlets, and description of stations. (Daily, official.) $3\frac{1}{2}$ x 5 cards, 3 ft. 6 in., in 6 card drawers. R. 508 (Bldg. A). (562)

81. LEVELS, n.d. Subject matter: first order levels and out of state levels from Arizona to Colorado, Idaho to Nevada, New Mexico to Wyoming; relative correspondence. Arranged alphabetically by states. (Frequently, official.) 10 x 12 folders, 1 ft. 7 in., in filing case and in 8 cardboard transfer cases. R. 510 (Bldg. A). (556)

82. SURVEYORS' HAND-DRAWN MAPS, n.d. Unfinished sketches of California coast-line. (Never.) 38 x 48 rolls (5), 4 ft., on shelf. Attic (Bldg. A). (302)

TERRESTRIAL MAGNETISM AND SEISMOLOGY DIVISION
SEISMOGRAPH STATION

(A) Custom House, Washington and Battery Sts.

(B) Appraisers Bldg., Washington and Sansome Sts.

83. SEISMOLOGY OR EARTHQUAKE REPORTS, 1905 to date. Rough copies of earthquake reports, U.S. field stations, newspaper clippings and pictures, copies of letters, seismographic data, amateur seismologist's copies of earthquake cards, analyses of strong motion seismograph records in Southern California, list of earthquake epicenters, and information regarding termites as a factor in earthquake damage. (Daily, official.) 10 x 12 vol., sheets, folders and envelopes, and 5 x 6 cards, 2 ft. 4 in., in steel filing cases and in 12 drawers of card cabinets. R. 510 (Bldg. A). (558)

84. DISBURSING CHECKS WITH VOUCHERS AND RECEIPT FOR MOTOR FUEL, 1914; 1921 - 1932; 1933 - 1935. Disbursing officer's check stubs and vouchers and receipts for motor fuel purchased by this division. (Never.) 2 x 6 bundles (2), 4 in., in wooden card cabinet. R. 75 (Bldg. B). (1271)

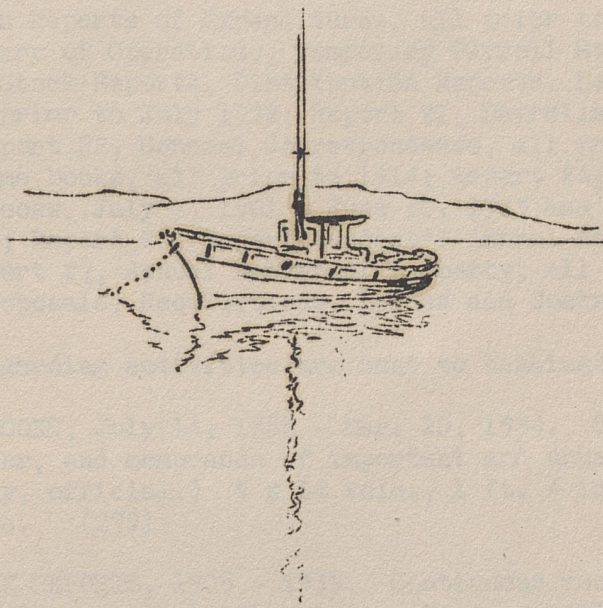
85. COMPLETED ACCOUNTS, 1933 to date. Relative to monthly statements of depository account balances, including check list, abstracts of complete expenditures and allotments, public vouchers for purchases and services other than personal. (Occasionally, official.) 5 x 10 folders, 1 ft. 6 in., in wooden filing case. R. 75 (Bldg. B). (1405)

86. OLD MISCELLANEOUS FILES, 1933 to date. Official, unofficial and personal letters, seismographic reports, annual reports, inventories, purchasing lists, estimates on labor and materials, invoices, photographs, accounts, and blueprints. (Frequently, official, public.) 10 x 12 folders and 9 x 12 envelopes and pockets, 5 ft., in 3 drawers of wooden filing case. R. 75 (Bldg. B). (1416)

87. MISCELLANEOUS INVOICES, 1934 - 1935. Relative to bills of lading memorandum receipts, vouchers to purchase, bills and short form contracts. (Never.) 12 x 12 bundles, 2 ft. 6 in., in wooden filing case. R. 75 (Bldg. B). (1419)

88. EARTHQUAKE CORRESPONDENCE INDEX, n.d. Files of information regarding earthquakes received from cooperative observers. (Frequently, official.) 2 x 3 cards, 1 ft. 6 in., in steel card cabinet. R. 75 (Bldg. B). (1417)

BUREAU
OF
FISHERIES



BUREAU OF FISHERIES

BAIRD

PROPAGATION OF FOOD FISHES DIVISION
BAIRD FISH HATCHERY
18 Miles N. of Redding, Highway 99

This hatchery was established at Baird on June 16, 1875, for the propagation of food fishes and their distribution in suitable waters in Northern California. It is located on the McCloud River and has branch hatcheries on Mill and Battle Creeks. The latter was occupied as headquarters from October 1934 to October 1935. The original building at Baird was destroyed by fire on December 26, 1924. The records destroyed are listed herewith: Report 19, Payroll Temporary Employees with Reports of Expenditures, all prior to July 1918; Report 20, Summary of Operations, Temporary Payroll Reports, Temperature Record, Stock Reports, Distribution Reports, Leave of Absence Reports, all prior to July 1922; Report 21, Payrolls, all prior to July 1924; Report 22, General Correspondence, all prior to 1922; Report 23, Time Books, all prior to 1914; Report 24, Baird Station Log Books, July 1, 1901 - June 30, 1903 and Jan. 1, 1922 - June 30, 1922; Report 26, Superintendent's Annual Report, all prior to 1916; Report 27, Annual Return of Property, all prior to 1924; Report 28, Proposals, Requisitions, Leases and Contracts, all prior to 1924.

Reports regarding activities are sent to Washington.

89. LOG BOOKS, July 14, 1888 - Mar. 20, 1934. Show date, condition of weather, and memoranda of important and unusual events. (Semi-annually, official.) 9 x 14 vols., 1 ft. 4 in., on wooden shelf. Office. (279)

90. STOCK REPORTS, 1908 - 1935. Continuous record of eggs taken and hatched and young fish liberated. (Semi-annually, official.) 9 x 14 vols., 3 in., in filing case and on wooden shelf. Office. (280)

91. TIME BOOKS, 1914 - 1936. Show name of employee, date, time worked, and rate of pay. (Semi-annually, official.) 8 x 13½ vols., 3 in., on wooden shelf. Office. (278)

92. SUPERINTENDENT'S ANNUAL REPORTS, 1916 - 1933. Complete summary of the activities of this station. (Semi-annually, official.) $8\frac{1}{2}$ x 11 folders, 3 in., on wooden shelf. Office. (281)

93. MISCELLANEOUS RECORDS, July 1918 to date. Pay rolls, reports of expenditures, vouchers; summary of operations; stock distribution; leave of absence; station reports; requisitions; leases. (Older records, semi-annually; current records, daily, official.) Various sized folders and bundles, 5 ft. 2 in., in wooden filing case, on wooden shelf and in wooden box. Office. (274)

94. GENERAL CORRESPONDENCE, 1922 - 1935. Letters to and from government and state offices and individuals pertain to various activities of this station. (Older records, semi-annually, current records, daily, official.) $8\frac{1}{2}$ x 11 envelopes and bundles, 3 ft. 2 in., in wooden filing case and on wooden shelf. Office. (275)

95. ANNUAL RETURN OF PROPERTY, 1924 - 1935. Inventory of all property held by this station. (Semi-annually, official.) $8\frac{1}{2}$ x 14 vols., 3 in., on wooden shelf. Office. (276)

96. DOCUMENT FILE, 1924 - 1935. Proposals, bids and acceptances, contracts, leases and requisitions. (Semi-annually, official.) $8\frac{1}{2}$ x 11 envelopes, 6 in., on wooden shelf. Office. (277)

97. GOVERNMENT REGULATIONS, 1926 - 1936. Instructions to stations on method and procedure to be followed in the various activities of the hatchery. Arranged alphabetically. (Daily, official.) 9 x 11 vols., 3 in., on desk. Office. (282)

SAN PEDRO

FISHERY INDUSTRIES DIVISION LABORATORY

California State Fisheries Laboratory
Seaside and Tuna Sts., Terminal Island

This agency was established in 1926. It functions as a clearing house of statistical information relative to the fishing industry generally, records the monthly catch of fish by the species, by individual boats, and compiles a specific manufacturing report of products and by-products rendered by all canneries.

The agency has jurisdiction over Southern California and the fishing grounds within cruising range of the seiners, some of whom fish off Lower California, Mexico, and is supervised by C. B. Tendick, Agent. It will have quarters in the new Federal

Building now under construction.

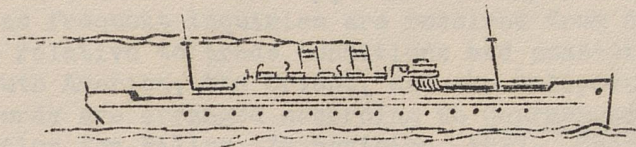
There are no useless papers, and no records are sent to Washington.

98. COMPILATION RECORDS OF CATCH OF FISH, 1926 to date. By individual boats by months and by species; rough data from which are compiled the fisheries' statistics of the State of California as published by the Bureau of Fisheries. These are summarized compilations from records collected by the California State Fish and Game Commission. Arranged chronologically. (Daily, official.) 9 x 12 folders, 12 ft., in wooden filing case. R. 7, 2d floor. (882)

99. CANNED FISHERY PRODUCTS AND BY-PRODUCTS OF CALIFORNIA, 1928 to date. Reports compiled annually, from various fishery manufacturing firms, show district, name of firm, office address, location of plant, species and style of pack, size of containers, number of cases, and value and type of gear used in the catch. Filed chronologically. (Occasionally, official.) 9 x 12 envelopes, 1 ft., in wooden filing case. R. 7, 2d floor. (883)

100. CORRESPONDENCE FILE, 1929 to date. Letters to and from Washington and various fishery agencies relative to routine matters. Arranged chronologically. (Occasionally, official.) 9 x 12 envelopes, 2 ft., in wooden filing case. R. 7, 2d floor. (881)

BUREAU
OF
FOREIGN AND DOMESTIC
COMMERCE



BUREAU OF FOREIGN AND DOMESTIC COMMERCE

LOS ANGELES

DISTRICT OFFICE DIVISION
DISTRICT MANAGER

Chamber of Commerce Bldg., 1151 South Broadway

This agency was established in Los Angeles on July 1, 1927. Its primary function is the promotion and development of the foreign and domestic commerce of the United States. In furtherance of this, it compiles and disseminates general trade information such as production and marketing reports, and business trends and trade restrictions in foreign countries. It also supplies interested industries with names of available foreign agents, and information relative to freight rates, services and facilities to aid in routing shipments most economically.

The jurisdictional territory, while mostly local, is not definable as frequent inquiries are received from distant industries relative to trade conditions and possibilities in Western South America, the Orient, and the Antipodes.

All records are arranged according to Correspondence Classification for Filing, 3d revision, 1927. Carbon copies of all out-going letters are sent to Washington daily. Washington authorizes the destruction of useless papers every five years.

101. INACTIVE EXPORTER'S FILE, 1925 to date. Correspondence, tabulations, and export listings. (Occasionally, official, public.) 10 x 15 folders, 8 in., in steel filing case. R. 206. (6)

102. CURRENT AND MISCELLANEOUS CORRESPONDENCE, Jan. 1926 - Mar. 1936. Letters, reports, telegrams and radiograms relative to the following subjects: requests, business census of 1935, radio broadcast of KHJ, spot news reports, National Emergency Council, trade relations, China and United States, trade agreements, service clubs, fan mail, and Pacific International Exposition. (Daily, official, public.) 10 x 15 folders, 19 ft., in 14 drawers of steel filing cases. R. 206. (10)

103. CHAMBER OF COMMERCE PROGRAMS FOR VISITING OFFICIALS, 1927 - 1935. Programs and correspondence of representatives while attending annual convention in Los Angeles. (Yearly, official, public.) 10 x 17 bundles, 1 ft. 9 in., on wooden shelf. R. 206. (8)

104. CORRESPONDENCE, 1927 - 1933. Catalogued as follows: domestic correspondence, telegrams and cablegrams, exporters' index, Mexico, statistics, publication orders, property and supplies, rubber, employees bureau, publicity, oils and minerals, foreign trade week, forestry, machinery and tools, delivery, credit information, and national foreign trade. (Monthly, official, public.) 11 x 16 envelopes, 3 ft. 4 in., on 3 wooden shelves. R. 206. (35)

105. ACTIVE EXPORTER'S FILE, 1927 - 1936. Correspondence, listings and tabulations. (Daily, official, public.) 10 x 15 folders, 8 in., in steel filing case. R. 206. (7)

106. TRADE REPORTS, 1927 - 1936. Correspondence, mimeographs, distribution reports, pamphlets, charts and tabulations relative to coastal trades; segregated as follows: aeronautics, agriculture, automotive, book stores, building and construction trades, clay products and pottery, drugs and chemicals, electrical supply trades, finance, foodstuffs, household goods, general power, light and fuel, general textiles, insurance, minerals and metals, plumbing and heating, sales management, transportation and handling, and wholesaling. (Daily, official, public.) 9½ x 15 and 10 x 15 folders, 6 ft. 9 in., in 6 drawers of filing cases. R. 206. (1, 2)

107. GENERAL CORRESPONDENCE, Oct. 1932 - Dec. 1935. Letters and radiograms to and from this office relative to the following subjects: radio broadcasts, Far East trade, Los Angeles Chamber of Commerce reports, weekly reports, travel in territory, appropriations, travel authorization requests, West Coast programs, Foreign Policy Association, educational aspects, expense vouchers, special Far East releases, Foreign Trade Club instituted for world affairs, National Foreign Trade Council, Food Stuffs Division, and West Coast Advisor for Far East trade. (Daily, official, public.) 10 x 15 folders and envelopes, 2 ft. 6 in., in 3 drawers of steel filing case. R. 206. (3-5)

108. COLLATION FILES, 1934 - 1935. Mimeographs, pamphlets, correspondence and press memoranda relative to the following subjects: advertising, automotive accessories, Africa, Europe, automotive accessories, Latin America, North America, building operations, commercial law, concessions, drugs and chemicals,

economic conditions, education, exchange, explosives, finance, fire losses, prevention to grain, hair and hair goods, laundry and supplies, leather and leather goods, machinery and supplies, maps and charts, motion pictures, motor boats, paving material, petroleum and by-products, radio, railways, ships and shipping, silk and silk goods, toilet articles, tourists and touring, zones, and foreign trade. (Daily, official, public.) 9 x 15 folders, 23 ft., in 4 steel drawers of filing case. R. 206. (13)

109. DOMESTIC AND FOREIGN COMMERCE, Jan. 1934 - Jan. 1936. Correspondence, bulletins and maps. (Daily, official, public.) 9½ x 15 folders, 5 in., in steel filing case. R. 206. (12)

110. TRADE REVIEW, COLLATION, 1934 - 1936. Press memoranda and correspondence on North America, Canada, Alaska, Africa, Europe and the Far East. (Daily, official, public.) 9 x 14 folders, 2 ft. 1 in., in 2 drawers of filing case. R. 206. (11)

111. RADIO BROADCAST, "TRAILS OF YANKEE TRADE", 1935 - 1936. Mimeographs, briefs, and correspondence. (Occasionally, official, public.) 10 x 15 folders, 1 ft. 4 in., in steel filing case. R. 206. (9)

SAN DIEGO

DISTRICT OFFICE DIVISION FOREIGN TRADE SECRETARY

Chamber of Commerce Bldg., 499 W. Broadway

This agency was established in San Diego in 1928. It was located in the Elks Building, Second and Broadway, until July 1930, when it was moved to the present address. It functions as an information bureau in the interests of exporters and importers. The office maintains a library of documents, bulletins and publications on subjects pertaining to foreign and domestic commerce and trade conditions. All informative papers and publications of no further need are given to the San Diego Public Library.

112. GENERAL FILES, 1933 - 1936. Bulletins, commodities information, and correspondence. (Daily, official.) 9 x 12 pockets, 22 ft., in 12 drawers of filing cases. Office. (1292)

SAN FRANCISCODISTRICT OFFICE DIVISION
DISTRICT OFFICE

Custom House, Battery and Washington Sts.

The Bureau of Foreign and Domestic Commerce was created by the legislative, executive, and judicial appropriation act approved on August 23, 1912, which consolidated under that name the Bureau of Manufactures and the Bureau of Statistics. This action by Congress was predicated on a suggestion emanating from the Department which, in September 1907, appointed a committee to inquire into its statistical work, and this committee after extensive inquiry recommended "that the Bureau of Manufactures and the Bureau of Statistics be consolidated into one bureau." The bureau thus formed was called the Bureau of Foreign and Domestic Commerce. This office of the Bureau was established about 1914 to promote foreign and domestic trade in this district which includes northern California and the States of Nevada and Utah. No records are sent to Washington and useless papers are destroyed upon permission from Washington headquarters.

District Manager's Office

113. COMMERCE REPORTS, 1893 - 1931. Miscellaneous reports and monthly summaries of foreign and domestic commerce of the United States. (Never.) 6 x 9 and 9 x 11 vols., 4 ft. 6 in., in filing case. Attic. (1092)

113a. GENERAL CORRESPONDENCE FILES, 1918 to date. Originals and copies of letters and telegrams to and from Washington headquarters, various foreign and domestic units, firms, and individuals, pertaining to foreign and domestic trade, personnel, press releases, radio talks, and subjects relative to administration of this office. Filed numerically, according to correspondence filing classification. Indexed. (Older records, rarely; current records, daily, official.) Various sized folders, bundles, and box files, 56 ft., in 2 drawers of steel filing case, in 24 drawers of wooden filing cases, and on floor in storeroom. Rs. 310, 311 and S. Attic Storeroom. (21055)

113b. MISCELLANEOUS RECORDS AND CORRESPONDENCE, 1923 to date. Form 74, Cross Reference Sheet; Form 412, Statement of Rate of Import Duty, Division of Foreign Tariffs; Standard Form 1012e, Statement of Travel by Motor Vehicle;

Standard Form 1058a, Government Bill of Lading (memorandum copy); leave card and statement of official matter mailed free of postage. See addenda for further description. Indexed. Filed numerically, according to correspondence filing classification. (Daily, official.) 9 x 15 folders, 8½ in., in steel filing case. R. 311. (21050)

113c. BUSINESS, AGRICULTURE, AND MANUFACTURE CENSUS FILES, 1933 to date. Data relating to wholesale and retail distribution, service establishments, financial and banking institutions, amusement places, transportation reports, construction, advertising agencies, etc. Filed alphabetically, by subject. (Daily, official, public.) Various sized vols., folders, and covers, 28 ft., in 14 drawers of steel filing cases. R. 311. (21054)

113d. BUSINESS INFORMATION SERVICE FILES, 1936 to date. Bulletins and circulars pertaining to domestic trade practice, catalogues, basic information sheets, and other data relating to information supplied the general public. Filed alphabetically, by subject. (Daily, official.) Various sized folders, covers, booklets, and sheets, 24 ft., in 12 drawers of steel filing cases. R. 311. (21051)

113e. SALES RECORD CARDS - PUBLICATIONS, 1937 to date. Form 468, showing date, serial number, title of publication, selling price, number received and sold, and total for month. Filed numerically, by publication series number. (Daily, official.) 5 x 8 cards, 1 ft., in card tray on desk. R. 311. (21052)

113f. MISCELLANEOUS MAPS, n. d. Colored map showing natural vegetation and topography of Australia and marketing maps of United States. (Never.) Various sized rolled maps, ½ in., on floor. S. Attic Storeroom. (21053)

Sales, Production, and Payroll Section

113g. IMPORT AND EXPORT CUSTOMS BLOTTERS, 1918 to date. Showing date, customs district, quantity, description and value of commodities, and notations. Filed chronologically. (Older records, never; current records, daily, official.) Various sized covers, loose-leaf books, and bundles, 22 ft., in wooden cabinet. S. Attic Storeroom and R. 312. (21067)

113h. GENERAL FILES, 1920 to date. Form 57, Application for Listing in Exporters' Index; Form 57a, Application for Listing in Importers' Index; Form B. O. 58, Order for Publications; Form 455, Monthly Report of Absences; Form S-600-47,

Statement as to Sales Publications; Standard Form 1012a, Public Voucher for Reimbursement of Travel and Other Expenses Including Per Diem; Standard Form 1013e, Payroll for Personal Services - Short Form (employees on annual salary basis); Standard Form 1034a, Public Voucher for Services Other Than Personal; Standard Form 1044, Schedule of Collections; Standard Form 1064, Schedule of Disbursements; Standard Form 1070, Schedules of Retirement and Disability Fund Credits; monthly statistical report and miscellaneous records. See addenda for description of forms. Filed chronologically and alphabetically, by subject. (Older records, rarely; current records, daily, official.) Various sized folders, covers, loose-leaf books, booklets, and sheets, 94 ft., in 43 drawers of wooden filing cases and in 4 drawers of steel filing case. R. 312. (21064)

Commercial Agent's Office

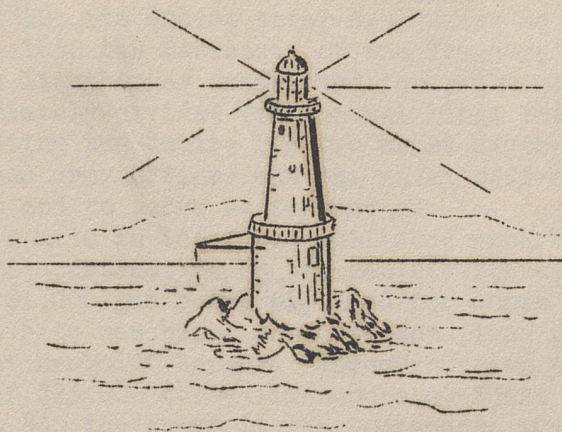
113i. INDEX TO GENERAL CORRESPONDENCE - OBSOLETE, 1922 - 1933. Showing dates letters were received and sent, file number, name of correspondent, brief description of subject, and notations. Filed alphabetically, by name of correspondent. (Never.) 3 x 5 cards, 8 ft., in 5 drawers of wooden card cabinet. R. 311-a. (21060)

113j. MISCELLANEOUS PUBLICATION FILES, 1925 to date. Foreign and domestic trade statistical statements, monthly summary of foreign commerce, publication price list, import and export opportunities, and commerce reports. Filed numerically, by publication number. (Daily, official, public.) Various sized folders, covers, and slips, 61 ft., in 11 drawers of wooden filing cases, in 15 drawers of steel filing cases, and in 7 drawers of wooden card cabinets. R. 311-a. (21061)

113k. COLLATION FILES, 1938 to date. Various publications relating to foreign and domestic trade: radios, raw material, railroads, refrigeration, motion pictures, rubber, specialties, etc.; also data regarding foreign tariff. Filed alphabetically, by name of commodity. (Daily, official, public.) 9 x 15 folders, 56 ft., in 28 drawers of wooden filing cases. R. 311-a. (21062)

113l. INDEX OF SUBSCRIBERS TO SERVICES, 1938 to date. Showing date of expiration, serial number of publication, and name and address of subscriber. Filed alphabetically, by city and numerically, by publication numbers. (Daily, official.) 3 x 5 cards, 24 ft., in 15 drawers of wooden card cabinets. R. 311-a. (21059)

BUREAU
OF
LIGHTHOUSES



INTRODUCTION

On March 3, 1851, Congress appropriated \$105,000 for the building of the first lighthouses on the Pacific coast, designating that one be built at each of the following localities in California: Point Loma, Point Conception, Monterey harbor, the Farallon Islands, Battery Point, Alcatraz Island and Humboldt harbor.

On the same date Congress authorized the formation of the first lighthouse board, a temporary organization whose duties were to be "those of inquiry." In a report dated December 26, 1851 this board stated that the construction of lighthouses on the Pacific coast had been delayed because it had been impossible to make the necessary preliminary examinations. The board also recommended an additional appropriation, as they felt that the authorized sum was inadequate and it thus would be impossible to secure contracts for the construction of the authorized lighthouses.

A second and permanent lighthouse board was authorized by Congress on August 31, 1852, its duties being designated as "one of reform." On December 22, 1852 the Secretary of the Treasury transferred to its management, the lighthouses contracted for prior to its organization. The board immediately divided the coastal lines into lighthouse districts, designating the entire Pacific coast as the 12th district, and appointed one army officer and one naval officer to assume charge of the district and to serve as inspectors.

No mention is made in the first published report of the board (1852) of actual construction on the Pacific coast, other than the statement that \$1,000 was being expended for buoys in San Francisco Bay, and that a site was being selected and plans prepared for a \$5,000 beacon at Humboldt harbor. Recommendation was made for an appropriation of \$25,000 for a lighthouse at Point Boneta (now Bonita), for \$4,800 for buoys in the Sacramento River, Humboldt harbor and additional ones in San Francisco Bay.

No further record is found of Pacific coast activities until the first district inspector's report dated July 11, 1855, and then only stating that 9 bell buoys (just introduced) had been placed, and recommending a \$60,000 appropriation for the construction of a tender to place and maintain buoys.

DISTRICT CHANGES--A new lighthouse district, the 13th, was created July 1, 1867 by dividing the 12th district at the 41st north parallel. The area from that point north to the Canadian border comprising the 13th district, and the 12th district then being from the 41st north parallel south to the Mexican border.

A report issued by the Lighthouse Board at approximately this time listed the following expenditures for navigational

aids on the Pacific coast:

lighthouses and lighted beacons . .	\$768,679
buoys and day markers	38,585
fog signals	15,500

On January 4, 1904 the Lighthouse Board ordered the 12th district to be extended to include the Hawaiian Islands. Two years later Guam, Midway and Samoan lighthouse establishments also were added. In 1910 further district changes were made and the 12th district became the present 18th district, serving only the rivers, harbors, and coastline of California.

DEPOTS--Until 1864, when the first depot for storage and maintenance was erected at Mare Island, the lighthouse service had used such facilities as were available at the Mare Island Navy Yard. In 1872 depots were established at Eureka and San Diego, and the present Yerba Buena depot was completed and occupied in 1873. The Mare Island depot then being abandoned because of its inconvenient location.

Another depot in San Francisco bay was established at Fort Point in 1875, where only engineers stores and tools were kept. This depot was discontinued in 1877, and later the Eureka and San Diego depots were used only for the storage of buoys. The Yerba Buena depot then solely served the district until the present depot at Terminal Island, Los Angeles harbor, was completed and occupied October 1, 1934.

LIGHTHOUSE TENDERS--In 1857 Congress authorized the building of a steam tender at the Philadelphia Navy Yard. This vessel, the Shubrick, was the first steam vessel to be used in the lighthouse service, the other twenty vessels then in service being sail. It is interesting to note that one of the reasons advanced by the Lighthouse Board in favor of a steam vessel for service on the Pacific coast was that "it would be useful in case of incursions of the Indians from the British Dominions in the Straits of Fuca, to protect the keepers and citizens of that quarter against their attack."

Although there is no record of there having been a need for such a service, upon arrival the Shubrick led an active and often eventful life, solely serving lighthouses placed along a 1360 mile coastline.

In 1862, laid up because of want of an appropriation, the Shubrick was loaned to the revenue service, presumably for one year, but was not transferred back to the lighthouse service until 1867. That year, carrying material for building the Cape Mendocino light station, she went ashore 30 miles below the cape and was reported a total loss. However, she was hauled ashore, and movable articles and the engine and machinery were brought overland to San Francisco. A seven-foot by eight-foot hole was patched and she was towed to the Mare Island Navy Yard for repairs in May 1868, later resuming service.

The Fern, a second tender for which Congress made an appropriation in 1870, arrived in San Francisco about 1872, followed a few years later by the Manzanita and the Madrono. Upon arrival of the Madrono, which made the 14,000 mile journey from New York in 82 days, the Manzanita was permanently transferred to the 13th lighthouse district (now the 17th district). The Sequoia and the Lupine and the launch Yerba Buena followed as earlier vessels were decommissioned or transferred to other districts.

LIGHT VESSELS--On June 11, 1896 Congress approved an appropriation of \$40,000, followed by a second appropriation of \$40,000 on June 4, 1897, for the building of a light vessel for the Pacific coast. Built at Astoria, Oregon the 400 gross ton vessel, 112 feet long, 8½ feet broad and 22 feet 1½ inches deep, arrived in San Francisco March 11, 1898. Designated as San Francisco Light Vessel (No. 70), it was anchored outside of the entrance to San Francisco harbor, the first light vessel to be used on the Pacific coast.

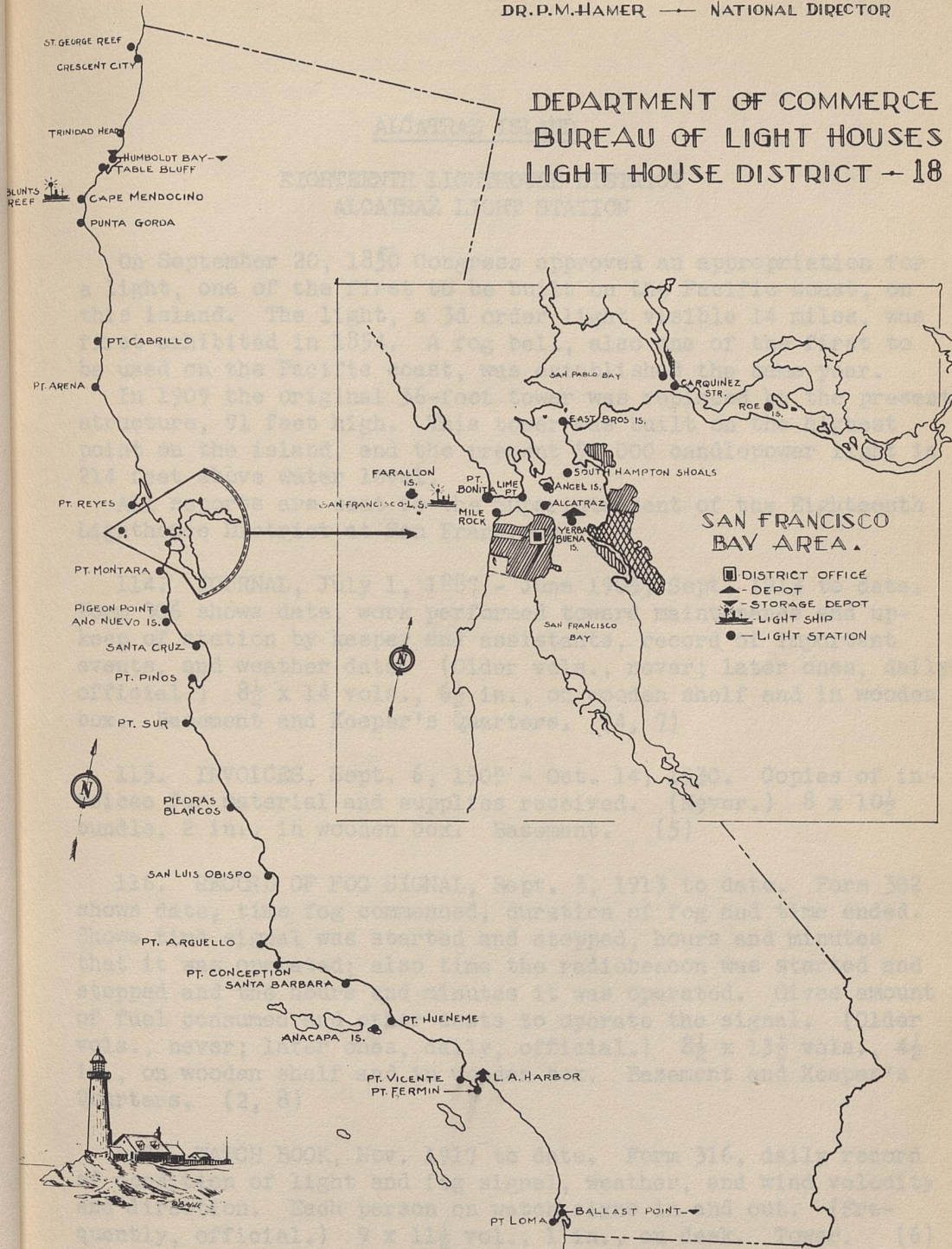
Recommendations had also been made for a similar vessel to be anchored at Blunts Reef, a dangerous area off Cape Mendocino, and for a relief vessel to replace light vessels when it was necessary to withdraw them for docking and repairs. Two appropriations of \$90,000 each for these vessels were approved by Congress on March 3, 1901 and March 3, 1903. Built on the Atlantic coast and named the Blunts Reef Light Vessel (No. 83) and the Relief (No. 76), they arrived in San Francisco on June 4, 1905.

In 1930 the first diesel-electric propelled lightship (No. 100) replaced the Blunts Reef Light Vessel (No. 83), and it in turn replaced the San Francisco Light Vessel (No. 70). No. 70 was decommissioned and sold soon thereafter.

AIRWAY DIVISION--On October 1, 1926 an officer of the lighthouse service was appointed Chief Engineer of the Airways Division, and this division was set up as a part of the lighthouse service. On June 30, 1933 this division was transferred to the Bureau of Air Commerce.

SURVEY OF FEDERAL ARCHIVES
DR. P. M. HAMER — NATIONAL DIRECTOR

DEPARTMENT OF COMMERCE
BUREAU OF LIGHT HOUSES
LIGHT HOUSE DISTRICT — 18



BUREAU OF LIGHTHOUSESALCATRAZ ISLAND

EIGHTEENTH LIGHTHOUSE DISTRICT

ALCATRAZ LIGHT STATION

On September 20, 1850 Congress approved an appropriation for a light, one of the first to be built on the Pacific coast, on this island. The light, a 3d order light visible 14 miles, was first exhibited in 1854. A fog bell, also one of the first to be used on the Pacific coast, was established the same year.

In 1909 the original 36-foot tower was replaced by the present structure, 91 feet high. This tower was built on the highest point on the island, and the present 90,000 candlepower light is 214 feet above water level.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

114. JOURNAL, July 1, 1887 - June 1905; Sept. 1913 to date. Form 306 shows date, work performed toward maintenance and up-keep of station by keeper and assistants, record of important events, and weather data. (Older vols., never; later ones, daily, official.) $8\frac{1}{2}$ x 14 vols., $6\frac{1}{2}$ in., on wooden shelf and in wooden box. Basement and Keeper's Quarters. (4, 7)

115. INVOICES, Sept. 6, 1909 - Oct. 14, 1930. Copies of invoices for material and supplies received. (Never.) 8 x $10\frac{1}{2}$ bundle, 2 in., in wooden box. Basement. (5)

116. RECORD OF FOG SIGNAL, Sept. 3, 1913 to date. Form 302 shows date, time fog commenced, duration of fog and time ended. Shows time signal was started and stopped, hours and minutes that it was operated; also time the radiobeacon was started and stopped and the hours and minutes it was operated. Gives amount of fuel consumed and other costs to operate the signal. (Older vols., never; later ones, daily, official.) $8\frac{1}{2}$ x $13\frac{1}{2}$ vols., $4\frac{1}{2}$ in., on wooden shelf and in wooden box. Basement and Keeper's Quarters. (2, 8)

117. WATCH BOOK, Nov. 1917 to date. Form 316, daily record of condition of light and fog signal, weather, and wind velocity and direction. Each person on watch signs in and out. (Frequently, official.) 9 x $11\frac{1}{2}$ vol., 1 in., on desk. Tower. (6)

118. PROPERTY RETURN, July 16, 1918 - July 1, 1926. Form 30, list of all supplies and equipment on hand at time of last report, total amount received, total on hand, amount used, items lost, amount on hand at date of current report, quantity required for following year, and remarks about condition when other than good. Shows signature of keeper certifying that the return is correct. Also another statement to be signed by both the incoming and retiring keepers when property is transferred. (Never.) 8 x 10 $\frac{1}{2}$ vol., 1 in., in wooden box. Basement. (3)

119. CORRESPONDENCE, Aug. 18, 1919 - Mar. 26, 1931. Miscellaneous correspondence; chiefly letters of instruction and information from the district superintendent. (Rarely, official.) 10 x 12 loose-leaf books, 6 in., in wooden box. Basement. (1)

ANGEL ISLAND

EIGHTEENTH LIGHTHOUSE DISTRICT ANGEL ISLAND LIGHT STATION

The first aid to navigation established on this 640-acre island in San Francisco Bay was in 1886. The present equipment consists of a 2,000 candlepower electric light and fog bell.

(not surveyed)

ANO NUEVO ISLAND

EIGHTEENTH LIGHTHOUSE DISTRICT ANO NUEVO ISLAND LIGHT STATION

In 1867 the lighthouse board recommended the establishment of a light on this island. Instead, a light was established on the mainland (see Pigeon Point Light Station). In 1872 a steam fog signal was established here, and in 1914 a 4th order light was exhibited.

(not surveyed)

EIGHTEENTH LIGHTHOUSE DISTRICT
BLUNTS REEF LIGHTSHIP

In 1898 the lighthouse board first recommended an appropriation for a light vessel to warn navigators of this dangerous reef near Cape Mendocino. These recommendations were renewed yearly, and on March 3, 1903 congress approved an appropriation of \$90,000 for this purpose.

The light vessel (No. 83) was built on the Atlantic coast, and arrived at San Francisco June 4, 1905, 110 days from New York. It was established at its station June 28, 1905.

In 1916 the crew of this lightship assisted in the rescue and care of the 212 passengers and crew of the steamer Bear, which was wrecked in a dense fog June 14th of that year.

On February 10, 1930 the original vessel stationed here was replaced by the first diesel-electric propelled lightship (No. 100). No. 83, in turn, then replaced the San Francisco Lightship No. 70.

The lighthouse service also operate a radiobeacon and distance finding station (synchronized radiobeacon and sound signals) from this vessel.

(not surveyed)

CAPETOWNEIGHTEENTH LIGHTHOUSE DISTRICT
CAPE MENDOCINO LIGHT STATION

- (A) Watch House
- (B) Keeper's Residence
- (C) Lighthouse

Congress made the first appropriation, \$40,000, for a light on this point on March 3, 1855. Construction was delayed, however, until title to the land was secured, and work on the station was not commenced until 1867.

The attempts to land building supplies upon this exposed cape proved too hazardous; part of the material was lost and a man was drowned. The balance was shipped overland from Eureka, 30 miles north, and the transportation costs exceeded the cost of the supplies. The light was then completed without further delay. The 130,000 candlepower light, 422 feet above sea level and visible for 28 miles was first exhibited on January 1, 1868.

Two suits were brought involving title to the land. The first in 1870 resulted in a nonsuit, and the second, in 1872, resulted in a decision in favor of the government.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

120. LIGHTHOUSE JOURNAL, July 18, 1878 - Apr. 30, 1908. Gives date, record of important events, and weather data. No form numbers on old vols. Entered chronologically. (Never.) 8 x 14 vols., 6 in., on top of sill. Dirty, sooty, and bindings broken. Basement (Bldg. B). (2)

121. REGISTER OF VISITORS VISITING LIGHTHOUSE, July 16, 1894 to date. Gives name, date and residence of person registering. Entered chronologically. (Frequently, public.) 12 x 18 vols., 2 in., on table. Light Compartment (Bldg. C). (6)

122. WATCH BOOK, July 17, 1895 - Sept. 16, 1898; Jan. 1, 1916 - Jan. 6, 1922. Treasury Form 316 gives date and time of watch (going on and leaving duty), condition of light and fog signal; also velocity of wind and condition of weather. Signed by keeper. Entered chronologically. (Never.) 9 x 10 and 9 x 12 vols., 4 in., on sill and in wooden cupboard. Dirty and bindings broken. Basement (Bldgs. B and C). (3, 5)

123. DAILY EXPENDITURE OF OIL, WICK AND CHIMNEYS, Jan. 1, 1907 - June 30, 1918. Treasury Form 300 gives date, time of lighting and extinguishing, length of time lighted, daily quantity of oil consumed, number of chimneys broken each night, inches of new wick used, quantity of oil set aside for house uses; also remarks on weather. These forms discontinued June 30, 1918. Entered chronologically. (Never.) 14 x 16 vols., 3 in., on sill. Dirty and bindings broken. Basement (Bldg. B). (4)

124. JOURNAL OF LIGHT STATION, May 1, 1908 to date. USDC Form 306 gives date, work performed by keeper for upkeep of station, record of important events, and weather and earthquake shocks felt. Record of absences of employees kept in back of later vols. Entered chronologically. (Old vols., never; current, daily, official.) 8 x 14 vols., 9 in., on wooden shelf. (Bldg. A). (1)

CARQUINEZ STRAITS

EIGHTEENTH LIGHTHOUSE DISTRICT CARQUINEZ STRAITS LIGHT STATION

The Lighthouse Board made their first recommendation for a light here in 1900. On March 4, 1907 Congress approved an appropriation of \$50,000 for a light and fog signal. A 4th order light and compressed air fog signal were established in 1910, the fog signal later being discontinued.

(not surveyed)

CRESCENT CITYEIGHTEENTH LIGHTHOUSE DISTRICT
CRESCENT CITY LIGHT STATION

Congress approved an appropriation of \$15,000 for this light on March 3, 1855. A 4th order light, 80 feet above sea level and visible 14 miles, was first exhibited in December 1856.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

125. GENERAL REPORTS AND MISCELLANEOUS RECORDS, Dec. 1856 - Jan. 1, 1933. Record of vessels passing vicinity of lighthouse; account of stores consumed each month; record of time light was lighted; daily expenditure of oils, wicks and chimneys; remarks on weather; correspondence and letters of instruction; monthly record of wireless telephone; USDC Form 21, yearly list of supplies; USDC Form 30, annual property return and requisition; annual return of supplies and illuminating apparatus on hand. (Never.) Various sized vols., envelopes and bundles, 3 ft., stored on "sleeper" of building structure. Dirty, torn, ink faded, bindings broken, and damaged by faulty containers. Basement. (28)

126. QUARTERLY RETURN OF EXPENDITURES OF OILS, WICKS, AND CHIMNEYS, June 30, 1867 - June 30, 1871. Form 45, same as DC Form 300, except that it is made out quarterly instead of daily. (Never.) $5\frac{1}{2}$ x $13\text{-}\frac{3}{4}$ bundle, 3 in., on top of wooden box. Dirty, ink faded, and damaged by careless handling and faulty containers. Basement. (14)

127. MISCELLANEOUS RECORDS, 1871 - 1914. General correspondence to and from superintendent of lighthouses and keepers; invoices of merchandise; Form 32, keeper's annual property return; Form 76, leaves of absence; circular letters of instruction; Form 48B, annual return of supplies. (Never.) Various sized bundles, 3 ft., in wooden box. Dirty, torn, ink faded, bindings broken, and damaged by careless handling and faulty containers. Basement. (15)

128. DAILY EXPENDITURE OF OIL, WICKS, AND CHIMNEYS; ALSO RECORD OF PASSING VESSELS, July 1, 1871 - Mar. 22, 1914. DC Form 300 shows time of lighting and extinguishing light, length of time lighted, quantity of oil consumed, number of chimneys broken, number of new wicks used, quantity of oil set aside for hand and house lamps, and remarks on the weather. Record of passing vessels shows name of vessel, and whether it docked or passed. (Never.) $13\frac{1}{4}$ x $19\frac{1}{2}$ vols., 6 in., on top of wooden and cardboard boxes. Ink faded. Basement. (13)

129. JOURNAL OF LIGHT STATION, May 1872 to date. Form 306 gives date, work performed by keeper for upkeep of station, and record of important events and weather conditions. See addenda for sample page of entries. (Older vols., never; later ones,

daily, official.) 9 x 14 vols., 6 in., on desk. Office. (26)

130. KEEPER'S ANNUAL PROPERTY RETURN AND ANNUAL REQUISITION AND RECEIPT, Aug. 31, 1911 to date. DC Form 30 shows amount of goods, equipment and supplies on hand at last return; received from all sources since last return; total received and on hand; amount expended since last return; amount returned to stores or condemned; amount on hand at date of this return; amount required for next year. Form is divided into three parts: A, B and C. "A" is property return; "B" is requisition for supplies; "C" is transfer of property. (Older records, never; current, annually, official.) 8 x 10 $\frac{1}{4}$ loose-leaf books, 8-1/8 in., in wooden box and on desk. Basement and Office. (12, 19)

131. RECORD OF INSPECTIONS, Aug. 8, 1936 to date. DC Form 307 gives date of inspection, by whom inspected, and instructions to keeper of work to be performed; statement by keeper as to work performed prior to inspection. (Occasionally, official.) 8 $\frac{1}{4}$ x 13-3/4 vol., $\frac{1}{4}$ in., on desk. Office. (20)

132. DIAGRAMS, n.d. Show appearance of sea horizon when lens and prisms are in adjustment; also of wick lamps in operation showing flames. (Never.) 9 x 14 loose sheets, 1 in., on top of wooden box. Faded. Basement. (16)

EIGHTEENTH LIGHTHOUSE DISTRICT ST. GEORGE'S REEF LIGHT STATION

This reef, lying a few miles off the northern California coast, had long been a menace to navigation, and as early as 1874, the Lighthouse Board had recommended that a light be placed there. To emphasize the need of a navigational aid on this reef they cited the loss of the S. S. Brother Jonathan in 1865. This famous early day steamer was wrecked in that locality, and 223 of the 242 passengers and crew lost their lives.

On August 8, 1882 Congress approved an initial appropriation of \$50,000 for this work, which was commenced the same year. Gales, heavy seas and other handicaps made progress slow, and the \$440,000 which had been appropriated by 1888 was still more than \$300,000 short of the estimated total cost. When completed in 1891, and the light and fog signal first exhibited on October 20 of that year, this lighthouse proved to be the costliest ever erected by the lighthouse service.

In explanation of the records being listed as they are, it should be stated that the investigator was unable to secure transportation to the light, and the keeper made out the report for him.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

133. COMPLETE LIGHT STATION RECORDS, Jan. 1, 1937 to date. Complete information of daily events and weather conditions at this station, including all details pertaining to operation and repairs. Lighthouse journal contains a complete daily report of important events at the station, including weather, work progress, officials visiting the station, visibility, absence of light keepers and any irregularity in work, equipment, or appliances. Watch books contain a daily written and signed record of going on and leaving watch, working condition of light and fog signals, weather conditions, and direction of wind. Fog signal book shows daily record of time at beginning and end of fog or smoke, and duration of same; time of starting and stopping of fog signal, amount of fuel used, monthly report of fuel used, and a general report on mechanical condition of equipment. Leaves of absence book contains monthly reports of all absences from station showing hours, dates of departure and return, for what purpose or necessity in each case, and signed and submitted to lighthouse inspector. Weather book shows a daily record of observation of fog or smoke and duration of same. Radio book contains a daily record of all messages sent and received with a brief statement of their importance and static condition of reception. Instructions to lighthouse keepers consist of letters and bulletins pertaining to routine affairs of the lighthouse service. Inspection book shows date of inspection, name of inspector, instructions to keepers regarding equipment of station, special work to be done, unsatisfactory conditions, and statement of keeper as to where and how the inspector's instructions were carried out. Correspondence comprises letters to and from the superintendent of lighthouses in San Francisco and various light stations. Keeper's annual property return and receipt shows name of the light station, district, date and signature of lighthouse keeper, articles received from all sources since last return, articles lost and on hand at this return, additional quantity of supplies required for next year, condition of property and remarks. (Older records, occasionally; current records, daily, official.) Various sized vols., loose-leaf books and bundles, 2 ft., in desk. R. 4. (40)

EUREKA

EIGHTEENTH LIGHTHOUSE DISTRICT HUMBOLDT BAY LIGHT AND FOG SIGNAL STATION

On March 3, 1851 Congress authorized an appropriation of \$15,000 for the establishment of a lighthouse on the north side of the entrance to this bay, one of the first six sites to be selected for this purpose on the Pacific coast. Construction began in 1853, and a 4th order light visible 12 miles, was first exhibited on November 1, 1856.

Congress, on March 3, 1853, also authorized a \$5,000 appropriation for a light beacon to be erected at the harbor entrance.

The 1855 annual report of the Lighthouse Board states that the beacon would be completed without delay, but following reports do not give the completion date.

Because of the action of heavy storms and high tides, extensive repairs to the lighthouse buildings were constantly necessary. The 1866 annual report states that the station was in critical condition and recommended relocation of the light. Despite the fact that the station was further damaged by earthquakes in 1878 and 1882, and by a cyclone in 1884, it was not until March 2, 1889 that Congress authorized relocation of the light. An appropriation of \$25,000 followed a year later, when a site was selected at Table Bluff, at the south side of the bay and approximately five miles from the present light (see Table Bluff Light Station).

The new station was completed in 1892, and beacon lights were then placed near the site of the original light. The same year the Lighthouse Board recommended an appropriation for a fog signal to be located near the old site and these recommendations were repeated until Congress authorized an appropriation of \$15,000 for this purpose on June 30, 1906. This fog signal was placed in operation in 1908.

A radio direction finder station, operated by the Department of the Navy, is also maintained here.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

134. GENERAL CORRESPONDENCE, Feb. 1930 to date. Originals and copies of letters between this station and superintendent of lighthouses; includes reports, telegrams, and requisitions. Filed chronologically. (Daily, official.) $8\frac{1}{2}$ x 11 vols., 6 in., on desk. Office. (10)

135. JOURNAL OF LIGHT STATION, Feb. 1930 to date. Form 306 shows date, work performed by keepers, and record of important events, weather conditions, and unusual occurrences. Filed chronologically. (Daily, official.) 9 x 14 vol., 2 in., on desk. Office. (8)

136. RECORD OF ABSENCES, Feb. 1930 to date. Shows name of person, date and hour of departure and return, and purpose or necessity of absence. Filed chronologically. (Daily, official.) 9 x 14 vol., 1 in., on desk. Office. (6)

137. RECORD OF INSPECTIONS, Feb. 1930 to date. Indicates name of inspector, date of inspection, instructions to keeper, special work to be done, conditions noted, and statement of keeper as to when and how inspector's instructions were carried out. Filed chronologically. (Daily, official.) 9 x 14 vol., 1 in., on desk. Office. (7)

138. RECORDS OF FOG SIGNAL, Feb. 1930 to date. Form 302 shows day of month, time fog commenced and ended, duration of fog, and number of minutes fog signal sounded; also contains

monthly statement of supplies for fog signal such as coal, oil and gasoline. Filed chronologically. (Daily, official.) 9 x 14 vol., 1 in., on desk. Office. (9)

139. WATCH BOOK, Feb. 1930 to date. Shows date, time at watch, condition of light, unusual weather conditions, and signature of employee signing at beginning and end of watch. (Daily, official.) 9 x 14 vol., 1 in., on desk. Office. (5)

FARALLON ISLANDS

EIGHTEENTH LIGHTHOUSE DISTRICT

FARALLON ISLAND LIGHT STATION

(A) Light Keeper's Residence

(B) Storehouse

This light station, noted for its isolation, is situated on the largest of a group of rocky islands which lie approximately 30 miles west of the entrance to San Francisco Bay.

Funds for the establishment of the light and fog signal were available in 1852, but because of delays in erecting the station, the light and fog signal were not established until 1855.

The present powerful 2,200,000 candlepower light is 358 feet above water, and is visible for 26 miles.

The lighthouse service also operates a radiobeacon and distance finding station (synchronized radiobeacon and sound signals) here, and the Department of the Navy maintains a radio direction finder station on the island.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

140. JOURNALS, Mar. 14, 1872 to date. Show date, record of work performed by keeper and assistants, important events, and report on condition of the weather. (Older records, rarely; later ones, daily, official.) Various sized vols., 3 ft. 7 in., on wooden shelf and in desk. Storeroom and Keeper's Quarters (Bldgs. A and B). (1, 8)

141. WATCH BOOKS, 1885 to date. Form 316, daily record of watches, signed in and signed out; gives record of condition of light and fog signals during watch; also weather and wind data. (Older vols., rarely; current vol., daily, official.) 9 x 11½ vols., 2 ft., on wooden shelf. Storeroom (Bldg. B). (10)

142. OFFICIAL COMMUNICATIONS, 1903 - 1937. Correspondence and copies of circular letters and instructions received from the superintendent. (Rarely, official.) 8 x 10½ sheets in manila envelope, 1½ in., on wooden shelf. Storeroom (Bldg. B). (3)

143. CIRCULAR LETTERS, 1912 - 1938. Copies of bulletins, orders received, and miscellaneous correspondence. (Rarely, official.) 8 x 10½ sheets in manila envelope, 1½ in., on wooden shelf. Storeroom (Bldg. B). (6)

144. ANNUAL LEAVE RECORD, Mar. 10, 1924 - Aug. 12, 1937. Form 76, signed request for leave of absence; signed approval (by superintendent) showing duration and dates of leave, and final report by applicant showing date leave began, date of return, and period of absence. (Rarely, official.) 8 x 10½ sheets in manila envelope, 1 in., on wooden shelf. Storeroom (Bldg. B). (9)

145. RECORD OF PHYSICAL EXAMINATIONS, Sept. 26, 1924 - Nov. 8, 1932. Form 206, request of superintendent to medical officer to examine keeper or assistants; signature of applicant; certification of examination signed by medical officer; record of result of examination by medical officer, and reasons for disqualification, if any. (Never.) 8 x 10½ sheets in manila envelope, 1/2 in., on wooden shelf. Storeroom (Bldg. B). (7)

146. ANNUAL PROPERTY RETURN, 1929 - 1937. Form 30, list of all supplies and equipment on hand at time of last report, total amount received, total on hand, amount used, items lost, amount on hand at date of current report, quantity required for following year, and remarks about condition when other than good. Shows signature of keeper certifying that the return is correct. Also another statement to be signed by both the incoming and retiring keepers when property is transferred. (Rarely, official.) 8 x 10½ vols., 4 in., on wooden shelf. Storeroom (Bldg. B). (4)

147. BIDS AND INVOICES, Aug. 1933. Copies of bid on electrical equipment, and invoices for same. (Never.) 8½ x 11 sheets in manila envelope, 1 in., on wooden shelf. Storeroom (Bldg. B). (5)

148. REPORTS, n.d. Form 307, record of inspection. Shows name of inspector, date inspection made, instructions to keeper of work to be done, and statement by keeper as to action taken on instructions. Form 302, fog signal record shows date, time fog commenced and ended, time signal was started and stopped, and hours and minutes it operated. Time radiobeacon started and stopped and hours and minutes it operated. Record of fuel consumed and other costs of operating signal. (Daily, official.) 8 x 10½ vols., 2½ in., in desk. Keeper's Quarters (Bldg. A). (2)

FORT BAKER

EIGHTEENTH LIGHTHOUSE DISTRICT
LIME POINT LIGHT STATION

This station was established in 1883. It is situated on the Marin County (northern) shore, several miles inland from the entrance to San Francisco Bay. The light has a visibility of nine miles. The original steam fog signal has been replaced by a diaphone signal.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

149. LIGHT STATION JOURNAL, Sept. 8, 1883 to date. Complete record of important events, including weather, work in progress, officials visiting the station, visibility of light and buoys, and absence of keeper. (Occasionally, official.) $8\frac{1}{2}$ x 14 vols. (5), 5 in., in wooden box and in desk drawer. Attic and Signal Room. (3732)

150. CORRESPONDENCE, CIRCULARS AND INSTRUCTIONS, 1889 to date. From various lighthouse headquarters relative to the operation and maintenance of this light and signal station. (Older records, never; current records, frequently, official.) Various sized envelopes (34) and stub files (2); 10 in., in wooden box and in desk drawer. Attic and Signal Room. (3723)

151. REGISTER OF VISITORS, 1894 - 1922. Record of persons who have visited the station; shows date, signature of visitor, and residence. (Never.) 11 x 18 vol., 2 in., on floor. Damaged by rodents, careless handling, brittle, dirty, and binding broken. Attic. (3733)

152. ACCOUNT OF SUPPLIES RECEIVED AND CONSUMED, July 1, 1901 - July 1, 1911. Form 303, account of supplies received and consumed, and equipment received and rendered useless. (Never.) 14 x $16\frac{1}{2}$ vols. (4), 1 in., in pasteboard box. Attic. (3729)

153. WATCH BOOK, Aug. 27, 1901 to date. Daily record of time of watch, condition of light and fog signal, and keeper on duty; shows date, time of going on and leaving watch, and starting and stopping of fog whistle. (Occasionally, official.) 9 x $11\frac{1}{2}$ vols. (8), 7 in., in wooden box. Attic. (3734)

154. KEEPER'S ANNUAL PROPERTY RETURN, June 30, 1903 - June 30, 1908; June 30, 1911; July 1, 1912 - Jan. 23, 1936. Forms 30 and 32, record of public property on hand at date of last return, amount received and expended during year, and amount remaining on hand; shows name and number of articles, and remarks. Includes form for receipt of transfer of property in the event of a new keeper taking charge. (Occasionally, official.) 8 x 10 and $8\frac{1}{2}$ x 14 pamphlets (29), $2\frac{1}{2}$ in., in wooden box and in desk drawer. Attic and Signal Room. (3728, 3731)

155. RECORD OF FOG SIGNALS, Mar. 1, 1905 to date. Form 306 shows date, time fog commenced and ended, time fog signal started and stopped, air or steam pressure maintained, fuel oil consumed, time electric siren at Pt. Diablo started and stopped, and monthly statement of supplies for fog signals. (Occasionally, official.) 8 x 13 vols. (19), 6 in., in wooden box. Attic and Signal Room. (3725)

156. DAILY EXPENDITURE OF OIL, WICKS AND CHIMNEYS, Oct. 1, 1908 - June 30, 1912. Form 300, account of oil, wicks and chimneys expended daily at this station, and record of time of lighting and extinguishing light, length of time lighted each night, and remarks on weather. (Never.) 14 x 16½ vol., 1/2 in., in wooden box. Attic. (3727)

157. INVOICE OF ARTICLES, 1912 - 1927. Copies of invoices of articles shipped to light station from the lighthouse inspector's office, and from private firms for articles delivered to station. (Never.) 4½ x 10 bundles (2), 6 in., in wooden box. Attic. (3722)

158. KEEPER'S ANNUAL REQUISITIONS, 1916 to date. Form 36, record of articles required for the ensuing year. Shows name of article, amount on hand at last return, and amount expended since last return. (Older records, never; current records, occasionally, official.) 8 x 10½ pamphlets (15), 1 in., in desk drawer. Signal Room. (3726)

159. CHARACTERISTICS OF LIGHT AND FOG SIGNAL, 1936 to date. Characteristics of light show type of lens, candlepower, and flashing time; for signal, type of signal and schedule of blasts. (Daily, official.) 9 x 11 sheet, in frame hanging on wall. Fog Signal Room. (3724)

160. FOG SIGNAL CHARTS, 1936 to date. For Marsh Recording Gauge. Show station, date, time signal ran, unit used in fog signal operation, test runs, and other operations of fog signal. These records are sent to headquarters at end of each month. (Daily, official.) 8 in. disc sheets, 6 in., in chart box on wall. Fog Signal Room. (3730)

FORT BARRY

EIGHTEENTH LIGHTHOUSE DISTRICT BONITA POINT LIGHT STATION

A recommendation for appropriation for a lighthouse at this point was included in the first report of the Lighthouse Board in 1852. Congress approved a \$25,000 appropriation on March 3, 1853, and that year examinations and surveys of the site were

begun under the direction of the Coast Survey. Construction was started in 1854, and the following year a fixed 2d order light, visible 24 miles, was exhibited. The tower was 85 feet high and stood 306 feet above sea level.

The light was too high for efficient visibility, and in 1875, the Lighthouse Board requested an appropriation of \$25,000 for its relocation. This was granted the following year and was followed by a second appropriation in 1877. The tower was removed to a lower level, and a 118-foot tunnel connecting the tower and fog signal station was constructed. The light is now 124 feet above sea level.

The first fog signal used in California, a ten-pound smooth bore iron cannon which was fired at intervals during foggy weather, was installed on this point. This was replaced by a steam fog signal which was first put in operation on May 29, 1872. This fog signal was severely damaged by a storm in January, 1874, and it was stopped for three months while being moved to a new location. Later, in 1903, it was again moved following issuance of a license by the War Department for permission to use the land for that purpose, to the extreme end of the point where the signal proved more effective. The lighthouse service also operates a radiobeacon from this point.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

161. COPIES OF PUBLIC LETTERS SENT, AND RECEIPT BOOK, 1858 - 1883. From 1858 - 1871 this book was used for copies of public letters sent by the keeper. From 1871 - 1883 it was used to show quarterly receipt of supplies and equipment for the operation of the station, and the disbursement of same shown semi-annually, with inventories. (Never.) 8 x 12 vol., 1 in., on table. Watch Room. (3738)

162. JOURNAL OF LIGHT STATION, 1872 to date. Shows work performed by keepers for upkeep of station, record of important events, weather condition by month and day, and signature of keeper on watch. (Older records, seldom; current records, daily, official.) 8-3/4 x 14 1/2 vols. (10), 3 ft., on table. Fog Signal Room. (3739)

163. RECORD OF FOG SIGNALS, 1872 to date. Shows day of month, time fog commenced and ended, duration, type of signal used, time started and stopped sounding, length of time signal was operated, average pressure of air maintained, and monthly statements of supplies for fog signals. (Older records, seldom; current records, daily, official.) 8 1/2 x 13 1/2 vols. (30), 3 ft., on table. Fog Signal Room. (3740)

164. ACCOUNT OF ABSENCES, 1877 to date. Shows name, date, hour of departure, date and hour of return to duty. (Older records, seldom; current records, daily, official.) 5 x 8 vols. (8), 1 ft., on tables. Watch Room. (3744)

165. DAILY EXPENDITURE OF OIL, WICKS AND CHIMNEYS, 1878 - 1911. Shows time of lighting and extinguishing light, length of time lighted, daily quantity of oil consumed by lamps in lighthouse,

number of chimneys broken each night, inches of new wick expended, quantity of oil set aside for hand and house lamps, and remarks on weather. (Never.) 14 x 18 vols. (18), 3 ft., on table. Watch Room. (3737)

166. WATCH BOOKS, 1878 to date. Show date, time of going on and leaving watch, condition of light, condition of fog signal, and signature of keeper. (Older records, seldom; current records, daily, official.) 9 x 11½ vols., 2 ft., on tables. Lobby and Fog Signal Room. (3743)

167. REGISTER OF VISITORS, 1892 - 1931. Shows signature and address of visitors to this station. (Never.) 10½ x 18 vol., 2 in., in wooden cabinet. Lobby. (3741)

168. RECORDS OF INSPECTION, 1926 to date. Show date station was inspected, name of inspector, instructions to keeper concerning condition of station, special work to be done, statement by keeper of action taken on above instructions showing date of completion of repairs, if any. (Yearly, official.) 8½ x 13½ vols. (2), 6 in., on tables. Lobby and Fog Signal Room. (3742)

169. CHARACTERISTICS OF LIGHT AND FOG SIGNALS, 1936 to date. Characteristics of light show type of lens, candlepower of light, and time of flash; for fog signal, type of signal and schedule of blasts. (Daily, official.) 9 x 11 sheet, in frame hanging on wall. Fog Signal Room. (3736)

170. FOG SIGNAL CHART, 1936 to date. For Marsh Recording Gauge. Shows station, date, time fog signal ran, unit used in fog signal operation, test runs, and other operations of fog signal. These records are sent to headquarters at end of each month. (Daily, official.) 8 in. disc, 6 in., in chart box on wall. Fog Signal Room. (3735)

HUENEME

EIGHTEENTH LIGHTHOUSE DISTRICT HUENEME LIGHT STATION

Congressional authorization for a navigational aid in this area is mentioned as early as 1857 in reports of the Lighthouse Board, but it was not until June 10, 1872 that \$10,000 was authorized and approved for the establishment of a fog signal station.

This appropriation reverted to the Treasury when, two years later, \$22,000 was appropriated for a 4th order light. Proceedings in condemnation of a site had been instituted some years previously, and a decision was rendered in favor of the government on November 3, 1873. Work on the light station commenced on April 25, 1874, and the light was first exhibited on December

15, 1874. An appropriation of \$7,000 for a fog signal had also been authorized, and the signal was being placed in operation at approximately the same time.

A radio direction finder station maintained by the Department of the Navy is also located here.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

171. FOG SIGNAL RECORD, 1874 to date. Form 302, daily log of the fog hours surrounding this station. (Older records, rarely; current book, daily, official.) $8\frac{1}{2}$ x 13 vols. (11), 1 ft., in wooden cabinet. Office. (1)

172. REGISTER OF VISITORS, 1894 - 1935. Discontinued. (Never.) 12 x 18 vol., 1 in., in wooden cabinet. Office. (4)

173. GENERAL CORRESPONDENCE, 1912 to date. Between this office and San Francisco headquarters. (Occasionally, official.) $8\frac{1}{2}$ x 11 loose sheets, 1 ft., in wooden cabinet. Office. (3)

174. JOURNAL OF LIGHT STATION, Jan. 1912 to date. Form 306, routine record of events at this station, and record of general weather conditions. (Older journals, rarely; current book, daily, official.) 8 x 14 vols. (13), 6 in., in wooden cabinet. Office. (2)

LOLETA

EIGHTEENTH LIGHTHOUSE DISTRICT

TABLE BLUFF LIGHT STATION

(A) Fog Signal Station House

(B) Keeper's Residence

This light station is located at the south entrance to Humboldt Bay, approximately 5 miles northwest of the town of Loleta. The Lighthouse Board first recommended the establishment of a light on this site in 1867 because of the poor location of the original light at the north entrance to the bay (see Humboldt Bay Light and Fog Signal Station). These recommendations were repeated until 1889, when Congress authorized the transfer of the light to the present site. The light was first exhibited on October 31, 1892, and the original station was then abandoned.

A radio direction finder station maintained by the Department of the Navy is also operated from this point.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

175. CHART OF ST. GEORGE'S REEF AND PORT CRESCENT CITY, 1875. Shows soundings and tide readings. (Daily, official.) 18 x 24 map, on wall. Fog Signal Room (Bldg. A). (19)

176. MAP OF PACIFIC COAST FROM SAN FRANCISCO BAY TO STRAIT OF JUAN DE FUCA, 1888. Shows lights, fog signals, and coast villages. (Daily, official.) $30\frac{1}{2}$ x 43 map, on wall. Fog Signal Room (Bldg. A). (18)

177. PACIFIC COAST MAP, June 1891. Chart of Cape Mendocino and Port St. George shows lights, buoys, tide readings, and soundings. (Daily, official.) 30 x 40 map, on wall. Fog Signal Room (Bldg. A). (2)

178. GENERAL CORRESPONDENCE, Jan. 1, 1893 - Jan. 1, 1920. Incoming correspondence, circulars, and rules and regulations. (Never.) $9\frac{1}{2}$ x $11\frac{1}{2}$ folders, 5 in., in desk. Fog Signal Room (Bldg. A). (15)

179. WATCH BOOK, 1899 to date. USDC Form 316, record of each watch shows name of person on watch, time period, date, condition of fog signal, and signature of keeper. (Older records, rarely; current records, daily, official.) 9 x $11\frac{1}{2}$ vols., 9 in., in desk. Fog Signal Room (Bldg. A). (12)

180. SEABOROUGH'S MAP OF CALIFORNIA, 1904. Shows the counties, townships, cities, villages, post offices, principal highways, and railroads. (Daily, official.) 42 x 50 map, on wall. Fog Signal Room (Bldg. A). (17)

181. LIGHTHOUSE SERVICE BULLETINS, Feb. 1912 - Dec. 1917. Editions from 2 to 72. (Occasionally, official.) 6 x 9 booklets, $1\frac{1}{2}$ in., in desk. Fog Signal Room (Bldg. A). (16)

182. RECORD OF FOG AND OTHER DATA, Oct. 1913 to date. USDC Form 302, record of fog determined by visibility for approximately 5 miles at sea. USDC Form 65, monthly report; also a report of absences of employees. (Older records, never; current records, daily, official.) $8\frac{1}{2}$ x $13\frac{1}{2}$ vols., on desk and in cupboard. Fog Signal Room (Bldg. A) and Office (Bldg. B). (6, 13)

183. KEEPER'S ANNUAL PROPERTY RETURN, Dec. 1913 to date. USDC Form 30, list of all property on hand, condition of property, supplies consumed, and amount required for the following year. (Older records, never; current records, frequently, official.) 8 x 10 booklets, 5 in., in desk and in cupboard. Fog Signal Room (Bldg. A) and Office (Bldg. B). (5, 14)

184. INCOMING CORRESPONDENCE AND INVOICE OF SUPPLIES, May 20, 1920 to date. Pertains principally to regular business with headquarters at San Francisco. (Occasionally, official.) 8 x $10\frac{1}{2}$ sheets, 2 in., on table. Office (Bldg. B). (7)

185. DAILY JOURNAL OF LIGHT STATION, Jan. 1923 to date. Record of events and weather conditions. (Occasionally, official.) 9 x 14 vols., 2 in., in cupboard. Office (Bldg. B). (8)

186. RECORD OF INSPECTION, Sept. 22, 1926 to date. Form 307, statement of keeper regarding repair of buildings and equipment;

also contains reports of annual inspection of records, equipment, and buildings by lighthouse inspector. (Occasionally, official.) $8\frac{1}{2}$ x 14 vol., $1\frac{1}{2}$ in., on table. Office (Bldg. B). (9)

187. SURVEY OF PUBLIC PROPERTY, Sept. 22, 1926 - May 23, 1935. Annual survey shows list of equipment on hand at this station. (Occasionally, official.) 8 x $10\frac{1}{2}$ sheets, $1\frac{1}{2}$ in., on table. Office (Bldg. B). (4)

MENDOCINO CITY

EIGHTEENTH LIGHTHOUSE DISTRICT POINT CABRILLO LIGHT STATION (A) Light and Fog Signal Station (B) Keeper's Residence

Although the first recommendation for a light on Point Cabrillo is found in the 1873 annual report of the Lighthouse Board, it was not until 1906 that Congress authorized the construction of a light and a fog signal here.

A \$25,000 appropriation was authorized on June 30, 1906, and \$25,000 more on March 4, 1907. The station was completed and the aids established on June 10, 1909.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

188. CORRESPONDENCE, 1889 to date. Circular letters and letters of instruction from district headquarters; naval officers, and superintendent of lighthouses. (Older records, never; current records, occasionally, official.) 8 x 10 and 9 x 11 folders, 6 in., in cupboard. Office (Bldg. A). (4)

189. DAILY EXPENDITURES, June 10, 1909 - May 31, 1913. Show daily expenditure of oils, wicks, and chimneys. (Never.) $13\frac{1}{2}$ x $16\frac{1}{2}$ vol., $1\frac{1}{2}$ in., in wooden locker. Closet (Bldg. B). (5)

190. WATCH BOOK, June 10, 1909 to date. USDC Form 316 shows date, time of watch, condition of light, statement of unusual weather conditions, and signature of employee signing at beginning and end of watch. (Older records, never; current records, daily, official.) 9 x $11\frac{1}{4}$ vols., 6 in., in wooden cupboard. Office (Bldg. A). (8)

191. STATION JOURNAL, June 1917 to date. USDC Form 306 shows date, work performed at station, and daily observation of weather. (Older records, never; current records, daily, official.) 9 x 14 vols., 3 in., on wooden desk. Office (Bldg. A). (7)

192. KEEPER'S ANNUAL PROPERTY RETURN, REQUISITION, AND RECEIPT. 1923 to date. USDC Form 30, inventory of supplies expended and on hand, estimate of additional quantities required for following year, and record of requisitions and receipts sent to district office annually. (Yearly, official.) 7-3/4 x 10 loose-leaf books, 4 in., in wooden cupboard. (Bldg. A). (3)

PALOS VERDES ESTATES

EIGHTEENTH LIGHTHOUSE DISTRICT
POINT VICENTE LIGHT STATION

An appropriation of \$80,000 was approved for the construction of this light and fog signal on July 1, 1916. The site was under controversy, and because of the possibility of a condemnation suit work on the station was not commenced until 1921. The fog signal was established in 1925 and the light first exhibited in 1926.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

193. KEEPER'S ANNUAL PROPERTY RETURN, REQUISITION, AND RECEIPT. June 1925 to date. Form 30 shows name of lighthouse station, district, date, signature of lighthouse keeper, name of article or unit, amount on hand per last return, received from all sources since last return, lost, on hand at date of this return, additional quantity required for next year, and remarks on condition. Arranged chronologically. (Occasionally, official.) 8 x 10 vols. (13), 1 in., on shelf. 1st floor, S. center. (12)

194. RECORD OF FOG SIGNALS, June 1925 to date. Form 302 shows day of month, time signal commenced and ended, duration of fog, snow, or smoke in hours and minutes, and hours and minutes the signal was sounded. Same data given for radiobeacons and submarine signals, if any. Monthly statement of supplies for fog signals such as coal, oil and gasoline. Recorded chronologically. (Occasionally, official, public.) 9 x 15 vols. (6), 2 in., on shelf. 1st floor, S. center. (10)

195. WORK ORDER AND REPORT, June 1925 to date. Form 22, orders from superintendent of lighthouses for improvements or other work to be done at this station; also plans or blue prints for same, if necessary. Arranged chronologically. (Occasionally, official.) 9 1/2 x 12 envelopes, 1 in., on wooden shelf. 1st floor, S. center. (11)

196. JOURNAL OF LIGHT STATION, June 24, 1925 - Sept. 10, 1936. Form 306, log of station shows date, work done by keeper for upkeep of station, record of important events, weather conditions, and unusual occurrences. Arranged chronologically. (Daily, official.) 9 x 14 vol., 8 in., in closet. 1st floor, S. center. (14)

197. PURCHASE ORDERS, June 24, 1925 - Sept. 10, 1936. Form 85, orders for articles or services gives purchase order number, name of firm from which bought, number of item, quantity, description of article or service, price, method of purchase, whether by contract, written proposal or open market, to whom delivered or consigned, and signature of superintendent of lighthouses; Form 27, invoice of supplies and service shows address of consignee, invoice number, how shipped and by whom, number of package, description of article, quantity, unit, unit price, price for each item and total. Filed chronologically. (Occasionally, official.) 8 x 10 $\frac{1}{2}$ covers, 1 in., on shelf in closet. 1st floor, S. center. (18)

198. RECORD OF ABSENCES, June 24, 1925 - Sept. 10, 1936. Form 303 shows name of person who left station, date and hour of departure and return, and purpose or necessity of absence. Filed chronologically. (Occasionally, official.) 8 $\frac{1}{2}$ x 14 vol., 3 in., on shelf. 1st floor, S. center. (16)

199. RECORD OF INSPECTIONS, June 24, 1925 - Sept. 10, 1936. Form 307 shows date of inspection, name of inspector, instructions to keeper regarding condition of station, special work to be done, unsatisfactory conditions noted, and statement of keeper as to when and how the inspector's instructions were carried out. Filed chronologically. (Daily, official.) 8 $\frac{1}{2}$ x 14 vol., 1 in., on shelf in closet. 1st floor, S. center. (15)

200. SHORE LIBERTY OR LEAVES OF ABSENCE OF KEEPERS, June 24, 1925 - Sept. 10, 1936. Form 76 (1), request for leave of absence gives name and address of employee requesting leave, and signature of keeper; (2) authority for leave signed by superintendent of lighthouses; (3) final report gives dates of departure and return, period of absence, period charged, and signature of keeper in charge. Filed chronologically. (Rarely, official.) 9 $\frac{1}{2}$ x 12 folders, 1 in., on shelf. 1st floor, S. center. (17)

201. WATCH BOOK, June 24, 1925 - Sept. 10, 1936. Form 316 shows date, time of watch (going or coming), condition of light and fog signal, and signature of keeper. Arranged chronologically. (Daily, official.) 9 x 11 $\frac{1}{2}$ vols. (3), 8 in., on shelf in closet. 1st floor, S. center. (13)

202. CORRESPONDENCE FILE, June 1935 to date. Letters to and from various lighthouse stations and superintendent of lighthouses in San Francisco. Arranged chronologically. (Occasionally, official.) 9 x 11 loose sheets, 9 in., in 3 letter files on shelf. 1st floor, S. center. (9)

PESCADEROEIGHTEENTH LIGHTHOUSE DISTRICT
PIGEON POINT LIGHT STATION

A light at this point was first recommended by the Lighthouse Board in 1857, the estimated cost to be \$36,311. No mention of any action on the original recommendation is found in following reports of the Board until 1869. In this it states that two sites had been under consideration, one at Pigeon Point on the mainland and one on Ano Nuevo Island (see Ano Nuevo Island Light Station) about 6 miles south of Pigeon Point. Both were owned by the same people. Nothing is said of an original appropriation for this light, but the annual report of 1871 states that Congress approved an appropriation on March 3, 1871 for the necessary funds to complete the station.

The steam fog signal was first operated on September 10, 1871, and the light first exhibited on November 15, 1872.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

203. RECORD OF FOG SIGNALS, 1871 to date. Form 302 shows date, duration of fog period with time of beginning and ending, duration of signal period with time of beginning and ending, kind of signal used, radiobeacon or submarine signals, if any, used during fog period. Monthly statement of supplies for fog signals, and remarks. (Older records, never; current records, daily, official.) 8 x 16 vols., 9½ in., in wall cabinet and in desk. Storeroom and Office. (9, 17)

204. WATCH BOOKS, 1871 to date. Form 316, record of change of watches shows time on duty of each watch while light is in operation, condition of light, electric current used, and use of emergency light if any. (Older records, never; current records, daily, official.) 8 x 14 vols., 1 ft. 8 in., in wall cabinet and in desk. Storeroom and Office. (5, 16)

205. LIGHT STATION JOURNAL, 1875 to date. Form 306, record of work and duties performed. (Older records, never; current records, monthly, official.) 8 x 16 vols., 3 in., in desk. Storeroom and Office. (8, 14, 20)

206. RECORD OF PASSING VESSELS, 1876 - 1890. Journal of vessels which passed in vicinity of this lighthouse. (Never.) 8 x 16 vol., 1 in., in wall cabinet. Storeroom. (18)

207. REGISTER OF VISITORS, 1893 - 1917. Record of visitors to lighthouse. (Never.) 8 x 11 vol., 1 in., in wall cabinet. Storeroom. (19)

208. CIRCULAR LETTERS, 1901 to date. Instructions and regulations relative to lighthouse service. (Occasionally, official.) 9 x 11½ vols., 1 ft. 2 in., in desk. Office. (4)

209. RECORD OF FOG SIGNALS, 1917 to date. Form 65, monthly report of fog signals. (Never.) 8 x 10 $\frac{1}{2}$ vols., 1 $\frac{1}{2}$ in., in desk. Storeroom. (15)

210. RECORD OF INSPECTIONS, Mar. 1926 to date. Form 307, record of inspections, and recommendations made as a result of inspection. (Rarely, official.) 8 x 16 vol., 1/2 in., in desk. Office. (6)

211. RECORD OF ABSENCES, 1928 to date. Form 303, record of personnel leaves of absence. (Occasionally, official.) 8 x 16 vol., 1/2 in., in desk. Office. (7)

212. FOG REPORT, July 1933 to date. Form 65, monthly report of fog signals. (Monthly, official.) 8 x 10 $\frac{1}{2}$ vol., 1 in., in desk. Office. (10)

213. FOG SIGNAL CARDS, Jan. 1936 to date. Fog signal instrument recordings. (Daily, official.) 7 in. discs, 9 in., on desk. Office. (12)

214. KEEPER'S PROPERTY STATEMENT, 1936 to date. Form 30, keeper's annual property return, requisition, and receipt. (Occasionally, official.) 8 x 10 $\frac{1}{2}$ vol., 1/2 in., in desk. Office. (11)

PETROLIA

EIGHTEENTH LIGHTHOUSE DISTRICT PUNTA GORDA LIGHT STATION

The Lighthouse Board made their first recommendation for funds for a lighthouse at this site in 1887. These recommendations continued in subsequent reports until 1907, congress finally appropriating \$60,000 for this purpose on May 27, 1908.

Steps were then taken to acquire a site and right of way, and contracts were let for the tower and dwellings. A 4th order light, visible 14 miles, was first exhibited on June 22, 1911.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

215. JOURNAL OF LIGHT STATION AND RECORD OF ABSENCES, June 22, 1911 to date. USDC Form 306, record of daily work performed by keeper and assistants, important events, and record of weather. (Old vols., never; current vol., daily, official.) 8 x 14 vols., 6 in., in storage closet. Keeper's Office. (5)

216. RECORD OF ABSENCES, June 22, 1911 to date. USDC Form 303 gives name of employee absent, date and hour of departure and return, and reason for absence. Prior to July 1933, record of

absences was kept in lighthouse journals. (Frequently, official.) 8 x 14 vols., 2 in., on desk. Keeper's Office. (3)

217. RECORD OF COMPRESSED-AIR SIREN FOG SIGNAL, June 22, 1911 to date. USDC Form 302 gives time fog commenced and ended, duration of fog, snow, or smoke; time siren started and stopped, hours and minutes of sounding, and average pressure of air maintained; time fog signals (submarine and radio) started and stopped; monthly statement of supplies for fog signals. Monthly report of above sent to superintendent of lighthouses on Form 65. Entered chronologically. (Old vols., never; current vol., daily, official.) 8 x 13 vols., 5 in., in storage closet. Keeper's Office. (4)

218. RECORD OF INSPECTION, June 22, 1911 to date. USDC Form 307 gives date of inspection, name of inspector, and instructions to keeper as to condition of station. (Twice annually, official.) 8 x 14 vol., 1/2 in., on desk. Keeper's Office. (2)

219. WATCH BOOKS, June 22, 1911 to date. USDC Form 316 gives date, time of watch (going on and leaving), and condition of light and fog signal. Entered chronologically. (Old vols., never; current vol., daily, official.) 10 x 12 vols., 5 in., in storage closet. Keeper's Office. (1)

EIGHTEENTH LIGHTHOUSE DISTRICT PIEDRAS BLANCAS LIGHT STATION

On June 10, 1872 congress approved a \$75,000 appropriation for the establishment of a light on this point. Because of the isolation of the site construction was slow and costly, and additional funds were requested and granted. The light was first exhibited February 15, 1875.

Later funds for the establishment of a fog signal here were requested. This request was withdrawn, and instead funds were requested for the establishment of a light and fog signal at Point Buchon, 30 nautical miles southeast of Piedras Blancas. In 1901 congress approved an appropriation of \$40,000 for this purpose, and the same year the lighthouse board recommended that this appropriation be cancelled, and \$15,000 appropriated for the construction of a fog signal at Piedras Blancas. This change was affected, and the fog signal then established on Piedras Blancas.

(not surveyed)

POINT ARENAEIGHTEENTH LIGHTHOUSE DISTRICT
POINT ARENA LIGHT AND FOG SIGNAL STATION

(A) Storehouse

(B) Fog Signal Station

Congress appropriated funds for a light at this point in 1867 and a site was reserved in 1868. Because of the inaccessibility of the point, supplies and materials had to be shipped from San Francisco, lightered and landed, and then hauled 4 miles to the site. Work on the tower and dwelling was commenced on June 30, 1869. A 1st order light, 155 feet above sea level, was exhibited on May 1, 1870.

A steam fog signal was constructed and put in operation on November 25, 1871. A cave-in of the cliffs caused by the sea undermining the land, made it necessary in 1896 to construct a new fog signal building 125 feet back of the first one. An earthquake in 1906 necessitated the rebuilding of the station. Congress appropriated \$72,500 for this purpose on June 30, 1906, followed by several smaller appropriations. The new 390,000 candlepower light was exhibited in 1908.

The lighthouse service also operates a radiobeacon and distance finding station (synchronized radiobeacon and sound signals) from here.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

220. GENERAL LOG AND WATCH BOOKS, July 1, 1870 - Dec. 1935. Give month, day and year, details of work performed by keepers for upkeep of station, record of bad weather, and important events. Record of fog, snow, or smoke and time whistle, siren, bell, or diaphone started and stopped. Monthly statement of supplies used for fog signals, amounts on hand at first of month, received during month, amount expended during month, and amount on hand at end of month. Record of maintenance by keeper and assistants. Register of visitors (discontinued) from 1893 - May 1927. (Never.) 10 x 14 vols., 4 ft., in wooden box. (Bldg. A). (4)

221. JOURNAL OF LIGHT STATION, Nov. 1933 to date. Form 306 gives month, day and year, and work performed by keeper and assistants for upkeep of station; record of important events, wind and weather conditions, and general routing of labor, repairing, and maintenance. (Daily, official.) 8 x 14 vol., 1 in., in wooden cupboard. Office (Bldg. B). (3)

222. RECORD OF FOG SIGNALS, Dec. 1, 1935 to date. Gives fog, snow, or smoke conditions, and time when whistle, siren, bell, or diaphone started and stopped; also monthly statement of supplies for fog signal. (Frequently, official.) 8 x 14 vol., 1/2 in., in wooden cupboard. Office (Bldg. B). (2)

223. MISCELLANEOUS CORRESPONDENCE, Dec. 20, 1935 to date. Correspondence to and from superintendent of lighthouses and keeper in charge; circular letters of instruction from superintendent and assistant superintendent. (Occasionally, official.) 8 x 10 loose sheets, 1/2 in., on end wall of cupboard. Office (Bldg. B). (1)

POINT ARGUELLO

EIGHTEENTH LIGHTHOUSE DISTRICT POINT ARGUELLO LIGHT STATION

In 1878 the lighthouse board first recommended that an appropriation be made for a light and fog signal at this point, reputed to be one of the foggiest on the Pacific coast. The recommendations were renewed until congress approved an appropriation of \$35,000 for this station March 3, 1899.

Construction of the station began the following year, and a 4th order light was first exhibited February 22, 1901. The fog signal was established June 1st of the same year. The station was rebuilt in 1934, and a 1,200,000 candlepower light is now exhibited.

The lighthouse service also operates a radiobeacon and distance finding station (synchronized radiobeacon and sound signals) here. A radio direction finder station, maintained by the Department of the Navy, is also located here.

(not surveyed)

POINT CONCEPTION

EIGHTEENTH LIGHTHOUSE DISTRICT POINT CONCEPTION LIGHT STATION

This light is one of the first authorized to be built on the Pacific coast, Congress having appropriated \$15,000 for its construction on March 3, 1851. Built under contract, the tower and keeper's dwelling were completed in 1854. Due to extensive alterations which were necessary before the light could be exhibited, it was not put in operation until February 1, 1856, a 1st order light visible 18 miles.

Because of its height above sea level, 250 feet, the fog bell was deemed "useless and a detriment to navigation." Funds for a steam fog signal were approved March 3, 1871, and the bell was removed to Yerba Buena Island, San Francisco Bay.

Some damage was done by an earthquake in 1871. That year Congress was asked for an appropriation of \$40,000 for the construction of a new tower, and for securing title to the land, a matter which had been in dispute for some years. A new tower was built on less elevated land and a 1st order light was exhibited on June 20, 1881.

Another earthquake did slight damage in 1906. In 1917 the steam fog signal was replaced by a type "G" compressed air diaphone.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

224. JOURNAL OF LIGHT STATION, July 1872 - Aug. 1915; May 1917 to date. Form 306, record of important events and a short statement of weather conditions. The last pages of each book, 1917 - 1924, contain a record of absences of keeper, and data on inspections made. (Older journals, never; current book, daily, official.) 9 x 14 vols. (5), 7 in., in wooden box. Keeper's Office. (14)

225. RECORD OF FOG SIGNALS, Aug. 1876 - July 1884; Nov. 1892 - Mar. 1902; Jan. 1905 to date. First two books record the cost of operating steam whistles and light, and a short notation on weather conditions; the first book has general correspondence pasted over the record pages. The 22 other books, Form 302, record the fog hours, oil consumed, and general weather conditions. (Older records never; current book, daily, official.) 8½ x 13 and 9 x 12 vols. (24), 11 in., in wooden box. Keeper's Office. (7)

226. GENERAL ACCOUNT OF SUPPLIES RECEIVED AND CONSUMED, Mar. 1888 - Aug. 1910. Treasury Form 303, general tabulated record of stores received, used, and on hand. (Never.) 14 x 17 vols. (4), 2 in., in wooden box. Storeroom. (5)

227. DAILY EXPENDITURE OF OIL, WICKS, AND CHIMNEYS, 1891 - 1895; 1900 - 1915. Record of time of lighting and extinguishing the light, amount of oil consumed, wicks and chimneys used, and short notation on weather conditions. (Never.) 14 x 17 vols. (5), 2 in., in wooden box. Storeroom. (4)

228. REGISTER OF VISITORS, 1893 to date. (Occasionally, official.) 11 x 18 vol., 1 in., on desk. Light Building. (3)

229. CORRESPONDENCE AND CIRCULARS, 1895 to date. General correspondence and circulars received by keepers from all sources. (Older files, never; current file, occasionally, official.) Various sized bundles (61), 4 ft. 6 in., in pasteboard boxes. Keeper's Office and Storeroom. (6, 8)

230. BLUEPRINTS, 1901. Three blue prints of land surveys give location and description of buildings at Point Conception. Surveyed in 1894 by H. Bamber. (Never.) 14 x 20 sheets, in desk drawer. Keeper's Office. (15)

231. WATCH BOOKS, Mar. 1901 to date. Form 316, record of watch hours, condition of light, number of fog hours, and record of fog signal operation. (Older books, never; current book, daily, official.) 9 x 12 vols. (12), 1 ft. 6 in., on wooden shelf and on desk. Light Building. (1)

232. CIRCULAR LETTERS, 1903 to date. Circular letters received from the superintendent of lighthouses. (Frequently, official.) 9 x 12 loose-leaf book and sheets, 10 in., on wooden shelf and on wall. Light Building. (2)

233. KEEPER'S ANNUAL REQUISITIONS, 1914 - 1933. Copies of Form 36, annual requisition for supplies; this form was discontinued, and information is now recorded on Form 30, annual property return. (Never.) 8 x 10½ vols. (18), 2 in., in pasteboard box. Keeper's Office. (10)

234. KEEPER'S ANNUAL PROPERTY RETURN, June 1914 to date. Form 30, record of articles on hand, consumed, and condition of property. Since 1933 record of supplies requisitioned has been added to this form. (Yearly, official.) 8 x 10½ vols. (26), 6 in., in pasteboard box. Keeper's Office. (9)

235. RECORD OF INSPECTIONS, Nov. 24, 1926 to date. Record of inspections made at this station with remarks of the inspector, and record of corrections made by the keeper of any unsatisfactory conditions. (Occasionally, official.) 8½ x 14 vol., 1½ in., in pasteboard box. Keeper's Office. (12)

236. RECORD OF ABSENCES, Mar. 1931 to date. Form 303, record of time the keeper is absent from station. Previous record kept in journal of light stations. (Occasionally, official.) 8½ x 14 vol., 1½ in., in pasteboard box. Keeper's Office. (11)

237. COPIES OF INVOICES, July 1936 to date. Copies of double invoices for supplies received at this station. (Frequently, official.) 8½ x 11 loose sheets, 3 in., on wall. Keeper's Office. (13)

POINT FERMIN

EIGHTEENTH LIGHTHOUSE DISTRICT POINT FERMIN LIGHT STATION

Congress appropriated \$10,000 on March 3, 1853 for a light at this point. Title to the site was not perfected, and a condemnation suit was instituted which was decided in the government's favor on November 4, 1873. Work on the station began the following spring, and the light was first exhibited on December 15, 1874.

A radio direction finder station operated by the Department of the Navy is also operated at this point.

(not surveyed)

POINT MONTARAEIGHTEENTH LIGHTHOUSE DISTRICT
POINT MONTARA LIGHT STATION

On March 3, 1873 Congress approved a \$15,000 appropriation for the establishment of a fog signal on this point. Title to the necessary land was secured the following year, and the fog signal was established March 1, 1875.

The first light on the point was a red lens lantern, first exhibited on November 26, 1900. In 1913 a 1,400 candlepower light was exhibited, and in 1920 this was increased to 25,000 candlepower.

The Department of the Navy also maintain a radio direction finder station here.

(not surveyed)

POINT PINOSEIGHTEENTH LIGHTHOUSE DISTRICT
POINT PINOS LIGHT STATION

This light, on the south side of the entrance to Monterey Bay, was among the first to be built on the Pacific coast. It was built from funds authorized by Congress on March 3, 1851, and a 3d order light, visible for 15 miles, was exhibited in 1855.

Although the land for the site had been reserved for a lighthouse site upon orders of the President when California was acquired, claimants to the land secured court decisions in their favor, and it was not until 1880 that the title was cleared.

The original reservation did not touch the sea at any point. In the Report of the Lighthouse Board for 1888, it was stated that it was essential that the government own the land between the reservation and the sea so that supplies could be landed from ships. After continued recommendation the purchase was made in 1902.

The light tower was badly damaged by an earthquake on April 18, 1906. Congress appropriated \$18,700 for rebuilding on July 30, 1906, and these repairs were completed in 1907.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

238. COPIES OF PUBLIC LETTERS AND CIRCULARS RECEIVED, Oct. 1855 - 1902. Circulars from San Francisco office of lighthouse superintendent, 12th district, and general correspondence between this office and San Francisco; outgoing correspondence to inspector and engineer, San Francisco. (Never.) 9 x 12 vols. (3), 6 in., in wooden box. Office. (8)

239. JOURNAL OF LIGHTHOUSE STATION, Oct. 7, 1872 - June 30, 1914; Dec. 1930 to date. Daily entries of weather conditions, record of vessels sighted, and short summary of lighthouse activities kept by keeper. (Older vols., never; current journal, daily, official.) 10 x 16 vols., 6 in., in wooden box. Office. (6)

240. REGISTER OF VISITORS, Jan. 1893 - Feb. 1913. Register of visitors discontinued when it became a nuisance to the keeper. (Never.) 12 x 18 vols. (2), 2 in., in wooden box. Office. (7)

241. LETTERS AND CIRCULARS, 1898 to date. All letters and circulars received from San Francisco headquarters. (Older book, never; current book, frequently, official.) 10 x 12 loose-leaf books (2), 4 in., in wooden box. Office. (1)

242. RECORD OF INSPECTIONS, July 25, 1926 to date. Form 307, brief entries of the inspector on his periodic inspections of this station. (About every two months, official.) 6 x 14 vols., 1/2 in., on wooden shelf. Office. (3)

243. WATCH BOOK, Aug. 1929 to date. Form 316, daily signatures of keeper and assistants, and an entry regarding weather, and condition of equipment. (Older vol., never; current vol., daily, official.) 10 x 12 vols. (2), 4 in., in wooden box. Office. (4)

244. RECORD OF KEEPER'S ABSENCES, Mar. 1930 to date. Form 303, record of time of leave and return of keeper and assistants. (Daily, official.) 6 x 14 vol., 1/2 in., on wooden shelf. Office. (2)

245. RECORD OF FOG SIGNAL, June 1, 1931 to date. Form 302, daily entries of weather conditions surrounding this station. (Older vols., never; current vol., daily, official.) 8 x 14 vols. (3), 3 in., in wooden box. Office. (5)

POINT REYES

EIGHTEENTH LIGHTHOUSE DISTRICT POINT REYES LIGHT STATION

Congress appropriated \$25,000 on August 3, 1854 for the establishment of a light on Point Reyes, a rugged peninsula about 30 miles northwest of San Francisco.

Although the land selected for a site was deemed valueless, title for it had been awarded to a private individual and as an exorbitant price had been asked, it was necessary to start a condemnation suit before the owners were willing to sell at a reasonable price. The government obtained possession of the land in 1869.

Construction was started immediately and a 1st order 120,000 candle-power light was first exhibited in December, 1870.

Because of seasonal lack of water the steam fog signal (destroyed by fire on April 28, 1872 and immediately rebuilt) was inoperative part of each year until adequate storage and catch basins were built in 1874.

The station was considerably damaged by gales in 1877 (later the anemometer registered a wind velocity of 115 miles per hour before it was blown from its mooring), and some damage was done by an earthquake in 1906.

The Department of Navy also maintains a radio direction finder station on this point.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

246. DAILY JOURNAL, 1872 to date. Record of important events, weather conditions, work in progress, officials visiting station, visibility of lights and buoys, and absences. Filed chronologically. (Older records, seldom; current records, daily, official.) 10 x 16 vols., 6 ft. 6 in., on shelves of wooden cabinet. Keeper's Quarters. (10278)

247. RECORD OF FOG SIGNALS, 1873 to date. Shows date, time fog commenced and ended, time fog signal started and stopped, signal used, pressure maintained, fuel and oil consumed, and monthly statement of supplies for fog signal. Filed chronologically. (Older records, seldom; current records, daily, official.) 10 x 16 vols., 6 ft., on shelves of wooden cabinet. Keeper's Quarters. (10267)

248. WATCH BOOK, 1884 to date. Shows date, time of going on and leaving watch, condition of light, condition of fog signal, and signature of keeper standing watch. Filed chronologically. (Older records, seldom; current records, daily, official.) 11½ x 18 vols., 8 ft. 10 in., on shelves of wooden cabinet. Keeper's Quarters. (10266)

249. REGISTER OF VISITORS, 1892 - 1921. Shows date, hour, and signature and address of visitor. (Never.) 12 x 16 vol., 2 in., on shelf in wooden cabinet. Keeper's Quarters. (10268)

250. CORRESPONDENCE FILE, 1893 to date. Correspondence, department circulars and pamphlets from superintendent's office regarding instructions, operations and maintenance of this station. (Older records, seldom; current records, daily, official.) 9 x 12 folders and bundles, 15 ft., in wooden filing cases, in 2 wooden boxes, in 6 pasteboard boxes, and piled on floor. Keeper's Quarters. (10265)

251. INVOICES, 1911 to date. For articles shipped to light station by lighthouse inspector's office, and for supplies and equipment delivered to this station by private firms. Filed chronologically. (Older records, seldom; current records, frequently, official.) 9 x 12 folders and bundles, 3 ft., in wooden filing case and in wooden boxes. Keeper's Quarters. (10279)

252. RECORD OF INSPECTIONS, 1911 to date. Shows date station was inspected, name of inspector, instructions to keeper concerning condition of station, special work to be done, repairs, and statement of keeper regarding action taken on instructions received, showing date of completion of repairs and special work. Filed chronologically. (Occasionally, official.) 8 x 10 covers, 2 ft., in wooden cabinet, Keeper's Quarters. (10280)

253. ANNUAL PROPERTY RETURN AND RECEIPT, 1912 to date. For public property on hand at last return and at present date, and receipt for transfer of property in event of appointment of a new keeper. Filed chronologically. (Yearly, official.) 8 x 12 covers, 2 ft., on shelf in wooden cabinet. Keeper's Quarters. (10276)

254. GENERAL ACCOUNT OF SUPPLIES, 1912 to date. Received and consumed, and a record of equipment received and rendered useless through use at this station. Filed chronologically. (Quarterly, official.) 8 x 10 loose-leaf books, 2 ft., on shelf in wooden cabinet. Keeper's Quarters. (10269)

255. LIGHT KEEPER'S LIST OF YEARLY SUPPLIES, 1912 to date. Shows name and form number of printed reports and books, number expended, number returned to storeroom on mainland, and number on hand, and condition; quantity of equipment, engine supplies, hardware, tools, lamps, paints, and oils required for next year. Filed chronologically. (Occasionally, official.) 8 x 10 covers, 2 ft. 3 in., on shelf of wooden cabinet. Keeper's Quarters. (10264)

256. RECORD OF ABSENCE, 1929 to date. Of keepers and assistants. Gives name, date and hour of departure, and date and hour of return to duty. (Frequently, official.) 10 x 12 vol., 2 in., on shelf of wooden cabinet. Keeper's Quarters. (10270)

257. CHARTS FOR FOG SIGNAL, 1930 to date. Chart for Marsh Recording Gauge. Shows station, date, time of fog signal run, unit used in fog signal operation, test runs, and other operations of fog signal. Filed chronologically. (Occasionally, official.) 8 in. discs, 3 in., in desk. Keeper's Quarters. (10277)

POINT SAN LUIS

EIGHTEENTH LIGHTHOUSE DISTRICT POINT SAN LUIS LIGHT STATION

On November 2, 1878 the President made a reservation, for lighthouse purposes, of Whaler Rock, a small island 500 feet from Point San Luis, and the Lighthouse Board recommended an appropriation for a light on this site.

It was not until 1887 that Congress made an appropriation of \$50,000 for a light and fog signal. After inspection the decision was made to place the light on the mainland and steps were taken to secure the site.

Due to delay caused first by the government in securing title to the land, and then because of unsatisfactory bids for construction, the station was not completed until May 14, 1890. A 4th order light was first exhibited on June 30, 1890. A steam fog signal was put in operation shortly after. In 1915 this was replaced by a compressed air automatic siren, and in 1935 was changed to a diaphone.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

258. SURVEY CHARTS OF CALIFORNIA COAST, 1850; 1858; 1884; 1886; 1892. Survey statistical charts of the California coast made by the U. S. Geodetic Surveyors. (Never.) 3 x 36 roll, 1 ft., on wooden shelf. Office. (2)

259. JOURNAL OF LIGHTHOUSE STATION, 1896 to date. Daily routine work report and record of all matters pertaining to this station. (Older vols., never; current vol., daily, official.) $8\frac{1}{2}$ x 14 vols. (9), 2 ft., on wooden shelf and desk drawer. Office. (7)

260. REGISTER OF VISITORS, 1896 - 1926. Names of persons who have visited this station. Discontinued Sept. 1926. (Never.) 12 x 18 vol., 1 in., on wooden shelf. Office. (8)

261. DAILY EXPENDITURES, 1897 - 1911. Entries as to number of hours lamps were lighted, amount of oil consumed, and costs of deterioration and useage; daily remarks concerning the weather conditions. (Never.) 14 x 16 vol., 3 in., on wooden shelf. Office. (4)

262. WATCHBOOK, 1898 to date. Signatures of employees signing in and out at end of watch; general statement regarding any unusual weather conditions. (Older vols., never; current vol., daily, official.) $9\frac{1}{2}$ x 12 vols., 2 ft., on wooden shelf. Office. (6)

263. FOG SIGNAL RECORD, 1901 to date. Record of number of hours of fog surrounding this station during the day. (Older records, never; current records, daily, official.) $8\frac{1}{2}$ x 13 vols., 2 ft., on wooden shelf and in desk drawer. Office. (1)

264. CORRESPONDENCE, 1907 to date. Correspondence between the keeper and the superintendent of lighthouses in San Francisco. (Frequently, official.) 9 x 11 folders and loose-leaf book, 6 in., on wooden shelf. Office. (3)

265. KEEPER'S ANNUAL PROPERTY RETURN, REQUISITION AND RECEIPT, 1911 - 1934. List of all property on hand, expended, and notation of additional quantities required for following year. (Never.) 8 x 10 vols., 1 ft. 6 in., on wooden shelf. Office. (5)

POINT SUREIGHTEENTH LIGHTHOUSE DISTRICT
POINT SUR LIGHT STATION

In 1874 the Lighthouse Board requested an appropriation of \$100,000 for a lighthouse at this point. Congress appropriated \$50,000 in 1877, but the sum was insufficient and additional requests were made for funds; a second \$50,000 was appropriated in 1887.

This station, a three-acre site 220 feet above sea level, is noted for its unusual isolation, and construction was slow and costly. The contracts for material were let in April, 1887 and work was commenced the latter part of May. Congress made an additional appropriation of \$10,000 on April 16, 1888, and after considerable delay a 1st order light, visible 23 miles, was exhibited on August 1, 1889.

The lighthouse service also operates a radiobeacon and distance finding station (synchronized radiobeacon and sound signals) from here.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

266. FOG SIGNAL RECORD, 1882 to date. Form 302, daily record of fog hours surrounding this station. (Older vols., never; current vol., daily, official.) 8 x 14 vols. (10), 1 ft., in wooden box. Office. (1)

267. GENERAL CORRESPONDENCE, 1882 to date. Incoming and outgoing correspondence to San Francisco headquarters. (Frequently, official.) 8½ x 11 covers, 1 ft., in wooden box. Office. (5)

268. REGISTER OF VISITORS, 1882 - 1914. Discontinued when it became a nuisance to the keeper. (Never.) 12 x 18 vol., 2 in., in wooden box. Office. (4)

269. JOURNAL OF LIGHT STATION, 1892 to date. Form 306, daily entry of general weather conditions, and short account of work done at station. (Older vols., never; current vol., daily, official.) 10 x 16 vols. (7), 6 in., in wooden box. Office. (2)

270. WATCH BOOK, July 1920 to date. Form 316, daily signature of keeper, and notation of weather conditions. (Older vols., never; current vol., daily, official.) 10 x 12 vols. (3), 6 in., on shelf and in wooden box. Office. (3)

271. RECORD OF INSPECTIONS, July 1926 to date. Form 307, entries by inspector of general condition of this station as found upon his visits. (About every two months, official.) 6 x 14 vol., 1/2 in., on desk. Office. (6)

272. KEEPER'S ABSENCES, 1930 to date. Form 303, entries of departure and return time of station keeper and his assistants. (Daily, official.) 6 x 14 vol., 1/2 in., on desk. Office. (7)

PORT CHICAGO

EIGHTEENTH LIGHTHOUSE DISTRICT
ROE ISLAND LIGHT STATION

The Roe Island Light, a $3\frac{1}{2}$ order light, was first exhibited on February 16, 1891. It is located on the southern point of Roe Island, and was created to aid mariners in the navigation of ships in Suisun Bay.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

273. GENERAL CORRESPONDENCE, 1891 to date. Pertains to general administration, maintenance and operation of this station. Some of this correspondence pertains to the difficulties encountered in establishing this station. (Older records, seldom; current records, daily, official.) 8 x 11 folders and loose-leaf books, 2 ft., on wooden shelf. Keeper's Office. (6768)

274. JOURNAL, 1891 to date. Important events at this station such as weather, work in progress, officials visiting station, visibility of adjacent lights and buoys, absences of keepers, and any irregularity in working of equipment or appliances in this station, and that noticed in other stations. (Older records, seldom; current records, daily, official.) 9 x 14 vols., 3 ft., on wooden shelves. Keeper's Office. (6769)

275. MONTHLY REPORTS, 1891 to date. Pertain to necessary repairs or other matters requiring official attention, list of absent employees, statement of supplies, report of signal operating practices, and miscellaneous reports. (Monthly, official.) $3 \times 10\frac{1}{2}$ folders, 4 ft., in wooden box. Keeper's Office. (6777)

276. RECORD OF BELL OPERATED BY CLOCK-WORK FOG SIGNAL, 1891 to date. Shows date, type of weather causing poor visibility, time of fog signal, time of poor visibility, and monthly statement of supplies for fog signals. (Daily, official.) $8\frac{1}{2} \times 13\text{-}3/4$ vols., 5 ft., on 3 wooden shelves. Keeper's Office. (6771)

277. REQUISITIONS, 1891 to date. To superintendent of lighthouses for articles needed at this station; show quantity on hand and needed, description of articles, and purpose for which used. (Monthly, official.) $8 \times 10\frac{1}{2}$ vols., 3 ft., in 2 wooden boxes. Keeper's Office. (6773)

278. WATCH BOOK, 1891 to date. Shows date, time of watch, condition of light, condition of fog signal, and signature of keeper. There is also a clock-operated bell system at this station. (Older records, seldom; current records, daily, official.) 9 x 11½ vols., 3 ft., on 2 wooden shelves. Keeper's Office. (6776)

279. RECORD OF INSPECTIONS, 1904 to date. Shows date and by whom inspection was made, instructions to keeper regarding condition of station, special work to be done, and statement of keeper concerning action taken on instructions. Filed chronologically. (Semi-annually, official.) 8½ x 13-3/4 vols., 8 in., on desk. Keeper's Office. (6774)

280. INVOICES, 1917 to date. Of all supplies and equipment received at this station. Show number of invoices, date, authority, number of packages, description of articles, quantity, unit, unit price, price for item, and receipt bearing signature of keeper. Filed chronologically. (Monthly, official.) 8 x 10½ folders, 2 ft. 6 in., in wooden box and on wooden shelf. Keeper's Office. (6775)

281. PROPERTY RETURN, 1917 to date. Shows itemized list of all public property chargeable to keeper of this station, and receipts and expenditures of all such property. (Yearly, official.) 8 x 10½ covers, 2 ft., on wooden shelf. Keeper's Office. (6772)

282. SURVEY OF PUBLIC PROPERTY, 1917 to date. Charged to the keeper for disposition of unserviceable articles or for dropping articles from property returns; shows report of Board of Survey, recommendation, and certification of disposition. (Semi-annually, official.) 8 x 10½ covers, 2 ft., on wooden shelf. Keeper's Office. (6778)

283. RECORD OF ABSENCES OF KEEPERS, 1925 to date. Shows purpose of absence such as purchasing supplies, obtaining mail, or annual leave; gives name of keeper, and date and hour of departure and return. (Frequently, official.) 8½ x 13½ vols., 6 in., on wooden shelf. Dirty. Keeper's Office. (6770)

284. REQUESTS FOR LEAVES OF ABSENCE, 1925 to date. Shows name of station, date, cause for request, authority, and final report. Filed chronologically. (Semi-annually, official.) 8 x 10½ bundles, 10 in., on wooden shelf. Keeper's Office. (6779)

RICHMONDEIGHTEENTH LIGHTHOUSE DISTRICT
EAST BROTHER ISLAND LIGHT STATION

Because of difficulties in gaining possession of a site for a light station on Point San Pablo, for which Congress had appropriated \$20,000 on March 3, 1871, it was decided to erect the light on East Brother Island.

On February 28, 1873 the War Department issued a license to use the island for this purpose. Work was started in July of the same year, and a 5th order light was first exhibited on March 1, 1874. A steam fog signal was placed in operation on May 1 of the same year.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

285. GENERAL CORRESPONDENCE, 1874 to date. Pertains to general administration, maintenance, and operation of this station. (Older records, seldom; current records, daily, official.) 8 x 10 folders, 15 ft., in wooden boxes. Keeper's Office. (6121)

286. JOURNALS, 1874 to date. Important events at this station such as weather, work in progress, officials visiting the station, visibility of adjacent lights and buoys, absences of light keepers, and any irregularities in working equipment or appliances at this station, or any noticed in other stations. (Older records, seldom; current records, daily, official.) 9 x 14 vols., 20 ft., in 5 wooden boxes. Keeper's Office. (6130)

287. RECORD OF FOG SIGNALS, 1910 to date. Shows day of month, type of weather causing poor visibility, time fog signal used, type of signal, time of poor visibility, and monthly statement of supplies for fog signal. (Older records, seldom; current records, daily, official.) $8\frac{1}{2}$ x 13- $\frac{3}{4}$ vols., 4 in., in desk and under table. Keeper's Office. (6127)

288. WATCH BOOKS, 1910 to date. Show date, time of watch, condition of light, condition of fog signal, and signature of keeper. (Older records, seldom; current records, daily, official.) 9 x 11 $\frac{1}{2}$ vols., 6 ft., in wooden boxes. Keeper's Office. (6122)

289. PROPERTY RETURN, 1912 to date. Shows itemized list of public property chargeable to keeper of this station, and receipts and expenditures of all public property. (Older records, seldom; current records, yearly, official.) 8 x 10 vols., 6 ft., under table. Keeper's Office. (6123)

290. MONTHLY REPORTS, 1913 to date. Show name of station, date, information regarding necessary repairs or other matters requiring official attention, list of absent employees, statements of supplies, report of signal operating practice, and miscellaneous reports.

Filed chronologically. (Older records, seldom; current records, monthly, official.) 8 x 10½ folders and bundles, 6 ft., in 2 wooden boxes. Keeper's Office. (6128)

291. INVOICES, 1915 to date. Of supplies and equipment received at this station; show invoice number, date, authority, number of packages, description of articles, quantity, unit, unit price, price per item, and receipts bearing signature of the keeper. (Older records, seldom; current records, occasionally, official.) 8 x 10½ folders and bundles, 10 ft., in 2 wooden boxes and on clip boards. Keeper's Office. (6120)

292. RECORD OF INSPECTIONS, 1916 to date. Shows date, by whom inspection was made, instructions to keeper regarding condition of station, special work to be done, and statement of keeper concerning action taken on instructions. (Semi-annually, official.) 8½ x 13-3/4 vols., 2 in., in wooden box. Keeper's Office. (6129)

293. SURVEY OF PUBLIC PROPERTY, 1926 to date. Charged to the keeper for disposition of unserviceable articles or for dropping of articles from property return; shows report of Board of Survey, recommendation, and certification of disposition. (Semi-annually, official.) 8 x 10½ folders, 2 ft., in desk. Keeper's Office. (6131)

294. REQUESTS OF KEEPERS FOR LEAVES OF ABSENCE, 1930 to date. Show name of station, date, cause for request, authority, and final report. (Semi-annually, official.) 8 x 10½ folders, 2 in., in desk. Keeper's Office. (6126)

295. REQUISITIONS, 1930 to date. To superintendent of lighthouses for articles needed at this station; show quantity needed, and description and purpose of articles. (Monthly, official.) 8 x 10½ envelopes, 2 ft., in desk. Keeper's Office. (6124)

296. PRESSURE GAUGE CHART FOR FOG SIGNALS, 1936 to date. Bristol's recording pressure gauge chart shows time fog signal started and stopped, air pressure maintained, and interruption of fog signal. These records are sent to headquarters monthly. (Daily, official.) 8 in. discs, on desk. Keeper's Office. (6125)

SAN DIEGO

EIGHTEENTH LIGHTHOUSE DISTRICT BALLAST POINT LIGHT STATION

Anticipating the removal of the Point Loma light from the eastern shore of the point to the western shore (see Point Loma Light Station), the Lighthouse Board recommended in their report for 1883 that a stake light, at an estimated cost of \$1500 to \$2000,

be placed on Ballast Point to serve as a guide to San Diego harbor.

Later, in 1887, the Board recommended that a 4th order light be placed there, and requested an appropriation of \$25,000 for this purpose. In 1888 Congress appropriated this sum, construction was commenced on February 1, 1890, and on August 5 of the same year a 5th order fixed light was exhibited.

The light was discontinued on May 25, 1898 because of the placing of submarine mines in the harbor, and was relighted on July 18, 1898.

A storage depot for buoys and supplies is maintained here.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

297. LOG BOOK, 1890 to date. Form 316 gives date, time of watch, condition of light and fog signal, and signature of keeper. Entered chronologically. (Older logs, never; current log, daily, official.) 8 x 10 vols., 1 ft. 2 in., in wooden cabinet in storehouse and in table drawer. (1207)

298. LOG OF FOG SIGNAL, 1890 to date. Shows duration of fog, time signal started and stopped, and type of signal used, i.e., whistle, bell, radio, or submarine. Entered chronologically. (Older records, never; current book, daily, official.) $8\frac{1}{2}$ x 14 vols., 2 ft. 3 in., on desk. (1206)

299. RECORD OF ABSENCES, 1901 to date. Gives name, time left and returned to station, and reason for absence. Entered chronologically. (Older records, never; current book, frequently, official.) 6 x 12 vols., 8 ft., in wooden cabinet in storehouse and in table drawer. (1208)

EIGHTEENTH LIGHTHOUSE DISTRICT
POINT LOMA LIGHT STATION
10 miles north of San Diego

This light station is one of the first to be built on the Pacific coast, Congress authorizing an appropriation of \$15,000 for its construction on March 3, 1851. The contract for its construction was let in 1854, and the light was first exhibited on November 15, 1855.

At that time the light was the highest in the United States, its focal plane being 462 feet above sea level. Because of this height the light was often obscured by high fog and so was of little aid to navigation. To remedy this, a survey was made and a site selected in 1881, but it was not until 1889 that Congress made an appropriation of \$30,000 for a light at a lower level.

On March 14, 1889 a license was issued by the War Department to occupy a portion of the point, 30 feet above sea level and 60 feet from the bluff on the western shore, it having been decided that a light would better serve there than the original

location on the eastern shore. Bids for the new station were opened on August 21, 1889, and on March 23, 1891 the new light, 3d order, was exhibited. This light is 88 feet above sea level.

A radiobeacon and distance finding station (synchronized radio-beacon and sound signals) are also operated from here by the lighthouse service.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

300. LIGHTHOUSE STATION JOURNAL, 1902 to date. USDC Form 306 shows date, record of important events, weather, work in progress, visibility of light and buoys, absence of keeper, and officials visiting station. (Frequently, official.) $8\frac{1}{2}$ x 14 vols., 8 in., in wooden box. Storeroom. (1282)

301. WATCH BOOKS, 1906 - 1926. Show date, time of watch, condition of light and fog signal, velocity of wind, weather conditions, and signature of employee on watch. Entered chronologically. (Never.) 8 x 11 vols. (5), 5 in., in wooden box. Dirty, bindings broken, and ink faded. Storeroom. (1283)

302. RECORD OF ABSENCES, 1927 to date. Form 303 shows name of employee, date and hour of departure and return to duty, and reason for absence. Entered chronologically. (Frequently, official.) $8\frac{1}{2}$ x $13\frac{1}{2}$ vol., 1 in., in wooden box. Storeroom. (1285)

303. RECORD OF FOG SIGNALS, 1927 to date. Form 302 shows date, time fog appeared, duration, termination, and minutes fog signal was sounded; also monthly statement of supplies of oil, coal, and gasoline consumed. (Frequently, official.) $8\frac{1}{2}$ x $13\frac{1}{2}$ vols., 4 in., in wooden box. Storeroom. (1284)

SAN FRANCISCOEIGHTEENTH LIGHTHOUSE DISTRICT
SUPERINTENDENT

Custom House, Battery and Washington Sts.

The first permanent Lighthouse Board designated the entire Pacific coast as the Twelfth Lighthouse District, with headquarters in San Francisco. On July 1, 1867 a new district was created by dividing the Twelfth District at the 41st north parallel south to the Mexican border.

On January 4, 1904 the Twelfth District was extended to include the Hawaiian Islands, and two years later, Guam, Midway and Samoan lighthouse establishments were added. When the present Bureau of Lighthouses replaced the former Lighthouse Board in 1910, the districts were again changed, and the state of California then became the Eighteenth Lighthouse District.

This agency has been under the jurisdiction of the following governmental agencies: Treasury Department, Lighthouse Board, 1854 to 1903; Department of Commerce and Labor, Lighthouse Board, 1903 to 1910; Department of Commerce and Labor, Bureau of Lighthouses, 1910 to 1913; Department of Commerce, Bureau of Lighthouses, 1913 to date.

Prior to April 1906 offices were maintained in the Flood Building at 870 Market Street; from April 1906 to April 1908, in a flat building on the northeast corner of Golden Gate Avenue and Steiner Street; from April 1908 to July 1, 1910, in the Monadnock Building, 681 Market Street, and in the Mutual Bank Building, 704 Market Street. Information regarding other locations is not available.

The duties of this agency are to establish, service, maintain, and operate navigational aids, such as lighthouses, fog signals, buoys, lightships, and radiobeacon and distance finding stations in the district.

All records were destroyed in the San Francisco fire of April 18, 1906. Routine periodical reports are sent to Washington. No records are destroyed except those which, from time to time, are ordered to be destroyed by Washington headquarters.

304. DEEDS AND TITLES, 1854 to date. To used and unused lighthouse sites, reservations, water rights, and prospective sites, with descriptions; also Presidential Executive order for property, deeds, leases, licenses, rights of way, and other departmental permits for construction of lighthouses on this property. Filed by subject. 8 x 10 card index. (Frequently, official.) 10 x 12 sheets, 4 ft. 3 in., in 4 drawers of wooden filing case. R. 424. (536)

305. GENERAL FILES, May 1902 - Dec. 1931. Correspondence and disbursing officer's checks for vessels and lighthouses; also pay rolls for personal service; lighthouse instructions; book of federal tax service; work orders prior to 1927; Department of Commerce Lighthouse Service records for duration of war; war files; confirmation telegrams; shipments and bills of lading; fish and game, sea lions; purchases, bids and contracts; inspection by bureau officials;

printed instructions to employees; requisitions, buoy list, special property reports; private aid to navigation, bridges, lighthouses of Alaska, fog signals, San Francisco lightships, and various other matters pertaining to administration of bureau. (Frequently, official.) 9 x 12 loose-leaf books, 54 ft., in 27 drawers of filing cases. Attic. (1183)

306. GENERAL FINANCIAL RECORDS, 1906 - 1920. Account books, allotment ledgers, disbursing office ledgers, and cost ledgers. (Never.) Various sized vols. (6), 3 ft., on wooden shelves. R. 430. (272)

307. STATION AND TENDER ORDERS, 1906 - 1922. General expense data, purchase orders and acceptance of bids for supplies for lighthouses and tenders in this division. (Never.) 10 x 12 bundles (14) and 8 x 10 loose sheets, 6 ft., on shelf of wooden wall cases and in 3 cardboard transfer cases. Attic. (4, 7)

308. STATION ORDERS, Mar. 6, 1907 - June 30, 1924. Tabulation of orders for lighthouse supplies. Filed chronologically. (Never.) 14 x 21 loose-leaf books, 2 ft., in 18 folded document holders. Bindings broken. Attic. (3)

309. REGISTER OF ELIGIBLES FOR CIVIL SERVICE EXAMINATIONS, Jan. 1, 1910 - Mar. 27, 1936. Eligibles appointed and not appointed to positions of assistant lighthouse keeper, first assistant Diesel engine-man, lighthouse mechanic, and other lighthouse positions. Filed alphabetically. (Seldom, official.) $3\frac{1}{2}$ x $8\frac{1}{2}$ and 10 x 12 folders and loose sheets, 17 ft. 6 in., in folded document holders and in filing case. R. 423. (539)

310. DISBURSEMENT JOURNAL, July 10, 1910 - Oct. 28, 1932. Record of Lighthouse District disbursements in account with U. S. Lighthouse establishment. (Seldom, official.) 6 x 22 loose-leaf books, 2 ft., on steel shelf. Attic. (8)

311. PAY ROLLS, 1912 - 1920. Of employees in Eighteenth Lighthouse District. (Occasionally, official.) 12 x 17 bundle, 1 ft., on shelf of wall case. Attic. (6)

312. OIL LEASES AND PERMITS, WATER PROJECTS, AND CORRESPONDENCE, 1914 - 1926. Surveyors' notes; photostatic copies of placer claims, petrified forests, and drainage; Colorado river case exhibits; copies of mining claims; blueprints and maps; letters regarding withdrawal form entry for naval oil reserve; logs of well drillings; photographs of dam sites and placer mines. (Occasionally, official.) 7 x 10 bundles and $11\frac{1}{2}$ x $16\frac{3}{4}$ folders, 32 ft., in filing case drawers. Attic. (126)

313. INVOICES, July 1, 1914 - Jan. 1928. Incoming and outgoing depot and machine shop invoices for miscellaneous supplies and materials billed to various stations and lighthouses. Filed chronologically. (Seldom, official.) 8 x 10 folders and loose sheets, 7 ft. 10 in., in transfer cases on shelves in steel cabinets. Attic. (1, 2)

314. CORRESPONDENCE, 1915. Letters to and from tenders Kukui and Columbine; and miscellaneous purchase orders for supplies. (Seldom, official.) 10 x 12 bundles (2), 10 in., on shelf. Attic. (59)

315. GENERAL CORRESPONDENCE, Jan. 1, 1915 - Mar. 26, 1936. Relative to lighthouse depots, existing beacon lights, light stations, finance, transportation, travel, and purchases. See addenda for more complete information. Filed by subject. 2 index vols., and 3 x 5 card index. (Older records, monthly or yearly; current records, daily, official.) 10 x 12 loose sheets, 103 ft. 6 in., in 77 drawers of filing cases. Rs. 423, 425 and Entrance Hall. (435)

316. PERSONNEL RECORDS, Jan. 1, 1915 - Mar. 27, 1936. Appointments to and separations from service, injury cases, absence records, charges against employees, retired employees, retirement deductions, keepers, lamplighters, field force, lightships, tenders, and depot. Filed alphabetically. 3 x 5 and 5 x 8 card indexes. (Frequently, official.) 8½ x 12 and 10 x 12 folders and 9 x 12 bundles, 32 ft. 6 in., in 16 drawers of filing cases. Rs. 423, 425, 431 and Entrance Hall. (538)

317. FIELD BOOKS AND RECORDS, 1920 - 1934. Of engineering and construction costs of Point Sur road; states type of construction, dates, and work time of employees. (Never.) 4 x 6 and 10 x 12 vols. (57), 3 ft. 2 in., in wooden filing cases. Torn and bindings broken. R. 429. (533)

318. RECORD OF PURCHASES, July 1921 - Mar. 1936. Accepted and unaccepted bids; depot, vessel and station orders; outgoing and incoming invoices on purchases received, and contracts for station building. Filed chronologically and by subject. 14 x 21 vol. index. (Occasionally, official.) 10 x 12 bundles (42), 35 ft., in 21 drawers of filing cases, on 5 shelves, and in 65 drawers of card cabinets. Rs. 425, 430 and Hall. (270)

319. MAP OF ALASKA, 1923. Prepared by the American Geographical Society for the Alaska Road Commission. (Never.) 50 x 65 map (rolled), on shelf. Attic. (77)

320. UNACCEPTED BIDS, 1929 - 1932. Unaccepted bids on stations and airways. (Seldom, official.) 9 x 12 bundles, 2 ft., on steel shelf. Attic. (5)

321. DAILY, MONTHLY AND YEARLY REPORTS, 1930 to date. From lighthouse stations, lightships, and tenders; also relative correspondence. Filed chronologically. (Frequently, official.) 10 x 12 loose sheets, 6 ft., in 4 drawers of wooden filing case. R. 425. (534)

322. DUPLICATE CHECKS, 1930. Of disbursing officer on United States Treasury, issued to employees each month for lighthouse services. (Never.) 10 x 17 bundle, 6 in., on wooden shelf. Attic. (55)

323. GENERAL OFFICE RECORDS, 1930 to date. Vouchers, pay rolls, time rolls, travel vouchers, schedules of disbursements and collections, and airway keeping costs. Filed chronologically and alphabetically by subject. (Occasionally, official.) 10 x 12 loose sheets, 23 ft., in 69 transfer cases and in 9 compartments of wooden cabinet. Rs. 425 and 430. (271)

324. VOUCHERS, July 1930 - Apr. 1932. Purchases, expenses, contracts, pay rolls for personal services, public vouchers for purchases, and payments on contracts. (Occasionally, official.) 9 x 11 and 11 x 12 loose sheets, 21 ft., in cardboard transfer cases on shelves of wooden wall cases. Attic. (9, 61)

325. INVENTORIES AND REQUISITIONS FOR PROPERTY AND SUPPLIES, 1931 to date. Inventories taken by keepers of stations and by mates and engineers of ships; requisitions for property and supplies. Filed chronologically. (Frequently, official.) 10 x 11 loose sheets, 6 ft., in 3 drawers of wooden filing case and in 4 drawers of steel filing case. R. 424. (535)

326. NOTICES TO MARINERS, 1932 - 1935. Reports to all vessels on the condition of lights and buoys which may have been extinguished or drifted out of place. Filed chronologically. (Frequently, official.) 8½ x 14 folders, 6 ft., in wooden filing case and in 4 drawers of steel filing case. Rs. 425 and 430. (532)

327. DAILY TIME CARDS, Jan. - Dec. 1934. Indicate time of each employee at various lighthouses and other places under jurisdiction of this department. (Seldom, official.) 3 x 7 bundles (12), 4 ft., in paper boxes. Attic. (63)

328. CARDS AND TIME BOOKS OF W. S. MYERS, n.d. Paper wrapped package, labeled "Package contains cards, timebooks, etc., of W. S. Myers." (Never.) 10 x 12 bundle, 1 ft., in box. Attic. (60)

329. CHARTS, n.d. Mendocino to Point St. George; Point Arena to Mendocino; San Francisco to Point Arena; Point Pinos to Bodega Head; Point Buchon to Point Pinos; Santa Rosa to Point Buchon; Santa Monica to Point Conception; San Diego to Santa Monica. (Rarely, official.) 44 x 54 charts (8), in wooden case. Attic. (58)

330. MISCELLANEOUS BLUEPRINTS, n.d. Of lighthouses and warehouses at Alcatraz, Point Arena, Carquinez, Cabrillo, Fort Point, Yerba Buena Island, Anacapa, Punta Gorda, Roe Island, Southampton Shoal, Sequoia, Vicente, Bodega Buoy, etc. (Seldom, official.) 48 x 60 blueprints (rolled), 4 ft., on wooden shelves. Attic. (81)

EIGHTEENTH LIGHTHOUSE DISTRICT
SAN FRANCISCO LIGHTSHIP

Congress approved two appropriations of \$40,000 each, one on June 11, 1896 and the other June 7, 1897, for a light vessel to be stationed off the entrance to San Francisco Bay.

The 350 gross ton vessel (No. 70), built at Astoria, Washington, was 112 feet long, $8\frac{1}{2}$ feet broad and 22 feet $1\frac{1}{2}$ inches deep. The vessel arrived at San Francisco on March 11, 1898, and was established at its station on April 7, 1898.

In 1930 Lightship No. 83, formerly at Blunts Reef, replaced the original vessel at this station. This vessel, No. 70, was then de-commissioned and sold.

The lighthouse service also operates a radiobeacon and distance finding station (synchronized radiobeacon and sound signals) from this lightship.

(not surveyed)

EIGHTEENTH LIGHTHOUSE DISTRICT
MILE ROCK LIGHT STATION

On June 28, 1902 Congress approved an appropriation of \$100,000 for the establishment of a light and fog signal on this rock which is located inside the entrance to the Golden Gate and three-eighths of a mile from the San Francisco shore.

Work on the tower, which proved slow and hazardous, commenced in August, 1904, and the light and fog signal were first established on February 15, 1906. Owing to the distance from the shore, oil vapor lamps are used instead of electricity.

All reports are sent to the Superintendent of The Eighteenth Lighthouse District at San Francisco.

331. REGISTER OF VISITORS, Dec. 28, 1905 to date. Shows dates, signatures, and addresses of visitors to station. (Never.) $11\frac{1}{2}$ x $17\text{-}\frac{3}{4}$ vol., 3 in., in cupboard. Keeper's Quarters. (4432)

332. RECORD OF FOG SIGNAL, Feb. 15, 1906 to date. Shows date, time fog commenced and ended, time fog signal started and stopped, air or steam pressure maintained, fuel oil consumed, time electric siren at Lime Point started and stopped, and monthly statement of supplies for fog signals. (Occasionally, official.) $8\frac{1}{2}$ x 13 vols., 2 ft. 6 in., in cupboard. Keeper's Quarters. (4434)

333. WATCH BOOK, Feb. 15, 1906 to date. Shows date, time of going on and leaving watch, condition of light, condition of fog signal, and signature of keeper. (Older records, seldom; current records, daily, official.) $8\frac{1}{2}$ x 11 vols., 2 ft. 6 in., in cupboard. Keeper's Quarters. (4438)

334. RECORD OF ABSENCES, July 1, 1906 to date. Shows name, and date and hour of departure and return to duty. (Older records, seldom; current records, daily, official.) $8\frac{1}{2}$ x 13 vols., 2 ft., in cupboard. Keeper's Quarters. (4439)

335. LIGHTKEEPER'S LIST OF YEARLY SUPPLIES, Mar. 1, 1911 - Dec. 31, 1935. Shows name and form number of printed reports and books, number on hand, received, expended, returned to shore, condition, and quantity of equipment, engine supplies, hardware, tools, lamps, lanterns, paint and oil required for next year. (Monthly, official.) 8 x $10\frac{1}{2}$ vol., 2 in., in cupboard. Keeper's Quarters. (4431)

336. GENERAL ACCOUNT OF SUPPLIES, July 1, 1911 to date. Shows supplies received and consumed, and equipment received and rendered useless. (Seldom, official.) 14 x $16\frac{1}{2}$ vol., 2 in., in cupboard. Keeper's Quarters. (4433)

337. INVOICES OF SUPPLIES, 1912 - 1927. Shipped to light station from the lighthouse inspector's office, and for articles delivered to station from private firms. (Never.) $4\frac{1}{2}$ x 10 bundles, 6 in., in cupboard. Keeper's Quarters. (4441)

338. KEEPER'S ANNUAL PROPERTY RETURN AND RECEIPT, Oct. 15, 1912 - Dec. 31, 1935. Shows amount of public property on hand per last return and at present date. Includes form for receipt of transfer of property in event a new keeper takes charge. (Occasionally, official.) 8 x $10\frac{1}{2}$ folders, 1 ft. 10 in., in cupboard. Keeper's Quarters. (4436)

339. DAILY JOURNAL, Mar. 1, 1914 to date. Complete record of important events such as weather, work in progress, officials visiting station, visibility of light and buoys, and absences of keeper. (Occasionally, official.) $8\frac{1}{2}$ x $13\frac{1}{2}$ vols., 2 ft. 6 in., in cupboard. Keeper's Quarters. (4437)

340. CORRESPONDENCE, CIRCULARS, AND INSTRUCTIONS, 1926 to date. From headquarters relative to operation and maintenance of this station. (Older records, never; current records, daily, official.) 9 x 12 envelopes (15), 6 in., on shelf. Keeper's Quarters. (4442)

341. RECORDS OF INSPECTION, Sept. 1, 1927 to date. Show date station was inspected, by whom, instructions to keeper concerning condition of station, special work to be done, and statement of keeper of action taken on above instructions, showing date of completion of repairs, if ordered. (Yearly, official.) $8\frac{1}{2}$ x 13 vol., 2 in., in cupboard. Keeper's Quarters. (4440)

342. CHARTS FOR FOG SIGNAL, Sept. 1, 1936 to date. Chart for Marsh recording gauge. Shows station, date, time fog signal ran, unit (meaning which engine used in fog signal operation), test runs, and other operations of fog signal. These records are sent to headquarters each month. (Daily, official.) 8 in. discs, 1 in., in cupboard. Keeper's Quarters. (4435)

SAN PEDROEIGHTEENTH LIGHTHOUSE DISTRICT
LIGHTHOUSE DEPOT
Terminal Island, Los Angeles Harbor

This depot was established on Terminal Island on October 1, 1934.

The purpose of this agency is the storing, repairing, and shipping of buoys and lighthouse supplies to the light stations of southern California. There is no relief ship nor lighthouse tender at this depot.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

343. INCOMING INVOICES OF SUPPLIES RECEIVED, Oct. 1, 1934 to date. Form 27 shows number, place and date, to whom furnished, number of authority, requisition, date of requisition, name of person approving, date shipped, how shipped, where from, number of district, signature of superintendent of lighthouses, number of packages, description of articles, quantity, unit, unit price, price for each item, date and by whom received. Filed chronologically. (Occasionally, official.) 8 x 10½ loose sheets, 3 in., in steel drawer. Office, SW. corner of building. (681)

344. MEMOS, Oct. 1, 1934 to date. Form 27, invoices of supplies; statements of United States Government toll service; Form SN 650, bills of lading; shipping memorandums and miscellaneous correspondence pertaining to supplies. Filed chronologically. (Occasionally, official.) Various sized sheets, 2 in., in steel drawer. Office, SW. corner of building. (674)

345. PROPOSALS, INVITATIONS, BIDS AND ACCEPTANCES AND ORDERS FOR ARTICLES OR SERVICES, Oct. 1, 1934 to date. Form 33 revised, request for bids on work or materials shows item number, articles or services, quantity, unit, unit price, order or invitation number, and amount. Form 85 shows item number, article or service, price, method of purchase, order or invitation number. Arranged chronologically. (Occasionally, official.) 8 x 10½ loose sheets, 2 in., in steel drawer. Office, SW. corner of building. (673)

346. RADIOGRAMS AND COPIES OF RADIO MESSAGES, Oct. 1, 1934 to date. Orders and instructions received from various California points pertaining to navigation. (Occasionally, official.) Various sized sheets, 1 in., in steel drawer. SW. corner of building. (675)

347. REQUISITIONS, Oct. 1, 1934 to date. Form 95, requisition for supplies shows date, name of depot, when articles will be needed, purpose for which needed, name, and rating of person making requisition; also shows if articles needed are extra or replacement, quantity needed, and amount on hand. Filed chronologically. (Occasionally, official.) 8 x 10½ sheets, 1 in., in steel drawer. Office, SW. corner of building. (680)

348. STOCK RECORDS, Oct. 1, 1934 to date. Form 57, stock card shows name of article, description, size; building, room, card, source, invoice numbers, and bin; date, quantity, check, unit price of receipts, and quantity issued. Arranged by name of article. (Occasionally, official.) 5 x 8 cards, 1 in., in steel drawer. Office, SW. corner of building. (677)

349. WORK ORDERS AND REPORTS, Oct. 1, 1934 to date. Form 32, copies of instructions, orders and advices from the superintendent of lighthouses to personnel of the lighthouse service regarding work required and requested in this area. (Occasionally, official.) 8 x 10½ loose sheets, 1 in., in steel drawer. Office, SW. corner of building. (676)

EIGHTEENTH LIGHTHOUSE DISTRICT LOS ANGELES HARBOR LIGHT STATION

This station situated at the outer end of the Los Angeles harbor breakwater, was established in 1913. A 67,000 candlepower light and a fog signal was then operated. In 1926 a radiobeacon was established at the station, and in 1934, a distance finding station (synchronized radiobeacon and sound signals). In 1931 the light was increased to 110,000 candlepower.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

350. JOURNAL OF LIGHT STATION, Mar. 1913 - July 1918; Feb. 1932 to date. Gives date, year, month and day, with description of important work done on specified day, and daily weather reports. Arranged chronologically. (Daily, official.) 8½ x 14 vols. (3), 3 in., on wooden desk. 2d floor, N. (884)

351. WATCH BOOK, LIGHTHOUSE SERVICE, Mar. 1913 to date. Form 316 gives date, time of going on and leaving watch, condition of light and fog signal, and signature of keeper on watch. Filed chronologically. (Daily, official.) 8½ x 14 vols. (3), 3 in., on wooden desk. 2d floor, N. (887)

352. CORRESPONDENCE FILE, May 1913 to date. Form 95, requisition for article shows date, name of station, quantity on hand and needed, description of articles, and purpose. Telegrams and letters to and from this station and superintendent of lighthouses in San Francisco; also miscellaneous correspondence pertaining to the business and operation of this station. Arranged chronologically. (Occasionally, official.) 9 x 11 loose sheets, 1 ft. 2 in., in 5 letter files on wooden desk. 2d floor, N. (888)

353. RECORD OF FOG SIGNALS, Mar. 1919 to date. Indicates hour, date and weather condition at time fog signal commenced and ended, duration of fog, whether diaphone, whistle, siren, bell, or

radio were used, monthly statement of supplies for fog signals, and remarks. Entered chronologically. (Daily, official.) $8\frac{1}{2} \times 13\frac{1}{2}$ vols. (13), 4 in., on wooden desk. 2d floor, N. (886)

354. RECORD OF ABSENCES OF KEEPERS, July 1926 to date. Form 308 gives name of person, time left station, time returned to station, and reason for absence. Entered chronologically. (Occasionally, official.) $8\frac{1}{2} \times 13\frac{1}{2}$ vols. (2), 1 in., on wooden desk. 2d floor, N. (885)

355. KEEPER'S ANNUAL PROPERTY RETURN AND RECEIPT, July 1, 1930 to date. Form 30 shows name of station, district, date, signature of keeper, name of article, on hand last return, received from all sources since last return, total received and on hand, expended since last return, returned to stores, condemned or lost, on hand at date of this return, and remarks. Arranged chronologically. (Occasionally, official.) $8 \times 10\frac{1}{2}$ vols. (7), 1 in., on wooden desk. 2d floor, N. (891)

356. ORDERS AND INVOICES, Oct. 1930 to date. Form 27 gives description of articles, quantity, unit, unit price, and orders for articles or service; Form 33, invitation to bid and acceptance shows item number, articles or services, quantity, unit, unit price, and amount; Form 85 gives item number, quantity, article or service, and price. Arranged chronologically. (Occasionally, official.) 9×11 loose sheets, 5 in., in 2 letter files on wooden desk. 2d floor, N. (889)

357. PROPERTY AND EQUIPMENT BOOK, Jan. 1931 to date. Form 27 gives description of articles, quantity, unit, and unit price; Form 28, certificate for lost property shows list of property lost and reason for such loss; also miscellaneous correspondence pertaining to property and equipment received or lost. Arranged chronologically. (Occasionally, official.) 10×15 vol., and loose sheets, 2 in., in letter file on wooden desk. 2d floor, N. (890)

SANTA BARBARA

EIGHTEENTH LIGHTHOUSE DISTRICT
SANTA BARBARA LIGHT STATION
1817 Cliff Drive

On August 3, 1854 Congress appropriated \$10,000 for a lighthouse to be situated on the mainland at the north entrance to the Santa Barbara Channel. Construction was delayed because of an imperfect title to the site selected. The municipal authorities of Santa Barbara then conveyed thirty acres to the government gratis for a site. A 4th order light, 180 feet above sea level and visible for 12 miles, was first exhibited in 1856.

On June 29, 1925 the tower, dwelling and apparatus were destroyed by an earthquake. Shortly thereafter an automatic electric signal was installed and, save for occasional inspection by a caretaker, the station is untended.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

358. DAILY EXPENDITURES OF OIL, WICKS, AND CHIMNEYS, 1856 - 1860; Aug. 1864 - May 1925. Daily expenditure record of oil, wicks, and chimneys; record of time of lighting and extinguishing, length of time lighted each night, and daily record of general weather conditions. (Never.) 14 x 16 vols. (15), and sheets, 10 in., in wooden box. Dirty, torn, scattered, and bindings broken. Garage. (286)

359. PUBLIC LETTERS, 1858 - 1861. Copies of letters sent from this station to all points. (Never.) 9 x 12 vol., 1 in., in wooden box. Damaged by rodents, careless handling, faulty containers, dirty, and bindings broken. Garage. (284)

360. RECORD OF VESSELS PASSING, July 1870 - June 30, 1876. Record of number of ships passing, and a statement of weather conditions surrounding the light. (Never.) 10 x 14 books (2) and 14 x 16 sheets, 2 in., in wooden box. Damaged by rodents, careless handling, faulty containers, dirty, torn, scattered, and bindings broken. Garage. (274)

361. MISCELLANEOUS CORRESPONDENCE, 1872 - 1910. Personal and official correspondence to all points. (Never.) Various sized bundles, 2 ft., in sack. Damaged by careless handling, faulty containers, dirty, and scattered. Garage. (282)

362. ANNUAL RETURN OF SUPPLIES AND KEEPER'S LIST OF YEARLY SUPPLIES, 1873 - 1905. Form 48B, record of annual return of supplies to headquarters, and Form 210, record of yearly supplies received and on hand. (Never.) 10 x 14 sheets, 8 in., in wooden box. Damaged by careless handling, faulty containers, dirty, torn, and scattered. Garage. (277)

363. JOURNAL OF LIGHT STATION, Jan. 1873 - May 1928. Form 306, record of important events at the station, and daily entry of weather conditions. (Never.) 10 x 14 vols. (6), 1 ft., in wooden box. Damaged by rodents, careless handling, faulty containers, dirty, torn, and bindings broken. Garage. (275)

364. GENERAL ACCOUNT OF SUPPLIES RECEIVED AND CONSUMED, Aug. 1882 - June 30, 1905. Tabulated monthly record of supplies received, consumed, and on hand. (Never.) 14 x 16 vols. (3), 2 in., in wooden box. Damaged by rodents, careless handling, faulty containers, dirty, and bindings broken. Garage. (285)

365. REGISTER OF VISITORS, 1892 - 1913. Daily register signed by visitors to this station. (Never.) 16 x 21 vol., 2 in., in wooden box. Damaged by rodents, careless handling, faulty containers, dirty, and bindings broken. Garage. (283)

366. CIRCULAR LETTERS, 1905 to date. Copies of circular letters and general correspondence. This is the only current record kept by keeper. (Rarely, official.) 10 x 12 folders, envelopes and loose-leaf books (4), 1 ft. 6 in., in wooden box. Damaged by rodents, careless handling, faulty containers, brittle, dirty, torn, scattered, and bindings broken. Garage. (280)

367. WATCH BOOK, Nov. 1912 - Mar. 1926. Form 316, keeper's record of departure and arrival at station, and condition of light. Signed by keeper. (Never.) 10 x 12 vols. (3), 2 in., in wooden box. Damaged by rodents, careless handling, faulty containers, dirty, torn, scattered, and bindings broken. Garage. (276)

368. CORRESPONDENCE, 1916 - 1924. Miscellaneous private and public correspondence covering all subjects relative to the keeper. (Never.) 10 x 12 bundles, 1 ft., in wooden box. Damaged by rodents, careless handling, faulty containers, dirty, torn, and scattered. Garage. (281)

369. KEEPER'S ANNUAL PROPERTY RETURN AND RECEIPT, 1916 - 1924; 1927; 1936. Form 30, keeper's receipt and record of property returned to headquarters. (Never.) 10 x 12 vols. (3), 1 in., in wooden box. Damaged by rodents, careless handling, faulty containers, dirty, torn, scattered, and bindings broken. Garage. (278)

370. KEEPER'S ANNUAL REQUISITIONS, 1916 - 1932; 1936. Form 36, copy of requisitions for supplies and equipment. (Never.) 8 x 12 vols. (8), 1 ft., in wooden box. Damaged by rodents, careless handling, faulty containers, dirty, torn, and scattered. Garage. (279)

SANTA CRUZ

EIGHTEENTH LIGHTHOUSE DISTRICT SANTA CRUZ LIGHT STATION

The initial appropriation, \$30,000, for a light and fog signal at the entrance to Santa Cruz harbor was approved by Congress on August 31, 1852. A condemnation suit of the site selected by the Coast Survey was instituted soon after that date, but the title was not confirmed until 1868. The station was completed and the light first exhibited in 1869. A steam fog signal was also placed in operation on May 29, 1871, but was later discontinued.

In 1879 it was necessary to move the tower and station further inland, due to the undermining of the first site by the sea. In 1909 extensive improvements were made.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

371. DAILY EXPENDITURES, Jan. 1870 - Dec. 31, 1912. Form 300, daily record of materials such as wicks and oil. (Occasionally, official.) 13 $\frac{1}{2}$ x 16 $\frac{1}{2}$ vols., 1 in., in wall cabinet. Attic. (246)

372. OFFICIAL CORRESPONDENCE, 1870 to date. Correspondence to and from keeper and superintendent at San Francisco. (Occasionally, official.) 10 x 11 vols., 1 ft. 4 in., in wall cabinet and in bookcase. Attic and Office. (229, 249)

373. JOURNAL OF LIGHT STATION, Aug. 11, 1872 to date. Form 306, record of work performed for the upkeep of this station; record of rainfall, frost, and weather conditions, and important events under jurisdiction of this service. (Occasionally, official.) $8\frac{1}{2}$ x 14 vols., $5\frac{1}{2}$ in., in wall cabinet and in bookcase. Attic and Office. (240, 244)

374. KEEPERS' ANNUAL REPORTS, PROPERTY RETURN, AND REQUISITION, June 30, 1875 to date. Forms 30 and 210, records of government property showing condition and date received and amount used; accompanied by requisition stating estimated or calculated requirements for the coming year. (Occasionally, official.) 8 x $10\frac{1}{2}$ folders and bundles, 11 in., in wall cabinet and in bookcase. Attic and Office. (236, 245)

375. REGISTER OF VISITORS, 1892 - July 8, 1917. Contains signatures of visitors at this lighthouse, and date visited. (Occasionally, official.) 11 x 18 vols., $3\frac{1}{2}$ in., in wall cabinet. Attic. (248)

376. INSTRUCTIONS TO LIGHTHOUSE KEEPER, 1902. Book published by authority of Lighthouse Board contains instructions, diagrams, and charts regarding the handling and manipulation of lighthouse machinery. (Occasionally, official.) 9 x 12 vol., 1 in., in wall cabinet. Attic. (242)

377. LIGHTHOUSE SERVICE BULLETIN, 1912 - Mar. 1936. Published monthly by authority of the Lighthouse Board; contains new regulations, matters of general interest, and information for lighthouse keepers. (Occasionally, official.) 6 x 9 vols., 4 in., in wall cabinet. Attic. (243)

378. WATCH BOOK, Jan. 14, 1913 to date. Form 316, record of change of watches, time on duty of each watch while light is in operation, condition of light, electric current used, and use of emergency light. (Occasionally, official.) 9 x $11\frac{1}{2}$ vols., $3\frac{1}{2}$ in., in wall cabinet and in bookcase. Attic and Office. (239, 247)

379. GOVERNMENT INVOICE OF GOODS SHIPPED, 1916 to date. Form 27, list of goods shipped to this lighthouse by lighthouse depot at Yerba Buena Island. (Occasionally, official.) $9\frac{1}{2}$ x 12 folders, 1 in., in bookcase. Office. (231)

380. MONTHLY REPORT, 1916 to date. Form 65 shows condition of illuminating apparatus and all buildings; includes record of repairs done, light consumed and cost of operation, supplies used and on hand, monthly rainfall, and absences of personnel. (Occasionally, official.) 8 x $10\frac{1}{2}$ folders, 2 in., in bookcase. Office. (238)

381. ORDERS TO FIRMS, AND WORK AUTHORIZATIONS, 1916 to date. Form 32, authorization for work recommended to be done for a specified sum; shows itemized costs of labor and materials used; also orders issued by superintendent of lighthouses at San Francisco to commercial firms for materials and services to be furnished to Santa Cruz lighthouse. (Occasionally, official.) $9\frac{1}{2}$ x 12 folders, 2 in., in bookcase. Office. (230)

382. TIME SHEET OF LABOR, 1916 to date. Form 46, monthly record of time and pay of labor hired. (Occasionally, official.) $8 \times 10\frac{1}{2}$ folders, 1 in., in bookcase. Office. (232)

383. CERTIFICATE OF LOST PROPERTY, Feb. 4, 1917 - May 9, 1936. Form 28, statement signed by keeper certifying to the loss of property through theft or otherwise. (Occasionally, official.) $8 \times 10\frac{1}{2}$ folders, 1 in., in wall bookcase. Office. (234)

384. RECORD OF INSPECTION, July 1926 - 1935. Form 307, records of inspections at irregular intervals showing date and signature of inspector; recommendations and instructions regarding repairs, additions, and equipment; also keeper's record of fulfillment of above mentioned instructions. (Occasionally, official.) $9\frac{1}{2}$ x 12 vol., $\frac{1}{2}$ in., in bookcase. Office. (233)

385. EMERGENCY REQUISITION, n.d. Form 95, requisition for material or work required immediately. (Occasionally, official.) $8 \times 10\frac{1}{2}$ folders, 1 in., in bookcase. Office. (237)

386. SURVEY OF PUBLIC PROPERTY, n.d. Form S-3, list made by the keeper of useless articles that have been examined by inspectors; also record of disposal of such as have approval of superintendent. (Occasionally, official.) 8×10 folders, 1 in., in bookcase. Office. (235)

SOUTHAMPTON SHOAL

EIGHTEENTH LIGHTHOUSE DISTRICT SOUTHAMPTON SHOAL LIGHT STATION

This station, marking a shoal in the heavily traveled northern part of San Francisco Bay, was established in 1905.

A 550 candlepower light is now exhibited, and a diaphone fog signal operated.

(not surveyed)

TRINIDADEIGHTEENTH LIGHTHOUSE DISTRICT
TRINIDAD HEAD LIGHT STATION

The light on Trinidad Head, a bluff projecting into the ocean about one-half mile northwest of the town of Trinidad, was first exhibited on December 1, 1871. It is a 4th order light (18,000 candlepower), 196 feet above sea level and visible 20 miles.

A fog bell was received in November, 1891, but it was deemed inadvisable to install it as the elevation would render its sound inaudible at sea level. After a topographical survey was made and a suitable site selected, the fog bell was put in operation on July 15, 1898.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

387. JOURNAL OF LIGHT STATION, Nov. 1872 to date. Daily and monthly record of work performed by keepers such as upkeep of station, important events, and weather conditions. Recorded chronologically. (Daily, official.) 9 x 14 vols., 2 in., on desk. Office. (4)

388. CHART OF TRINIDAD HARBOR, 1890. Shows latitude, longitude, sailing directions, dangers, tides, and soundings. (Rarely, official.) 18 x 21½ chart, in cabinet. Office. (9)

389. REGISTER OF VISITORS, July 1893 to date. Shows date, name, and address of visitor. Recorded chronologically. (Daily, official.) 12 x 18 vols., 2 in., on desk. Office. (7)

390. BLUE PRINTS, 1913 - 1914; 1918; 1928. One blue print of standard flag pole, two prints of addition to dwelling, two prints of tank and rain shed, and prints for installation of gas engine driven pump. (Rarely, official.) 24 x 24 sheets, 1/8 in., in cabinet. Office. (10)

391. WATCH BOOK, Sept. 1922 to date. Shows date, time of watch, condition of light, condition of fog signal, and signature of keeper. Recorded chronologically. (Daily, official.) 10 x 12 vol., 1 in., on desk. Office. (6)

392. RECORD OF ABSENCES, July 1928 to date. Shows name of person, time left and returned to station, and reason for absence. Recorded chronologically. (Daily, official.) 9 x 14 vol., 1 in., on desk. Office. (5)

393. RECORD OF FOG SIGNAL, Apr. 1935 to date. Shows kind of weather affecting visibility, whether fog, snow, or smoke; kind of signal used, whether diaphone, whistle, siren, bell, radio, or submarine, and period of time in use; also monthly statement of supplies for fog signal. Recorded chronologically. (Daily, official.) 8 x 12 vol., 1 in., on desk. Office. (8)

VENTURAEIGHTEENTH LIGHTHOUSE DISTRICT
ANACAPA ISLAND LIGHT STATION

Recommendations for a light on Anacapa Island to guard the east entrance to the Santa Barbara Channel, were made by the Lighthouse Board as early as 1868. Instead, a light was erected on the mainland side of the channel at Hueneme in 1874.

In 1912 an acetylene beacon was placed on the eastern end of the island and this served until 1932. On March 25 of that year a 3d order light, visible 23 miles, was exhibited, and a fog signal installed.

The lighthouse service also operates a radiobeacon and distance finding station (synchronized radiobeacon and sound signal) at this station.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

394. RADIO LOG, Aug. 3, 1930 to date. Form 305, record of radio stations called by this station; gives date, time, and general remarks. (Daily, official.) 10 x 12 vols. (2), 2 in., on wooden shelf. (112)

395. JOURNAL OF LIGHT STATION, Feb. 19, 1932 to date. Form 306, daily record of weather conditions and amount of work performed. (Daily, official.) 9 x 14 vols. (4), 6 in., on wooden shelf. (110)

396. CORRESPONDENCE, Mar. 1932 to date. General correspondence and circulars; also a few old circulars, dating back to 1920, sent by superintendent when this station was commissioned. (Frequently, official.) 10 x 12 loose-leaf books (3), 1 ft., on wooden shelf. (105)

397. FOG SIGNAL RECORD, Mar. 1932 to date. Form 302, record of number of fog hours, and length of time fog signal was in operation. (Daily, official.) 9 x 12 vols. (3), 2 in., on wooden shelf. (111)

398. MONTHLY REPORTS, Mar. 1932 to date. Form 65, monthly report to the superintendent covering the absences of keeper, and general condition of station; also a few Forms 66 containing part of this information which was combined in 1933 into Form 65. (Monthly, official.) $8\frac{1}{2}$ x 11 envelopes, $\frac{1}{2}$ in., on wooden shelf. (113)

399. GENERAL ACCOUNT OF SUPPLIES RECEIVED AND CONSUMED, Mar. 11, 1932 to date. Treasury Form 303. (Occasionally, official.) 14 x 17 vol., 1 in., on wooden shelf. (108)

400. REQUISITIONS AND INVOICES, Mar. 20, 1932 to date. Copies of purchase orders, invoices, and requisitions for supplies. (Occasionally, official.) $8\frac{1}{2}$ x 11 envelopes (14), 1 ft., on wooden shelf. (107)

401. WATCH BOOKS, Mar. 25, 1932 to date. Form 316, record of time of watch, and condition of light and fog signal; signed by keeper. (Daily, official.) 9 x 12 vols. (2), 2 in., on wooden shelf. (106)
402. KEEPER'S ANNUAL PROPERTY RETURN, July 1932 to date. Form 30, record of articles on hand and consumed, and condition of property. Form 36, keeper's annual requisition, dated Feb. 1933. This form was combined with Form 30. (Annually, official.) 8 x 10 $\frac{1}{2}$ vols. (8), 6 in., on wooden shelf. (104)
403. RECORD OF INSPECTIONS, Sept. 1932 to date. Form 307, record of remarks of inspector upon his visits of inspection. (Yearly, official.) 8 $\frac{1}{2}$ x 14 vol., $\frac{1}{2}$ in., on wooden shelf. (109)

YERBA BUENA ISLAND

EIGHTEENTH LIGHTHOUSE DISTRICT

LIGHTHOUSE DEPOT

- (A) Oil House
- (B) Warehouse No. 3
- (C) Service Depot Bldg.

Permission to use a part of Yerba Buena Island for a lighthouse depot was granted by the War Department on May 27, 1872. The following year the depot was completed and occupied, and a former depot at Mare Island was then abandoned.

This depot served only this lighthouse district except for the short periods when depots were established at Eureka and San Diego (now used for storage), and until a depot to serve the southern part of the district was completed and occupied on Terminal Island, Los Angeles harbor on October 1, 1934.

The depot is used for storing, repairing, and shipping buoys, lighthouse supplies, and equipment. Lighthouse tenders used to transport and service buoys and to carry supplies to light stations, and a relief lightship are stationed here.

Obsolete and useless records are destroyed when permission to do so is received from Washington. No records are sent to Washington. Included with the depot records are some records from the Fort Point Light Station which were sent here for storage when that station was abandoned in 1934.

404. MAPS AND CHARTS, 1852 - 1895. Obsolete maps and charts of Atlantic and Pacific coast shorelines, published by the Geodetic Survey. (Never.) Various sized rolls (8), 2 ft. Dirty and torn. Stored on rafters (Bldg. A). (6941)

405. RECEIPTS FOR OLD BILLS, 1857 - 1884. For supplies, work, repairs, drayage, and miscellaneous expenses for the Lighthouse Establishment; filed with or paid at the inspector's office of the

former Twelfth Lighthouse District by the U. S. Naval Commander acting as inspector in charge. (Never.) $3\frac{1}{2}$ x $8\frac{1}{2}$ folded papers, 5 ft. 3 in., in wooden box. Damaged by water, dirty, and ink faded. Stored on rafters (Bldg. A). (7169)

406. ENGINEERS' LETTER BOOK, 1858 - 1867. Official letters to the engineering department relative to instructions, letters, circulars and special orders from the War Department, and topographical engineer's report dated Sept. 18, 1858. Engineers' letters and official letters, special orders, reports and circulars received by Lt. Col. R. S. Williamson, U.S. Topographical Engineer, Department of the Pacific, dated from Sept. 18, 1858 to Feb. 28, 1867; also special orders from Adjutant General E. D. Townsend, War Department, Washington, D. C., dated Sept. 18, 1858 regarding construction of military roads in Oregon and Washington territories and California; special orders, Headquarters, 9th Army Corps, Aquia Creek, Virginia, Aug. 4, 1862, signed by Lewis Richmond, Adjutant General stating result of medical examination of Capt. R. S. Williamson, and signed by Josia Letterman, Medical Director, Bureau of Topographical Engineers, Washington, 1862 - 1863; engineer's orders and letters signed by Maj. J. C. Woodruff; engineer's orders and letters, Washington, 1863; and several letters signed by Brigadier General Joseph G. Totten, Chief of Engineers, regarding the death of brother officers killed in action. (Never.) 9 x 11 stub file, $2\frac{1}{2}$ in., in wooden box. Dirty. Stored on rafters (Bldg. A). (7295)

407. JOURNAL OF LIGHTHOUSE AND BUOY TENDER SHUBRICK, 1858 - 1859; 1869 - 1872. Daily signed report by the officer in charge of the deck watch; shows position of vessel and condition of weather, fuel, water, and supplies expended; condition of the vessel, detailed report of all work and repairs done on the ship, and information of all incidents and events. (Never.) 12 x 18 vols. (2), 4 in., in wooden box. Damaged by water and vermin and dirty. Stored on rafters (Bldg. A). (6400)

408. JOURNAL OF VESSELS WHICH PASSED IN THE VICINITY OF THE LIGHTHOUSE, 1858 - 1862; 1866 - 1870. Gives date, different classes of vessels, and total number sighted during the day. (Never.) 13 x 16 books, 1 in., in wooden box No. 17. Damaged by vermin and dirty. Stored on rafters (Bldg. A). (6443)

409. LEDGER, 1859. Chief clerk's daily record of salary and incidental expenses paid to the employees of the Lighthouse Establishment. (Never.) 9 x 14 vol., $1\frac{1}{2}$ in., in wooden box No. 12. Damaged by water and vermin and dirty. Stored on rafters (Bldg. A). (6397)

410. METEOROLOGICAL OBSERVATIONS, 1859 - 1860; 1866 - 1868. Field books of hourly meteorological observations taken at Astoria, Oregon; Forest Grove, Mount Diablo, Hope Valley, Stockton, California; Camp Babbitt and Fort Dalles. (Never.) 10 x 12 vols. (7), 4 in., in wooden box No. 10. Damaged by water and vermin, dirty, and bindings broken. Stored on rafters (Bldg. A). (6943)

411. POSITIONS OF BEACON AND BUOYS, 1860 - 1864; 1877; 1878; 1881 - 1891. Record of the location and name of the lightship, buoy, day beacon, or signal, class and color, compass and sextant angles for locating them, remarks on position of danger covered, and further description of surrounding waters and channels. (Never.) 10 x 16 vols. (3), 3 in., in wooden box No. 20. Damaged by water, vermin, careless handling and faulty containers, dirty, and bindings broken. Stored on rafters (Bldg. A). (6395)

412. RECEIPTS FOR PROPERTY, 1860 - 1895. Form 31, signed and certified account, issued in triplicate, of supplies on hand at lighthouse on date of transfer from retiring keeper to the new lighthouse keeper; one copy retained by new attendant. (Never.) $3\frac{1}{2}$ x $8\frac{1}{2}$ folded sheets, 1 ft. 7 in., in box No. 5. Dirty. Stored on rafters (Bldg. A). (7173)

413. EXAMINATIONS OF SITES, MILITARY DEFENSES, ETC., 1863 - 1864. Memoranda and copies of letters sent to Capt. R. S. Williamson regarding the examination of sites for military defenses of San Francisco Harbor, with particular mention of the project for fortifying Point Cabrillo, Point San Jose, and Yerba Buena Island. (Never.) $3\frac{1}{2}$ x 8 folded papers in bundle, $1\frac{1}{2}$ in., in wooden box No. 20. Dirty. Stored on rafters (Bldg. A). (7250)

414. FORT BELLINGHAM, 1863. Letter from War Department addressed to Brigadier General George Wright, advising him to make a survey of Fort Bellingham, and a report by Captain R. S. Williamson covering the survey made. This report while not signed by Capt. Williamson was evidently his memorandum. (Never.) $3\frac{1}{2}$ x 8 folded sheets, 1/8 in., in wooden box No. 20. Dirty. Stored on rafters (Bldg. A). (7296)

415. LIGHTHOUSE ENGINEERS' LETTERS TO LIGHTHOUSE BOARD, 1863 - 1866. Letters pertaining to the lighthouse engineers' activities covering surveys of lighthouse sites, construction of lighthouses, and departmental letters pertaining to the operation of the lighthouse department; also a letter dated Feb. 4, 1863, from W. B. Shubrick, Engineer of the former 12th Lighthouse District. (Occasionally, official.) 9 x $10\frac{1}{2}$ stub file, 2 in., in wooden box No. 20. Dirty. Stored on rafters (Bldg. A). (7462)

416. LETTERS RELATIVE TO ACCOUNTS AND FUNDS, 1866 - 1868; 1871 - 1872. Between Treasury Department and Lighthouse Board; pertain to accounts and funds of the Lighthouse Establishment. (Never.) 9 x 11 stub files, 3 in., in wooden box A. Damaged by water, vermin, careless handling and faulty containers, dirty, and bindings broken. Stored on rafters (Bldg. A). (6944)

417. ROADS IN NORTHERN COAST RANGE, 1866. Report by D. M. Gall on the roads and trails in the northern coast range between the Sacramento Valley and the ocean, from Russian River district to Humboldt County. (Never.) $3\frac{1}{2}$ x 8 folded sheets, $\frac{1}{4}$ in., in wooden box No. 20. Stored on rafters (Bldg. A). (7493)

418. APPROPRIATIONS, 1867 - 1881. Vouchers and receipts for monies expended from appropriation for supplies and materials purchased, services rendered, and expenses incurred in the maintenance and service of the Lighthouse Establishment. (Never.) $3\frac{1}{2}$ x $8\frac{1}{2}$ bundles, 6 ft. 4 in., in wooden box No. 11. Dirty. Stored on rafters (Bldg. A). (6808)

419. QUARTERLY RETURNS OF STRIKING OF FOG BELL, 1867 - 1872. Lighthouse keeper's printed form for daily entry of time fog bell rang during foggy or thick weather; report given quarterly to inspector. (Never.) 6 x 10 folded sheets, 2 ft. 2 in., in wooden box No. 5. Stored on rafters (Bldg. A). (7170)

420. SANTA CRUZ LIGHTHOUSE, 1867. Abstract of title to 10 acres of land at Moore's Ranch, Santa Cruz for lighthouse purposes; also correspondence covering negotiations to purchase this land. (Never.) $3\frac{1}{2}$ x 8 folded sheets, 1 in., in wooden box No. 20. Dirty. Stored on rafters (Bldg. A). (7494)

421. CORRESPONDENCE, 1868 - 1881. Pertains to acquisition of land for light stations; letters from different light keepers, letters of instruction to light stations, and correspondence pertaining to routine affairs of the Lighthouse Board. (Never.) $3\frac{1}{2}$ x $8\frac{1}{2}$ folded sheets, 4 ft. 6 in., in wooden box No. 11. Dirty. Stored on rafters (Bldg. A). (6807)

422. MONTHLY REPORT OF FOG SIGNAL, 1868 - 1892. Forms 66, 67 and 85, fog and bell signal reports from all lighthouse stations show time fires were started under boilers, time signal was used, duration of fog or snow, reading of barometer and thermometer, amount of coal, wood, oil, and tallow used; with remarks on the wind and weather; signed by the keeper. (Never.) $3\frac{1}{2}$ x 10 folded sheets, 10 ft. 6 in., in wooden boxes Nos. 2 and 5. Dirty. Stored on rafters (Bldg. A). (7174)

423. POINT ARGUELLO LIGHTHOUSE SITE, 1868 - 1869. Correspondence relative to the acquisition of land for a lighthouse at Point Arguello. (Never.) $3\frac{1}{2}$ x 8 bundle, $\frac{1}{4}$ in., in wooden box No. 20. Damaged by water and dirty. Stored on rafters (Bldg. A). (7248)

424. ABSENCE REPORTS, 1869 - 1894. Forms 69 and 73, keeper's monthly reports of all absences from the station; show hours, date left and date returned, for what purpose or necessity in each case; signed and submitted to the lighthouse inspector. (Never.) $3\frac{1}{2}$ x 8 folded sheets, 4 ft. 9 in., in wooden box No. 8. Dirty. Stored on rafters (Bldg. A). (6386)

425. ABSTRACT JOURNAL, 1869 - 1881; 1886 - 1894. Form 53 (changed to Form 41) showing work of light vessel, and mentioning all lights observed, position of vessel, hours of passage, wind and weather, where and how employed, general remarks on service, buoys examined, and occurrences of interest to the service. (Never.) 4 x $9\frac{1}{2}$ folded sheets, 2 ft. 5 in., in wooden boxes Nos. 5 and 6. Dirty. Stored on rafters (Bldg. A). (7176)

426. ANNUAL RETURNS, OFFICE FURNITURE, 1869; 1872 - 1876; 1888. Form 24, yearly inventory and statement of office furniture, instruments, and miscellaneous articles on hand belonging to the Lighthouse Establishment in the office of the former 12th Lighthouse District at San Francisco. (Never.) $3\frac{1}{2}$ x 8 folded sheets, 3 in., in wooden box No. 6. Dirty. Stored on rafters (Bldg. A). (6622)
427. CAPE MENDOCINO, 1869. Letters to Rear Admiral W. B. Shubrick from Q. M. Poe, Engineer, Secretary of the Lighthouse Board, with reference to the construction of a lighthouse at Cape Mendocino. (Never.) $3\frac{1}{2}$ x 8 folded sheets, $\frac{1}{4}$ in., in wooden box No. 20. Dirty. Stored on rafters (Bldg. A). (7251)
428. MONTHLY REPORT OF FUEL EXPENDED, 1869 - 1873. Monthly account of fuel received and expended on board the lighthouse tender Shubrick, showing when received, amount remaining, and stations visited, with remarks pertaining to condition of fuel. (Never.) $3\frac{1}{2}$ x $8\frac{1}{2}$ folded sheets, 2 in., in wooden box No. 5. Dirty. Stored on rafters (Bldg. A). (6439)
429. PIGEON POINT AND POINT ANO NUEVO, 1869 - 1870. Correspondence, information, instructions, copies of deeds, and general data in reference to the purchase of land for lighthouse sites at Pigeon Point and Point Ano Nuevo. (Never.) $3\frac{1}{2}$ x 8 bundle, 2 in., in wooden box No. 20. Dirty. Stored on rafters (Bldg. A). (7245)
430. POINT REYES LIGHTHOUSE SITE, 1869. Letters from W. B. Shubrick, Chairman of the U. S. Lighthouse Board, authorizing Col. R. S. Williamson to purchase parcel of land for lighthouse at Point Reyes. (Never.) $3\frac{1}{2}$ x 8 folded sheets, $\frac{1}{4}$ in., in wooden box No. 20. Dirty. Stored on rafters (Bldg. A). (7249)
431. EXAMINATION OF CENTRAL PACIFIC AND WESTERN PACIFIC RAILROADS, AND TELEGRAPH LINES, Jan. 25, 1869. Copy of report by special Board of Commissioners appointed by the President of the United States for the examination of the Central Pacific and Western Pacific Railroads, and telegraph lines, with accompanying photographs of tunnels and bridges of the railroad survey. This fifty-one page report is very thorough in detail, covering the construction of the railroad from New York to San Francisco, and containing a general description of the country traversed, difficulties encountered, and estimates for construction on certain portions of the railroad, and other sections of the road completed at the time of the examination. The report is signed by Sherman Day, R. S. Williamson and Lloyd Tevis, special commissioners, and addressed to the Hon. A. H. Browning, Secretary of the Interior. (Never.) 8 x 12 covers, $\frac{1}{4}$ in., in wooden box No. 20. Damaged by water, brittle, dirty, torn, and faded. Stored on rafters (Bldg. A). (7294)
432. ACCOUNT OF SUPPLIES, 1870 - 1883; 1889 - 1898. Depot keepers' accounts of all supplies disbursed and delivered to the light stations for the maintenance of service and upkeep of properties. (Never.) $8\frac{1}{2}$ x 14 (2) and 12 x 18 (6) vols., 1 ft., in

wooden boxes Nos. 12 and 18. Dirty. Stored on rafters (Bldg. A). (6398)

433. ANNUAL RETURNS OF VESSELS PASSING IN THE VICINITY OF LIGHTHOUSE, 1870 - 1880. Form 57, annual report, divided quarterly, of all vessels passing in the vicinity of lighthouse or light vessel; shows number of vessels for each period, and designates type. (Never.) $3\frac{1}{2}$ x 8 folded sheets, 8 in., in wooden box No. 5. Dirty. Stored on rafters (Bldg. A). (6695)

434. DISBURSING OFFICERS' ACCOUNT BOOKS, DAY BOOKS, JOURNALS AND LEDGERS, 1870 - 1883. From the San Francisco office of the former 12th Lighthouse District; contain entries of receipt of monies from the Treasurer, and an accounting of disbursements for salaries and expenses. (Never.) 8 x $12\frac{1}{2}$ (2) and 9 x 14 (8) vols., 1 ft., in wooden box No. 12. Damaged by vermin and dirty. Stored on rafters (Bldg. A). (6391)

435. QUARTERLY MUSTER ROLLS, 1870 - 1875; 1881 - 1886. Form 30, quarterly statement by the master of the vessel shows name, address, rating, rate of pay, birth place, and description of each member of the crew employed on the vessel. (Never.) $3\frac{1}{2}$ x $8\frac{1}{2}$ folded sheets, 4 in., in wooden box No. 5. Dirty. Stored on rafters (Bldg. A). (6437)

436. ABSTRACTS OF DISBURSEMENT, WITH VOUCHERS, 1872 - 1896; 1906 - 1908. Forms 3 and 4, quarterly abstract of disbursement, with accompanying vouchers of disbursement, Forms 2, 4, 4A, 4 small, 5, 5A, 6, 7, 7A, 28, 29, and 60; also receipts of current expense accounts pertaining to pay rolls, expense of buoyage, supplies for lighthouses, depots, vessels, and services rendered; Form 2, affidavit certifying accuracy of abstract and expenditures. (Never.) $3\frac{1}{2}$ x $8\frac{1}{2}$ folded sheets, 29 ft. 10 in., in wooden boxes Nos. 3, 4, 12 and 17. Dirty, faded, and damaged by water and careless handling. Stored on rafters (Bldg. A). (6389, 6401)

437. ACCOUNT OF SUPPLIES DELIVERED TO LIGHT STATIONS, 1872; 1883. Form 72, account of all supplies delivered to different light stations; shows kind, number, and quantity of articles. (Never.) $4\frac{1}{2}$ x $9\frac{1}{2}$ folded sheets, $3\frac{1}{2}$ in., in wooden box No. 6. Dirty. Stored on rafters (Bldg. A). (6625)

438. ACTUAL EXPENSE REPORT OF LIGHTHOUSE TENDER, 1872 - 1889. Form 45, monthly report, signed by the inspector of engineers, covering the actual expenses of the lighthouse tenders. (Never.) $3\frac{1}{2}$ x $8\frac{1}{2}$ folded sheets, 4 in., in wooden boxes Nos. 5 and 6. Dirty. Stored on rafters (Bldg. A). (6441)

439. DISBURSING OFFICER'S CHECKS ON ASSISTANT TREASURER, 1872 - 1895. Stubs of checks issued by the disbursing officer for salaries and supplies in the former 12th and 13th Lighthouse Districts. (Never.) $4\frac{1}{2}$ x $7\frac{1}{2}$ (60) and $7\frac{1}{2}$ x $12\frac{1}{2}$ (14) vols., 4 ft. 4 in., in wooden case No. 5. Dirty. Stored on rafters (Bldg. A). (6384)

440. EXPENDITURES OF LIGHTHOUSE STATIONS, 1872 - 1875. Abstract of yearly expenditures for supplies, materials, and all charges for the maintenance of each light station. (Never.) $11\frac{1}{2}$ x 16 vols. (3), 4 in., in wooden box No. 2. Damaged by water, careless handling and faulty containers, dirty, and bindings broken. Stored on rafters (Bldg. A). (6399)

441. LETTERS RECEIVED, 1872. Files marked: U. S. Lighthouse Tender Fern, Mare Island; Mare Island, Point Fermin, and Piedras Blancas; San Pablo Light Station; Anacapa, Point Hueneme, Farallon; Pigeon Point; Crescent City; Humboldt Bay; Point Arena; Fort Point; Point Conception; Ano Nuevo; Santa Cruz; Trinidad Head; Cape Mendocino; Point Bonito; Santa Barbara; Point Loma. Correspondence covers: letter relating to the voyage of the Lighthouse Tender Fern from New York to San Francisco; correspondence relating to the establishment of a lighthouse on Mare Island; letter from Juan Castro to Lighthouse Establishment from Monterey regarding occupants of Piedras Blancas Point; letters covering the condemnation proceedings relative to the acquisition of land at Point Fermin, San Pedro, for the purpose of erecting a light station; condemnation proceedings and correspondence covering the suit to acquire 12 acres of land at San Pablo Point for a light station (these letters mention the fact that this land was an old Spanish grant under litigation with more than 100 heirs); litigation and condemnation proceedings against Captain H. H. Buhne to acquire land for the Point Reyes Light Station in Mendocino County; also a newspaper clipping publishing the decision of the Supreme Court in reference to this case. Some of these letters might be of historic value as the "clouded" title to land at this particular period caused delay and litigation. (Occasionally, official.) 9 x 11 stub files (2), 7 in., in wooden box No. 20. Stored on rafters (Bldg. A). (7463)

442. MONTHLY RETURN, 1872 - 1894. Form 21, monthly report of spare buoys, sinkers, and ballast balls; shows where stored, number on hand, description and class, weight of sinkers, and length of chains. (Never.) $3\frac{1}{2}$ x 9 folded sheets, $2\frac{1}{2}$ in., in wooden box No. 6. Dirty. Stored on rafters (Bldg. A). (7175)

443. LAMPISTS' RETURNS, 1873; 1881 - 1887. Form 84, lampists' returns, quarterly report of the lamp inspector on all stations visited; shows work done, and general report on the condition of the lighthouse equipment, with recommendations for repairs and replacements. (Never.) $3\frac{1}{2}$ x $8\frac{1}{2}$ folded sheets, 2 in., in wooden box No. 5. Dirty. Stored on rafters (Bldg. A). (6440)

444. REPORT OF PERFORMANCE AND CONDITION OF BOILER AND MACHINERY, 1873 - 1894. Form 44, monthly reports made by the engineer of the lightship, and submitted by the master to the inspector of the Lighthouse Board. Show general information about the boiler, engine, and other mechanical equipment, fuel and oil consumed, and accompanied by a statement of repairs needed and made. (Never.) $3\frac{1}{2}$ x $8\frac{1}{2}$ folded sheets, 4 in., in wooden box No. 6. Dirty. Stored on rafters (Bldg. A). (7171)

445. STATEMENT OF PUBLIC FUNDS, 1873 - 1876. Form 108, weekly reports forwarded to the chairman of the Lighthouse Board by the disbursing agent; show the balance of unexpended funds on hand and deposited with the U. S. Assistant Treasurer. (Never.) $3\frac{1}{2}$ x 8 folded sheets, 2 in., in wooden box No. 5. Stored on rafters (Bldg. A). (6438)

446. FUEL DELIVERED TO LIGHTHOUSES, 1874; 1877; 1880 - 1887. Form 28, annual report of fuel delivered to lighthouses; shows date of delivery, name of station, amount of wood and coal delivered, value of fuel, and where paid. This report was forwarded to the Lighthouse Board on the 31st of December each year. (Never.) $3\frac{1}{2}$ x 7 folded sheets, 2 in., in wooden box No. 6. Dirty. Stored on rafters (Bldg. A). (6623)

447. JOURNAL OF LIGHT STATION, Dec. 15, 1874 - 1926. Complete daily record of all important events of the light station such as weather reports, work progress, officials visiting station, visibility of adjacent lights, absence of light keepers, and any irregularity in working of equipment or appliances at the station, or that noticed in other stations. (Never.) $8\frac{1}{2}$ x 14 vols. (4), 5 in., in wooden box No. 10. Damaged by vermin and dirty. Stored on rafters (Bldg. A). (6946)

448. REPORT OF SHIPWRECKS, 1876 - 1879. General report of shipwrecks at the following lighthouses: Point Pinos, Santa Cruz, Point Montara, Ft. Point, Alcatraz, Yerba Buena, Point Reyes, Cape Mendocino, Humboldt, Trinidad Head, and Crescent City; gives record of assistance rendered, cause of wreck, when vessel was first seen, and general remarks covering the disaster. (Never.) 13 x 17 paper-covered book, $\frac{1}{2}$ in., in wooden box No. 20. Dirty. Stored on rafters (Bldg. A). (7247)

449. SHIPWRECK JOURNALS, FORT POINT AND POINT FERMIN, Mar. 9, 1876 - Jan. 15, 1913; 1917. Journal of shipwrecks in the vicinity of Fort Point Light Station contains a report of 19 disasters; shows date, nationality, name and kind of vessel, where from, where bound, number of persons saved or lost, cause of wreck, and assistance given by the keeper and lighthouse attendants. Also a journal containing the same general information on shipwrecks occurring in the vicinity of Point Fermin Light Station. (Seldom, official.) $13\frac{1}{2}$ x $16\frac{1}{2}$ card-board-covered book and 13 x 17 paper-covered book, 1 in., in paste-board box and in wooden box No. 20. Damaged by water, careless handling, faulty containers, dirty, bindings broken, and ink faded. Storeroom, 3d floor and stored on rafters (Bldgs. C and A). (3573, 7246)

450. SEMI-ANNUAL ACCOUNT OF SUPPLIES, 1878 - 1887. Forms 20 and 44, semi-annual inventory by actual count of supplies delivered and remaining on hand on ship or in depot on the last days of June and December of each year. (Never.) $3\frac{1}{2}$ x $8\frac{1}{2}$ folded sheets, 4 in., in wooden box No. 5. Dirty. Stored on rafters (Bldg. A). (7172)

451. DESCRIPTION AND INVENTORY OF LIGHT VESSEL, 1879; 1881 - 1886. Form 40, yearly inventory and record by actual count of all government property on board the vessel. (Never.) 9 x 11 paper-covered books (7), 1 in., in wooden box No. 5. Dirty. Stored on rafters (Bldg. A). (6436)

452. EXPENDITURE OF SUPPLIES, 1879 - 1882. For the Lighthouse Establishment; contracted for, purchased, received and distributed to the various lighthouses and light vessels. (Never.) 12 x 17 vols. (2), $4\frac{1}{2}$ in., in wooden box No. 17. Damaged by water, vermin, rodents, careless handling and faulty containers, dirty, and bindings broken. Stored on rafters (Bldg. A). (6393)

453. ABSTRACT OF EXPENDITURES OF OIL, WICKS, AND CHIMNEYS, 1880 - 1892. Form 47 (changed to Form 34 in 1883), abstracts of oil, wicks, and chimneys used by the various lighthouse keepers, and taken from their daily return sheets. (Never.) 4 x $10\frac{1}{2}$ folded sheets, $2\frac{1}{2}$ in., in wooden box No. 5. Dirty. Stored on rafters (Bldg. A). (6442)

454. ABSTRACT OF FOG SIGNAL, 1880 - 1888. Form 68, monthly reports signed by inspector, covering all fog signals in the former 12th Lighthouse District; show kind of signal, total number of foggy days, hours of fog, length of time signal was used, and fuel and oil consumed. (Never.) 4 x 9 folded sheets, 5 in., in wooden box No. 6. Dirty. Stored on rafters (Bldg. A). (6640)

455. ABSTRACTS OF INSPECTION, 1880 - 1892. Form 63, quarterly reports of inspections made in the lighthouse district by commander in charge; state name of station visited, date of present and previous inspections, remarks on condition of station, and recommendations for improvement. (Never.) $3\frac{1}{2}$ x $8\frac{1}{2}$ folded sheets, 3 in., in wooden box No. 5. Dirty. Stored on rafters (Bldg. A). (6444)

456. BUOYS REPLACED, 1880 - 1894. Form 12 (changed to Form 43), reports of buoys replaced; show position of buoy, whether lost, changed or recovered; also gives data on appendages, remarks on cause of replacement, and work done. (Never.) $3\frac{1}{2}$ x 8 folded sheets, 7 in., in wooden box No. 6. Dirty. Stored on rafters (Bldg. A). (6639)

457. EXPENDITURE RETURNS OF OIL, WICKS, AND CHIMNEYS, 1880 - 1894. Form 33, daily report submitted quarterly by the light station keeper to the inspector; shows name of station, kind of light, amount of oil, wicks, and chimneys consumed and expended, time of lighting and extinguishing lamp, and remarks on general weather condition; recapitulation sheet added to folder. (Never.) 4 x $9\frac{1}{2}$ folded sheets, 7 ft. 4 in., in wooden box No. 1. Dirty. Stored on rafters (Bldg. A). (6388)

458. KEEPERS' REPORTS OF CONDITION OF LIGHT STATIONS, 1880 - 1894. Form 65, keepers' monthly reports on the condition of the light stations, buildings, grounds, towers, illuminating apparatus, fog signal, remarks on repairs needed and made, and signed and submitted to the lighthouse inspector. (Never.) $3\frac{1}{2}$ x 8 folded sheets,

4 ft. 6 in., in wooden box No. 8. Dirty. Stored on rafters (Bldg. A). (6385)

459. RETURN OF EXTRA SUPPLIES, 1881 - 1888. Form 26, quarterly reports forwarded to the Lighthouse Board covering all extra supplies furnished to the lighthouses and lighthouse tenders; show date of delivery, name and quantity of articles, from whom purchased, and cost to each station. (Never.) $3\frac{1}{2}$ x 8 folded sheets, 5 in., in wooden box No. 6. Dirty. Stored on rafters (Bldg. A). (6641)

460. INVENTORY, 1882 - 1892. Yearly inventory and account of all supplies on hand, with signature of storekeeper. (Never.) 4 x 9 folded sheets, 8 in., in wooden box No. 5. Dirty. Stored on rafters (Bldg. A). (6445)

461. RECORDS OF FOG SIGNAL, FORT POINT LIGHTHOUSE, 1883 - 1897; 1908 - 1934. Form 302, lighthouse keeper's record of time of observation and time completing observation of fog or smoke and its duration; also time of starting and stopping fog signal, with record of length of time signal was sounded, and amount of fuel used; monthly report of expenditure of fuel, and general report on mechanical condition of equipment. (Daily, official.) $8\frac{1}{2}$ x 14 vols. (17), 7 in., in cardboard box. Dirty. Storeroom, 3d floor (Bldg. C). (3430)

462. RETURN OF DELIVERIES BY SUPPLY VESSEL, 1883 - 1891. Form 29, report of supplies delivered to the different light stations by the supply vessel, and forwarded to the Lighthouse Board at the completion of each cruise. (Never.) 4 x 10 folded sheets, 3 in., in wooden box No. 6. Dirty. Stored on rafters (Bldg. A). (6624)

463. STEAM LOG, 1885 - 1894; 1899 to date. Form 308, daily signed reports by the officers in charge of the engineers' watch, concerning the engines, temperatures, distance run, and the fuel, oil, and water consumed; a detailed record of all work or repairs done on ship, and general information concerning occurrences of importance. (Older records, never; current records, daily, official.) Various sized vols. (267), 25 ft. 11 in., stacked on shelves and in pasteboard box. Damaged by rodents, careless handling, faulty containers, dirty, and bindings broken. Locker room No. 100, Lightship 76 locker room, Light Vessel 83 locker room, Sequoia deck locker room, Lupine engine locker room and Columbine locker room (Bldg. B). (3819, 3880, 3881, 3914, 4159, 4210, 4250, 4831, 4949)

464. CORRESPONDENCE, 1887 - 1930. Letters of instruction, circulars, and bulletins relative to the routine affairs of the lighthouse service. (Seldom, official.) 8 x $10\frac{1}{2}$ stub files (2), 8 in., on shelf in steel case. Dirty and torn. Office, NE. corner, 2d floor (Bldg. C). (3604)

465. SERVICE CARDS, 1891 - 1896; 1907 - 1929. Form 42, registry cards of seamen, compiled on day of employment; show name and address, physical description, citizenship, character, rating, monthly pay, date service ended, and certification by commanding officer.

(Occasionally, official.) 4 x 6 bundles (3), 1 ft. 2 in., on shelves. Dirty, damaged by water, careless handling and faulty containers, torn, scattered, bindings broken, and ink faded. Locker room 100 and Lightship 76 locker room (Bldg. B). (3852, 4209, 4943)

466. DECK LOG, 1898 - 1932. Form 304, daily signed reports of the officers in charge of deck watch; show position of vessel, condition of weather; fuel, water, and supplies expended; condition of the vessel, detailed report of all work and repairs done, and information of all incidents and happenings. (Older records, never; current records, daily, official.) Various sized vols. (205), 17 ft. 1 in., on shelves. Early records damaged by water, rodents, careless handling and faulty containers, brittle, dirty, torn, bindings broken, and ink faded. Locker room 100, Lightship 76 locker room, Sequoia deck locker room, Lupine locker room 1, and Lightship 83 locker room (Bldg. B). (3820, 3930, 4101, 4249, 4829, 4946)

467. FOG SIGNAL, 1899 - 1932. Form 302, lighthouse keeper's daily record of time at beginning and end of observation of fog or smoke, and duration; time of starting and stopping of fog signal. Shows amount of fuel used, monthly report of expenditure of fuel, and general report on mechanical condition of equipment. (Never.) 8½ x 14 paper-covered books (44) and vols. (8), 1 ft. 4½ in., in wooden box and on shelf. Damaged by water, careless handling and faulty containers, dirty, brittle, torn, bindings broken, and ink faded. Locker room 100, Lightship 76 and Light Vessel 83 locker rooms (Bldg. B). (3818, 4828, 4950)

468. GENERAL ACCOUNT OF SUPPLIES, 1902 - 1911. Account of all general supplies received and consumed on Light Vessel 70. (Never.) 14 x 16 paper-covered books (12), 4 in., on shelf. Damaged by water, careless handling and faulty containers, dirty, torn, scattered, bindings broken, and ink faded. Locker room 100 (Bldg. B). (3851)

469. INVOICES, CORRESPONDENCE, BULLETINS, RECEIPTS, AND ORDERS FOR ARTICLES OR SERVICES, FORT POINT LIGHTHOUSE, 1902 - 1934. Correspondence, bulletins, bills and invoices relative to the affairs of the keeper and the light station. (Never.) 8 x 10½ bundles, 1 ft. 2 in., in cardboard box. Dirty. Storeroom, 3d floor (Bldg. C). (3475)

470. CORRESPONDENCE, CIRCULAR LETTERS AND BULLETINS, 1903 - 1932. Correspondence and material relative to the affairs of the light-service; acted upon and filed for any future information or reference. Some of the correspondence is between the depot keeper and officials in the Lighthouse Bureau relating to supplies, equipment, operation of the light, employees' duties, and reports of activities. (Older records, never; current records, occasionally, official.) 8 x 10½ and 8½ x 11 bundles (29), roll and stub files (3), 6 ft. 11 in., on shelves. Damaged by rodents, careless handling and faulty containers, dirty, and bindings broken. Lupine locker room 1, Light Vessel 83, Sequoia deck locker room, and Lightship 76 locker room (Bldg. B). (4068, 4121, 4508, 4833, 5004)

471. ROUGH BUOYAGE LOG, 1903 - 1928. Memorandum of visits and work performed on the lights, signals, and buoys; to be transferred to official Form 77 for the superintendent's information and record. (Occasionally, official.) $8\frac{1}{2}$ x 14 vols. (12), 10 in., on shelf. Damaged by rodents, dirty, and bindings broken. Sequoia deck locker room (Bldg. B). (4307)

472. REGISTER OF VISITORS, 1904 - 1918. Form 318, used by visitors to register their names and addresses. (Never.) 12 x 18 vol., $2\frac{1}{2}$ in., in wooden box No. 20. Dirty. Stored on rafters (Bldg. A). (6394)

473. ORDER BOOK, 1906 - 1908. Form 309, stub duplicates of orders placed for materials, commodities, and supplies for use of Lighthouse Establishment. (Never.) $3\frac{1}{2}$ x 14 stubs (6), $6\frac{1}{2}$ in., in wooden box No. 19. Stored on rafters (Bldg. A). (6392)

474. QUARTERLY MUSTER ROLLS, 1906 - 1911. Form 50, report from master of vessel on the personnel on board; shows name, address, station, rate of pay, nativity, and physical description of each. (Never.) 4 x 9 bundles (14), 2 ft., on shelf. Dirty. Locker room 100 (Bldg. B). (3855)

475. RECEIPTED BILLS, 1906 - 1908. Receipted bills for labor supplies, and material furnished to Lighthouse Establishment. (Never.) 9 x 13 stub files (6), 1 ft. 7 in., in wooden box No. 18. Damaged by water, rodents and careless handling, and dirty. Stored on rafters (Bldg. A). (6396)

476. REQUISITIONS, 1906 - 1909. Requests to lighthouse inspector for stores, supplies, and material to be furnished light stations and tenders for maintenance and upkeep. (Never.) 9 x 13 stub files (2), 7 in., in wooden box No. 18. Damaged by vermin and dirty. Stored on rafters (Bldg. A). (6387)

477. TRANSMITTING CHECKS AND VOUCHERS, 1906 - 1909. Forms 92 and 94, blotter copies of letters show notice of enclosures of voucher and checks in payments for supplies, services rendered, and salaries. (Never.) 10 x 12 and 10 x 14 vols. (19), 2 ft. 2 in., in wooden box No. 19. Damaged by water, vermin, careless handling and faulty containers, dirty, torn, and bindings broken. Stored on rafters (Bldg. A). (6390)

478. BULLETINS AND CORRESPONDENCE, 1907 - 1925. Bulletins and correspondence relative to affairs of the lighthouse service, and interchanged between the lighthouse department and light stations. (Never.) 8 x $10\frac{1}{2}$ bundle, 5 in., in wooden box No. 10. Dirty. Stored on rafters (Bldg. A). (6942)

479. GEOGRAPHIC CHARTS, 1908. Show location of lights, signals and buoys; also soundings and general outline of coast, with markings of shallows and rocks, all ship hazards, and general information regarding tides and dangerous currents. The Lighthouse tender

Sequoia left New York City in the spring of 1908 bound for San Francisco, via the Strait of Magellan, with a complete set of charts of that date covering this route. Charts have since been revised and are superseded by those of a later date. Portfolios include; No. 1, Atlantic coast NS and North Atlantic, etc., (47 charts); Nos. 5, 6 and 9, West Indies and east coast of South America (123 charts); No. 4, west coast of United States, British Columbia, etc., (71 charts); Nos. 5 and 6, west coast South Central America, Mexico and Lower California region (61 charts); No. 3, New York to San Francisco (97 charts); No. 8, Bermuda, Bahamas, West Indies (92 charts). (Never.) 24 x 32 portfolios (9), containing 491 charts, 11 in., hung from rafters by rope slings. Sequoia deck locker room (Bldg. B). (4647)

480. JOURNAL OF FORT POINT LIGHT STATION, 1909 - 1933. Form 306, complete daily record of important events of the light station such as weather, work in progress, officials visiting station, visibility of adjacent lights, absences of light keepers, and any irregularity in work of equipment or appliances at the station, or that noticed in other stations. (Daily, official.) 9 x 14 vols. (3), 3 in., in cardboard box. Dirty. Storeroom, 3d floor (Bldg. C). (3429)

481. REQUISITIONS, PURCHASE ORDERS, INVOICES AND RECEIPTS, 1910 - 1934. Forms 27, 28, 33, 85, 95 and 110, invoice sheets for incoming and outgoing articles and supplies of all types used in lighthouse service; purchase orders and itemized statements for articles and supplies disbursed and used. (Older records, never; current records, occasionally, official.) Various sized bundles (83), binder filing cases (7), rolls (42), folders, cardboard binder cases (47), and loose-leaf books, 29 ft. 1 in., on shelves, in cardboard boxes, in steel cases, and in metal filing cases. Dirty, scattered, damaged by careless handling and faulty containers. Sequoia, Lupine, Lightship 76, Light Vessel 83 and Columbine locker rooms, Storeroom, 3d floor, and Office, 2d floor (Bldgs. B and C). (3494, 3495, 3569, 3574, 3625, 3626, 3882, 3913, 4027, 4124, 4346, 4827, 5005)

482. KEEPER'S ANNUAL PROPERTY RETURN AND RECEIPT, 1911 - 1924. Form 30, Lighthouse keepers' annual inventory of properties on hand, articles received and expended, amount remaining, and statement regarding serviceable condition of certain items. (Never.) 8 x 10 paper-covered books (22), 2½ in., in wooden box No. 10. Ink faded. Stored on rafters (Bldg. A). (6945)

483. OFFICERS' MONTHLY REPORT OF TENDER OR LIGHT VESSEL, 1911 - 1934. Form 44, monthly report by officers on the condition of vessel and its equipment, hours engine was run, mileage made, amount of fuel, oil and water consumed, upkeep work done on engine and boilers, and a statement of general efficiency of officers and crew. (Never.) 8 x 10½ bundle, 4 in., on shelf. Sequoia deck locker room (Bldg. B). (4507)

484. STOCK CARDS, 1911 to date. Form 57, record of all incoming and outgoing transactions pertaining to stock handled through the depot; shows values, average prices, and invoice numbers. Classified according to uses of the material. (Older records, occasionally; current records, daily, official.) 5 x 8 cards, 20 ft. 5 in., in wooden card rack, in wooden box, in 2 wooden filing cases, and in Kardex filing cases. Dirty. Office, NE. corner, Keeper's office, 2d floor, and on rafters (Bldgs. A and C). (3605, 3648, 6596)

485. DAILY EXPENDITURES FOR OIL, WICKS, AND CHIMNEYS, FORT POINT LIGHTHOUSE RECORDS, July 1911 - June 1915. Form 300, keeper's daily account of oil, wicks and chimneys expended; shows time of lighting and extinguishing, length of time lighted each night, and remarks on the weather. (Never.) 14 x 17 papers, $\frac{1}{2}$ in., in pasteboard box. Dirty. Storeroom, 3d floor (Bldg. C). (3571)

486. PILOT HOUSE ROUGH LOG, 1912 - 1935. Form 22, deck officer's memorandum book for notations of daily records of wind, weather, barometer, thermometer, record of cruise, and work performed on vessel while in transit. (Daily, official.) 8 x 10 $\frac{1}{2}$ (3) and 7 x 8 $\frac{1}{2}$ (47) vols., 3 ft. 1 in., on shelf. Damaged by rodents, careless handling and faulty containers, dirty, torn, and bindings broken. Sequoia locker room (Bldg. B). (4304)

487. STATEMENT OF MESS ACCOUNTS, 1912 - 1934. Form 72, monthly audited and certified statement of officers' and crew's mess accounts of purchases and payments, with receipted bills; forwarded to the lighthouse inspector for approval. (Older records, never; current records, monthly, official.) Various sized bundles (48), 13 ft. 8 in., in wooden and pasteboard boxes on shelves. Dirty, damaged by careless handling and faulty containers. Lightship 76 locker room, Light Vessel 83 locker room, Lupine locker room 1, and Sequoia deck locker room (Bldg. B). (4028, 4123, 4502, 4834, 5007)

488. WATCH BOOKS, 1912 - 1934. Form 316, daily written and signed records of the "going on" and "leaving off" of the watch, working condition of the light and fog signals, weather conditions, and direction of the wind. One set of volumes designated for Fort Point Lighthouse. (Older records, never; current records, seldom, official.) 9 x 11 $\frac{1}{2}$ vols. (10), 9 in., in wooden box No. 10 and in cardboard box. Dirty. Storeroom, 3d floor and stored on rafters (Bldgs. A and C). (3428, 6947)

489. INVENTORIES AND DESCRIPTIONS OF VESSELS, 1913 - 1931. Forms 53-A, B, and C, inventory catalogues of Lightship 76, Light Vessel 70, and Lighthouse tender Sequoia; show yearly inventory and record by actual count of all government property on board vessels; also remarks on general conditions, changes, and repairs needed. (Older records, never; current records, yearly, official.) 9 x 12 and 8 x 10 paper-covered books (171) and pamphlets (14),

3 ft. 5-3/4 in., on shelves. Dirty. Lightship 76 locker room, locker room 100, Sequoia locker room, Light Vessel 83 locker room, and Lupine locker room (Bldg. B). (3854, 3929, 3948, 4102, 4208, 4305, 4826, 4948, 5006)

490. TIME BOOK, 1913 to date. Form 317 shows time of work of employees in the lighthouse service at this station. (Daily, official.) 5 x 7 vols. (18), 9 in., in metal filing cases. Keeper's office, SE. corner, 2d floor (Bldg. C). (3647)

491. CORRESPONDENCE, 1914 - 1920. From the Department of Commerce to the depot keeper; pertains to the affairs of this station and duties of keeper. (Seldom, official.) 8 x 10 folders, 3 ft. 6 in., in filing case. Storeroom, 3d floor (Bldg. C). (3474)

492. DESCRIPTION OF LIGHTHOUSE SERVICE VESSEL, 1914 - 1926. Form 40, catalogue of Light Vessel 83 describes when and where built, size and tonnage, description of hull, deck, engines, machinery, illuminating and signal apparatus, remarks on general condition, and changes and repairs needed. (Never.) 8 x 10 1/2 paper-covered books (6), 1/2 in., on shelf. Dirty. Light Vessel 83 locker room (Bldg. B). (4836)

493. PROPERTY CARDS, 1914 - 1933. Form C, list of machinery and engine room expendable material, parts, and supplies; shows quantity received, amount used, and balance on hand at end of year. (Older records, never; current records, yearly, official.) 5 x 8 bundles of cards (10), 2 ft. 4 in., on shelves. Dirty. Lightship 76 and Sequoia locker rooms (Bldg. B). (3915, 4945)

494. REPORTS AND NOTICE OF INJURY, 1914 - 1924. Forms CA 1, 2, 3, and 4, reports of injuries to crew of the Lighthouse tender Madrone, with statement regarding cause of accident, severity, and a general statement of all facts relating to same. (Occasionally, official.) 8 1/2 x 13 1/2 bundle, 1 1/2 in., on shelf. Dirty. Lupine locker room No. 1 (Bldg. B). (4067)

495. GAS RECORD, 1916 to date. Form D, record of gas accumulation (cylinders), when received, where from, and cost to the lighthouse service. This represents gas in cylinders under pressure as furnished by the Standard Oil Company, Shell Oil Company, and others for cooking and heating purposes. (Weekly, official.) 5 x 8 booklets, 2 ft., in 2 drawers of metal filing case. Keeper's office, SE. corner, 2d floor (Bldg. C). (3645)

496. BUOYS AND LIGHTS, 1917 - 1927. Form 47, journal recording visits of master of light tender to coast, bay buoys, and lights; shows date of visit, report of condition, and statement of work performed. (Occasionally, official.) 8 1/2 x 14 vols. (4), 4 in., on shelf. Dirty. Lupine locker room 1 (Bldg. B). (3993)

497. CORRESPONDENCE AND INSTRUCTIONS, 1917 - 1919. Naval instructions and orders from the 12th Naval District to the Lighthouse Tender Madrone acting as U. S. receiving and training ship, in conjunction with the Navy for this period. (Daily, official.) 8 x 10 $\frac{1}{2}$ binder cases (2), 6 in., on shelf. Dirty. Lupine locker room 1 (Bldg. B). (4099)

498. ENLISTMENT RECORD OF NAVAL CREW, 1917 - 1919. Form N. Naval 1-B, Naval seamen's records of assignments, transfers, or discharges from the Lightship Madrone, acting as U. S. N. receiving and training ship during this period. (Occasionally, official.) 8 $\frac{1}{2}$ x 12 vol., 2 $\frac{1}{2}$ in., on shelf. Dirty. Lupine locker room 1 (Bldg. B). (3992)

499. BLANK BOOK, 1918 - 1927. Form 22, memorandum book for notations of daily records of fuel and water, bell, whistle, and upkeep work accomplished on the vessel; all items to be posted in log book. (Never.) 6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ vols. (9), 7 in., on shelf. Damaged by rodents, careless handling and faulty containers, dirty, and bindings broken. Locker room 100 (Bldg. B). (3853)

500. BUOYAGE REPORTS, 1918 - 1922; 1926 - 1934. Form A, monthly reports of lighthouse tenders; show buoys and buoy appendages on hand at beginning of month, received and returned to depot during month, and on hand at end of month. (Never.) 8 x 10 $\frac{1}{2}$ bundles (6), 1 ft. 5 in., in steel case and in cardboard box. Dirty. Storeroom, 3d floor and Office, NE. corner, 2d floor (Bldg. C). (3492, 3568)

501. DECK LOG BOOK, 1918 - 1919. Forms N, Eq. 21 and N. Nav. 330, daily signed report by the naval officer assigned to the Sequoia acting as U. S. Naval Reserve force; states voyages and dockings, wind, barometer, weather conditions, and incidents of importance. (Daily, official.) 10 x 15 paper-covered books (18), on shelf. Dirty. Sequoia deck locker room (Bldg. B). (4306)

502. FUEL, OIL AND WATER REPORTS, 1918 - 1933. Form 71, daily signed reports by the engineer officer of fuel, oil and water expended, and amounts left on hand; report to be given to the commander of the vessel for entry in the log book. (Never.) 5 $\frac{1}{4}$ x 8 bundle of cards and 5 x 8 bundle and rolls (25), 2 ft., on shelf. Dirty. Lightship 76 locker room, Sequoia locker room, and Light Vessel 83 locker room (Bldg. B). (4348, 4832, 4944)

503. KEEPER'S ANNUAL PROPERTY RETURNS AND RECEIPTS, FORT POINT LIGHTHOUSE, 1918 - 1934. Form 30, keeper's annual inventory of properties on hand, and report of articles received, expended, and amount remaining, with statement as to serviceable condition of items. (Never.) 8 x 10 papers (18), 2 in., in pasteboard box. Dirty. Storeroom, 3d floor (Bldg. C). (3572)

504. COAST AND GEODETIC SURVEY CHARTS, 1919; 1921; 1923 - 1930. Show location of lights, signals, buoys, soundings, and general outline of coast, with markings of shallows, rocks, and all ship

hazards in the 18th Lighthouse District. See addenda for chart identification. (Never.) Various sized charts (75), 8 in., on shelf. Dirty. Sequoia deck locker room (Bldg. B). (4646)

505. KEEPERS' ANNUAL REQUISITIONS, FORT POINT LIGHTHOUSE RECORDS, 1919 - 1933. Form 36, lighthouse keepers' annual requisitions for supplies and articles to be used in maintaining service of lights and signals. (Never.) 8 x 10 paper-covered books (15), 12 ft., in pasteboard boxes. Dirty. Storeroom, 3d floor (Bldg. C). (3570)

506. REPORTS OF GAS BUOYS, BEACONS, AND POSITIONS OF AIDS TO NAVIGATION, 1919 - 1922; 1926 - 1934. Forms D. A. and 77, gas buoy and beacon reports of officers on tenders; show inspection of signal, check of location, recharging, testing, and notation of all details pertaining to the signal. (Occasionally, official.) 8 x 10½ bundles (11), 1 ft. 11 in., on shelves. Dirty. Lupine locker room 1 and Sequoia deck locker room (Bldg. B). (4066, 4122, 4506)

507. TIME SHEETS, 1919 - 1934. Form 46, time sheet reports of employees' names, days worked, rate of pay, and total amount expended in wages. (Older records, never; current records, monthly, official.) 8 x 10½ bundles (4), 2 ft. 11 in., on shelves and in steel case. Sequoia deck locker room, Light Vessel 83 locker room, Lupine locker room, and Office, NE. corner, 2d floor (Bldgs. B and C). (3567, 4120, 4347, 4835)

508. DEPOSIT SLIPS, MESS ACCOUNT, Sept. 19, 1919 - Dec. 20, 1923. Show deposits made by officer in charge of mess of U. S. Lighthouse tender Sequoia into his commercial account with Bank of California. (Never.) 4 x 7 bundle, ½ in., on wooden shelf. Dirty. Sequoia deck locker room (Bldg. B). (4504)

509. RADIOGRAMS, 1920 - 1933. Form 56-A, messages relative to lighthouse service between the superintendent and Lighthouse tenders Sequoia and Lupine. (Early records, never; later records, occasionally, official.) 2 x 6½ rolls and bundles and 5¼ x 8 bundle, 1 ft. 4 in., on shelves. Damaged by careless handling and faulty containers, and dirty. Sequoia deck locker room and Lupine locker room 1 (Bldg. B). (4119, 4505)

510. RADIO LOG, 1920 - 1933. Form 305, daily record of all radio messages received and sent, with a brief statement pertaining to their importance and static condition of reception. (Older records, never; current records, daily, official.) 10 x 11 vols. (31), 2 ft. 5 in., on shelves. Damaged by rodents, dirty, and bindings broken. Sequoia deck locker room, Lupine locker room, Lightship 76 locker room, locker room 100, and Light Vessel 83 locker room (Bldg. B). (3821, 3949, 4103, 4160, 4248, 4947)

511. WORK ORDERS AND REPORTS, 1920 - 1927; 1931 to date. Form 32, instructions from the superintendent's office to the

supply depot and attendant mechanical force to do certain specific repairs, alterations, and construction work for the maintenance of the service equipment. (Seldom, official.) 8 x 10½ bundle and folders, 8 in., in metal filing case and in cardboard box. Dirty. Storeroom, 3d floor and Keeper's office (Bldg. C). (3493, 3624)

512. KEEPER'S ANNUAL PROPERTY RETURNS AND RECEIPTS, 1922 to date. Form 30, lighthouse keeper's annual inventories of property on hand, and a report of articles received, expended, and amounts remaining, with statement as to serviceable condition of certain items. (Yearly, official.) 8 x 10½ loose sheets, 1½ in., in metal filing case. Keeper's office, SE. corner, 2d floor (Bldg. C). (3646)

513. KOLSTER RADIO COMPASS LOG BOOK, Jan. 9, 1925 - June 25, 1934. Shows date and time of entry, ship's course, position, latitude and longitude, name of radio, fog signal station, or ship, distance of ship from signal station, setting of wave selector T, setting of balance pointer V right or left, and radio bearing star end of sight wires. (Never.) 11 x 12 vol., ½ in., on shelf. Damaged by careless handling and dirty. Sequoia deck locker room (Bldg. B). (4503)

514. CORRESPONDENCE, 1927 to date. From the district office to the depot relative to lighthouse service in general. (Weekly, official.) 8 x 10½ bundles (2), 2 ft., in filing case. Keeper's Office, SE. corner, 2d floor (Bldg. C). (3644)

515. OFFICER'S MONTHLY REPORT OF TENDER, AND WORK DONE, 1927 1932. Forms 44 and 44-A, monthly report of mechanical condition of vessel, efficiency of crew, and work performed by the tender, stating distance travelled and amount of buoyage attended to. (Monthly, official.) 8 x 10½ bundle, 1 in., on shelf. Dirty. Lupine locker room 1 (Bldg. B). (4137)

516. ROUGH LOG BOOK, 1927 - 1934. Form 22, daily record of the wind, weather, barometer, thermometer; record of the cruise and work performed on vessel and on buoyage. (Daily, official.) 8 x 10½ (4) and 6½ x 8½ vols. (10), 1 ft., on shelf. Lupine locker room 1 (Bldg. B). (4100)

517. RECORD OF INSPECTIONS, FORT POINT LIGHT STATION, June 8, 1927 - June 25, 1933. Form 307, record of inspections of lighthouse property and equipment by officers of the service; gives statement of conditions, instructions for repairs or betterment; statement by keeper showing compliance with instructions to overhaul, repair or renew properties specified by the inspectors. (Never.) 8½ x 14 vol., ½ in., in cardboard box. Storeroom, 3d floor (Bldg. C). (3427)

518. REQUISITIONS, 1931 - 1935. Form 30, copies of keeper's annual requisitions for supplies. (Occasionally, official.) 9 x 12 bundle, 10 in., on steel shelf. Office, NE. corner, 2d floor (Bldg. C). (3603)

519. DAILY OBSERVATIONS OF MEAN TEMPERATURE, n. d. A compilation of the findings of Professor Chester Dewey covering daily observations of mean temperature. Mention is made of observations taken from 1815 to 1817. (Never.) $3\frac{1}{2}$ x 8 folded sheets, $\frac{1}{2}$ in., in wooden box. Stored on rafters (Bldg. A). (7495)

EIGHTEENTH LIGHTHOUSE DISTRICT
YERBA BUENA LIGHT STATION

- (A) Keeper's Quarters
- (B) Light Tower

The first aid to navigation placed on Yerba Buena Island was a fog bell which was transferred to here from Point Conception in 1874. The first light, using a lard oil lamp, was exhibited here on September 15, 1875. The present 12,000 candlepower light is electrically operated. A diaphone fog signal is also located here.

All reports are sent to the Superintendent of the Eighteenth Lighthouse District at San Francisco.

520. JOURNALS OF LIGHT STATIONS, 1876 to date. Form 306, complete daily record of important events of the light station such as weather, work progress, officials visiting the station, visibility of adjacent lights, absence of light keepers, any irregularity in working of equipment or appliances at the station, or that noticed in other stations. (Occasionally, official.) 9 x 14 vols. (9), 9 in., in pasteboard box and on top of desk. Radiobeacon monitor room and sun room (Bldg. A). (3663, 3702)

521. REGISTER OF VISITORS, May 22, 1895 to date. Shows signature and residence address of visitors to this station. (Daily, official.) 12 x 18 vol., $1\frac{1}{2}$ in., on desk shelf. Ground floor (Bldg. B). (3676)

522. CORRESPONDENCE AND BULLETINS, 1902 - 1932. Received by the keeper relative to lighthouse service. (Seldom, official.) 8 x $10\frac{1}{2}$ bundle and stub files (3), 1 ft. 2 in., on cardboard box. Radiobeacon monitor room (Bldg. A). (3677)

523. RECORD OF FOG SIGNALS, 1919 - 1933. Keeper's record of time of observation of beginning and ending of fog or smoke and duration; also time of starting and stopping of fog signal, with record of length of time signal was sounded, and amount of fuel used; monthly report of expenditure of fuel, and general report on mechanical condition of equipment. (Occasionally, official.) $8\frac{1}{2}$ x 14 books (9), 3 in., in pasteboard box and on top of desk. Radiobeacon monitor room and sun room (Bldg. A). (3661, 3705)

524. WATCH BOOKS, 1920 - 1931. Form 316, daily written and signed records of starting and finishing watch, working conditions of the light and fog signal, condition of weather, and direction of

wind. (Occasionally, official.) 9 x 11 $\frac{1}{2}$ and 9 x 12 vols. (3), in pasteboard box and on top of desk. Radiobeacon monitor room and sun room (Bldg. A). (3662, 3703)

525. KEEPER'S ANNUAL PROPERTY RETURN AND RECEIPT, 1921 - 1926; 1929 - 1932. Inventory of properties on hand and report of articles received and expended. Also amount remaining with statement as to serviceable condition of certain items. (Annually, official.) 8 x 10 $\frac{1}{2}$ paper-covered books (13), in paper boxes. Radiobeacon monitor room (Bldg. A). (3678)

526. KEEPER'S ANNUAL REQUISITIONS, 1921 - 1926; 1932. Form 36, lighthouse keeper's annual requisitions for supplies and articles to be used in maintaining service of the lights and signals. (Yearly, official.) 8 x 10 $\frac{1}{2}$ books (7), $\frac{1}{2}$ in., in pasteboard box. Radiobeacon monitor room (Bldg. A). (3679)

527. RECORDS OF INSPECTION, 1926 to date. Form 307, records of inspection of the lighthouse properties and equipment by officers of the service with reference to condition, instructions for repairs and improvement, and attending statement by the keeper detailing compliance with instructions to overhaul, repair or renew properties specified by the inspectors. (Occasionally, official.) 8 $\frac{1}{2}$ x 14 book, $\frac{1}{4}$ in., on top of desk. Sun room (Bldg. A). (3706)

528. RECORDS OF ABSENCES OF KEEPERS, 1929 to date. Show time of departure and return of keepers. (Daily, official.) 8 $\frac{1}{2}$ x 14 book, $\frac{1}{2}$ in., on top of desk. Sun room (Bldg. A). (3704)

EIGHTEENTH LIGHTHOUSE DISTRICT RELIEF LIGHTSHIP

In 1896 the Lighthouse Board made its first recommendation for funds for the building of a relief lightship to be used jointly by the Twelfth and Thirteenth Lighthouse Districts. The recommendations were repeated yearly, and on March 3, 1901 Congress approved an appropriation of \$90,000 for this purpose.

The vessel (No. 76) was built at Staten Island, New York, and arrived at San Francisco on June 4, 1905. Then serving both the Twelfth and Thirteenth Lighthouse Districts, it was sent to Astoria, Washington the same month, and from there to its first station at Umatilla Reef.

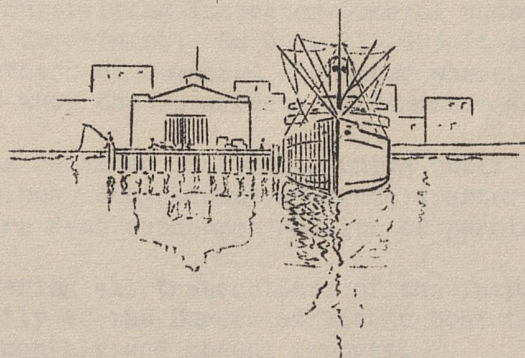
On March 4, 1907 Congress appropriated funds for a second relief vessel for the Pacific coast, and upon its completion, vessel No. 76 was assigned to permanent duty in this district.

A relief lightship occupies the station of another lightship when it is necessary to withdraw that vessel for overhauling and repairs.

When not on active duty this vessel is berthed at the Yerba Buena Island Lighthouse Depot.

(Not surveyed)

BUREAU
OF
MARINE INSPECTION
AND
NAVIGATION



INTRODUCTION

The Bureau of Navigation and Steamboat Inspection was established on June 30, 1932, and the name was changed to the Bureau of Marine Inspection and Navigation in June 1936.

Prior to 1932 there were two bureaus, each functioning within its own prescribed sphere of activity:

(a) The Bureau of Navigation, now the Shipping Service Branch was established on August 7, 1872 under the Shipping Commissioner and transferred to the Department of the Treasury in 1884. On July 1, 1903 the Department of Commerce and Labor was given jurisdiction. Final reorganization occurred in 1913 when the Department of Commerce was given control.

(b) The Bureau of Steamboat Inspection Service, District 7, was established on May 7, 1852, with indirect control vested in the Department of the Treasury. In 1871 jurisdiction passed to the Supervising Inspector-General under direct control of the same department. On July 1, 1903 it was transferred to the Department of Commerce and Labor where control remained until 1913 when the Department of Commerce assumed jurisdiction.

These two bureaus remained individual units until 1932, and though now combined, they occupy separate quarters.

Useless papers are destroyed upon receipt of permission from Washington.

Report cards covering all transactions of the Inspection Service are sent daily to the Bureau at Washington; the Shipping Service sends monthly and annual reports.

BUREAU OF MARINE INSPECTION AND NAVIGATION

SAN FRANCISCO

INSPECTION SERVICE

LOCAL INSPECTORS OF HULLS AND BOILERS
Custom House, Washington and Battery Sts.

From a time prior to 1894 (date not available) the Bureau of Steamboat Inspection Service was located in the Appraisers Building, Washington and Sansome Streets. In 1906 it was moved to the Consular Building, Battery and Washington Streets, and to its present location in 1910.

The Inspection Service has jurisdiction over all navigable waters between the 35th parallel and the Oregon-California State line extending eastward to the continental divide. This includes, more specifically, all of California north of the northern line of Santa Barbara County, all of Nevada and Utah, southwestern Wyoming, northern Arizona, New Mexico, and western Colorado.

The chief functions of the Inspection Service are: licensing of masters, engineers, pilots, and ships' officers; issuing certificates to able seamen and lifeboat men; examining blue prints of vessels and inspecting materials going into their construction; frequent inspection of boilers, valves and fittings; annual inspection of all vessels and recording of results in minute detail; investigating casualties, accidents, collisions, and violations of steamboat law as well as accidents effecting buoys, beacons, and other aids to navigation.

529. INDEX OF LICENSES ISSUED TO ENGINEERS, 1870 - 1911. Shows date of license, name, number, grade, number of renewals, number of gross tons allowed under license, limit of license, numbers on old records, and routes. Entered alphabetically. (Rarely, official.) 9 x 15 vols. (6), 11 in., on wooden shelf. R. 524. (1241-1244)

530. INDEX TO PILOTS' LICENSES, 1870 - 1911. Shows date, number of license, name, grade, waters in which pilot was permitted to work, and route for which license was issued. Entered alphabetically. (Rarely, official.) 9 x 15 vol., 2 in., on wooden shelf. R. 524. (1198)

531. INDEX OF LICENSES ISSUED TO MASTERS, 1871 - 1910. Record of licenses issued by local inspectors to masters of steam vessels, showing date of license, name, number of license, and name of boat on which employed at date of last license. Entered alphabetically. (Rarely, official.) 8 x 15 vols. (5), 10 in., on wooden shelf. R. 524. (1245)

532. CERTIFICATES OF LICENSES, 1878 - 1879. Second class engineers' oaths and licenses show name of applicant, date, vessel, number of license, and port of issue. (Never.) 5 x 9 vol., 2 in., on wooden shelf. R. 524. (1052)

533. TENSILE TESTS OF SAMPLES OF MATERIAL FOR BOILER CONSTRUCTION, 1892 - 1910. Record of date when tests were made, mills where samples were tested, numbers on plates, thickness and width of samples, strain at which each sample parted, reduction of area per cent, names of builders of boilers and hulls; also waters in which steamer is permitted to navigate. (Frequently, official.) 4 x 9 folders, 5 ft., in 4 drawers of wooden filing case. R. 523. (1347)

534. MISCELLANEOUS BLUE PRINTS, 1897 - 1933. Of hulls, boilers, motor, fuel tanks of vessels registered at San Francisco, including bilge, ballast, and pipe plans; also prints of standard Babcock and Wilcox marine boiler, James W. Kidney design of tubular Foster marine boilers, prospective plans of steel ferry boat, and N.W.P. car float having no name or number. Some arranged alphabetically by name of vessel. (Older records, rarely; later records, frequently, official.) 12 x 12 loose prints and bundles, 30 ft. 3 in., in wooden transfer cases on wooden shelves. R. 524. (1196, 1237)

535. SHIPS OFFICERS' LICENSES, 1897 - 1935. Stubs of licenses issued second class pilots, mates, chief mates, chief engineers, assistant engineers and special engineers; show names, dates, ports, oaths, and signatures of licensee and local inspector. Arranged numerically. (Frequently, official.) 10 x 12 loose sheets, 11 ft. 3 in., in 42 cardboard transfer cases and on wooden shelf. R. 524. (1078)

536. STUBS OF LICENSES FOR ENGINEERS, MOTOR, 1898 to date. Forms 2130-7/8 and 380, stubs of licenses for gas fluid, naphtha or electric motors; show name, date, oath, and signature of local inspector. (Frequently, official.) 12 x 12 stubs, 2 ft. 3 in., in wooden transfer case. R. 524. (1149)

537. INDEX OF VESSELS, 1900 to date. Cross index to files containing full information of vessels registered for passenger service, maritime trade, and commerce. Filed alphabetically. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 3 ft., in card cabinet. R. 519. (1475)

538. INDEX OF LICENSES ISSUED TO MASTERS OF SAILING VESSELS, 1902 - 1911. Shows name of master, date of license, number of license, and name of boat on which employed at the date of last license. Entered alphabetically. (Rarely, official.) 8 x 15 vol., 2 in., on wooden shelf. R. 524. (1238)

539. APPLICATIONS FOR LICENSES, 1905 - 1911. Old license files of masters', pilots', engineers', and operators' applications for licenses; contain examination papers, recommendations, names and addresses of applicants, service records, and signatures of three references and of inspectors. (Rarely, official.) 12 x 12 folders, 1 ft. 6 in., in 8 pasteboard transfer cases. R. 524. (1053)

540. INDEX OF LICENSES ISSUED TO OPERATORS OF MOTOR VESSELS, 1906 - 1911. License index of operators of motor vessels, fifteen gross tons or less, carrying passengers. Shows name of licensee, date, number of license, and number of new license issued in this class. Recorded alphabetically. (Rarely, official.) 8 x 11 vol., 2 in., on wooden shelf. R. 524. (1239)

541. STUBS OF OPERATORS' LICENSES FOR MOTOR VESSELS, 1906 to date. Form 881 shows name and date, serial number, oath, and signature of supervising inspector for motor vessels of fifteen gross tons or less, carrying passengers. (Frequently, official.) 12 x 12 stubs, 5 ft. 6 in., in 21 cardboard transfer cases and on wooden shelf. R. 524. (1151)

542. STUBS OF MASTERS' LICENSES AND APPLICATIONS, 1908 - 1933. License stubs and applications of masters of sailing vessels and masters and mates of passenger vessels and barges; show issue number, serial number, name of applicant, date of application, and signature of local inspector. (Rarely, official.) 12 x 12 folders, 6 ft. 6 in., in 22 cardboard transfer cases and on wooden shelf. R. 524. (1054)

543. CERTIFICATES OF INSPECTION, 1909 - 1912. For passenger steamers weighing over 100 gross tons; show date of expiration of certificate, name of vessel, master, number of crew, description of vessel; where registered; and names of inspectors of hulls and boilers. (Never.) 12 x 15 and 15 x 20 vols. (3), 7 in., on wooden shelves. R. 524 and Attic. (1056, 1473)

544. LOCAL INSPECTORS' REPORTS OF CASUALTIES AND VIOLATIONS OF STEAMBOAT LAWS, 1909 - 1911. Form 924 shows nature of casualty or violation, name of vessel and affidavit, date of casualty or violation, locality, description of accident, and final solution. (Rarely, official.) 4 x 8 bundles, 5 in., in wooden card cabinet. R. 524. (1330)

545. APPEALS TO UNITED STATES SUPERVISING INSPECTORS, 1910. Appeals in regard to revocation of officers' licenses accompanied by affidavits and sworn testimony as to violations of steamship laws. (Rarely, official.) 4 x 8 bundle, 3 in., in wooden filing case. R. 523. (1337)

546. MISCELLANEOUS LETTERS AND TRANSFERS, 1910 - 1911; 1917; 1919 - 1920. Letters from United States Shipping Board regarding naturalization certificates, affidavits of masters and engineers regarding accidents, and transcript of testimony in the

investigation of collisions and accidents before local inspectors. (Daily, official.) 12 x 12 loose sheets, 7 in., in cardboard transfer case and on wooden shelf. R. 524. (1150)

547. OFFICIAL FILES OF SUPERVISING INSPECTOR, FIRST DISTRICT, 1910. Various reports and records of local inspector show monthly statement of officers' licenses issued, monies received, mileage and expense accounts, and examination of passenger, ferry, steamer, and motor vessels. (Never.) 4 x 9 bundles, 7 in., in wooden filing case. R. 515. (1443)

548. OFFICIAL REPORTS, 1910 - 1911; 1913. Reports 900-903, 910, 918 and 924 of local districts of Portland, San Francisco, Seattle, Juneau, St. Michael, and Honolulu; include statement of vessels inspected, tabular statement, statement of officers' licenses, and local inspectors' report of casualties and violations of steamboat laws. (Rarely, official.) 4 x 8 bundles, 3 ft. 4 in., in wooden filing case. R. 523. (1331)

549. SUPERVISING INSPECTORS' REPORTS ON EXPIRED AND CANCELLED LICENSES, 1910. Letters regarding expired and cancelled licenses, information on motor boats, appeals for decisions, number of passengers allowed, and questions regarding boilers and hulls. (Rarely, official.) 4 x 8 package, 1 ft. 3 in., in wooden filing case. R. 523. (1329)

550. TESTIMONY AND DECISIONS, 1910. Testimony before local inspectors regarding collisions, fines and violations of maritime laws, written affidavits by master of vessel, sworn testimony before a court of inspectors, and decisions rendered. (Rarely, official.) 4 x 9 covers, 1 ft. 2 in., in wooden filing case. Dirty. R. 523. (1346)

551. APPLICATIONS FOR CERTIFICATES OF VISUAL EXAMINATIONS, 1911. Form 954, application from local inspectors to United States Public Health and Marine Hospital Service for examinations of applicants as to ability to distinguish colors for signal lights on vessels; signed and sealed by surgeon; gives number examined and total number of licenses refused. (Occasionally, official.) 4 x 8 bundle, 1 in., in wooden card cabinet. R. 524. (1340)

552. CORRESPONDENCE CONCERNING BOILERS, VALVES, FITTINGS, AND REPAIRS, 1911 to date. Between local commissioner and builders of boilers; also requests for information pertaining to repairs, valves, and fittings. Arranged alphabetically. (Frequently, official.) 12 x 12 envelopes, 10 in., on wooden shelf in transfer case. R. 515. (1454)

553. INDEX OF SUPERVISING INSPECTOR'S GENERAL CORRESPONDENCE, 1911 to date. Index to correspondence files. (Daily, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 3 ft., in 3 drawers of wooden card cabinet. R. 519. (1514)

554. LICENSE FILES, 1911 to date. License record of pilots, masters, mates, and engineers of all grades; applications and permits for licenses with letters of recommendation and certification of prior employment, examination papers, date of application, copies of forms, licenses, residence of applicant, names and residences of three certifiers regarding temperate habits and character of applicant. Arranged numerically. (Daily, official.) 9 x 12 folders and 10 x 12 envelopes, 360 ft., in 147 drawers of steel filing cases and on shelves in 39 wooden filing cases. Rs. 515 and 524. (953, 1460)

555. MONTHLY REPORT OF ABSENCE, 1911 - 1912. Form 921 shows name of each absentee, total number of days absent during month and year, and signature of local inspector. (Rarely, official.) 4 x 8 bundle, 1 in., in wooden card cabinet. R. 524. (1334)

556. MONTHLY REPORT OF EXCURSION PERMITS ISSUED TO STEAMERS, 1911. Form 925 shows name of steamer, class, gross tonnage, number of passengers, period for which permit was issued, and route to and from port. (Rarely, official.) 4 x 8 bundle, 1 in., in wooden card cabinet. R. 524. (1338)

557. MONTHLY STATEMENT OF OFFICERS' LICENSES ISSUED, 1911. Detailed report shows total number of licenses issued, rates, grades, and signature of local inspector. (Occasionally, official.) 4 x 8 bundle, 1 in., in wooden card cabinet. R. 524. (1333)

558. REPORT OF EXAMINATIONS FOR COLOR BLINDNESS OR OTHER VISUAL DEFECTS, 1911. By local inspectors, relative to total number of applicants for master pilot or mate; show number examined and total number of licenses refused. (Never.) 4 x 8 bundle, 1 in., in wooden card cabinet. R. 524. (1341)

559. SPECIAL REPORT OF LIFE PRESERVERS EXAMINED, 1911. Form 922 shows date of examination, name of manufacturer, place where manufactured, description of life preserver, number examined, passed and rejected, number tested in water, number weighed, average weight, and name of inspector. (Rarely, official.) 4 x 8 bundle, 1 in., in wooden card cabinet. R. 524. (1336)

560. VESSEL FILES, 1911 - 1935. Letters from Department of Commerce regarding boilers and plates used on named vessel, affidavit of manufacturer regarding quality of plates and boilers contracted for, copy of certificate of inspection, date of expiration, name and description of vessels with complete details of necessary parts inspected by inspector of hulls and boilers. The inspector's report states class, tonnage, date hull was built, where built, and date and place of inspection. Filed alphabetically, numerically, and according to type of service (ocean, freight, or passenger). (Daily, official.) 9 x 12 folders, 318 ft., in 122 drawers of steel filing cabinets and 35 drawers of wooden filing case. Rs. 523 and 524. (954, 1335)

561. WEEKLY REPORTS OF LOCAL INSPECTORS, 1911 - 1912. Form 920 states name of vessel inspected, gross tonnage, class, date of expiration of old certificate, date of certificate of application, date of inspection, name of inspectors, ships inspected in dry dock for boilers, lifeboats, valves, and remarks. (Rarely, official.) 4 x 8 and 4 x 10 bundles and folders, 5 ft. 10 in., in 7 drawers of wooden filing case and in card cabinet. Rs. 515, 523, and 524. (1332, 1344, 1442)

562. INVESTIGATION, DOCUMENTS, REPORTS, AND BLUE PRINTS, Feb. 1911 - Feb. 1921. Sickness and injury records of seamen and reports of inspectors regarding sickness and injury and wreck of vessels. The blue prints are of vessels covered by wreck reports. Index. (Daily, official.) 10 x 12 folders, 63 ft., in 18 drawers of transfer cases. R. 308. (1269)

563. INSPECTION OF BOILERS, STEAMERS AND BUILDINGS OF UNITED STATES GOVERNMENT, 1912 - 1920. Additional reports of inspections of boilers on or for United States Government vessels and buildings inspected by Steamboat Inspection Service during fiscal year. States local inspection district, name of vessel, building or service, port where inspected, and number of boilers inspected. (Rarely, official, public.) 3 x 9 bundle, 3 in., in drawer of wooden filing case. Dirty. R. 523. (1348)

564. LOCAL INSPECTORS' ANNUAL TABULAR STATEMENT OF OCCURRENCES RELATIVE TO VESSELS, 1912 - 1920. Detailed report of inspections of steam and motor vessels, boilers, and pipes; gives number found defective, number of licenses issued in each class and rate, licenses renewed, suspended or revoked, violation of law, result, amount of property lost, number of lives saved, and passengers carried. (Rarely, official.) 4 x 9 folders, 2 in., in wooden filing case. R. 523. (1345)

565. RADIO DIVISION FILES, 1912 - 1933. Commercial and amateur radio communication reports, correspondence, general radio data, and inspectors' records. (Occasionally, official.) 9 x 12 folders, 77 ft. 9 in., on shelves and in 36 drawers of filing cases. Attic. (301, 304, 305)

566. ANNUAL STATEMENT OF LICENSED SHIPS' OFFICERS, 1913 - 1914; 1920 - 1921. Gives name, number of license, date of issue, local district where previously licensed, and issue date of previous license. (Rarely, official.) 12 x 12 loose sheets, 1 ft., on shelf in wooden wall case. R. 524. (1197)

567. GENERAL FILES INDEX, 1913 - 1936. Index to visual examination reports of boiler inspector's tensile tests, permits, licenses, petroleum, fuel oils, non-expendable property; also to correspondence. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 68 ft., in wooden card cabinet drawers. R. 515. (1395)

568. INSPECTORS' REPORTS OF LIFEBOATS, 1913. Local inspectors' annual report of lifeboat and life raft equipment of vessels over 100 tons carrying passengers; show name of vessel, gross tonnage, number of passengers, number of officers and crew, character of route, number of boats provided, total capacity in cubic feet of same, number of rafts, and capacity with cubic feet of same, total capacity of boats and rafts, and total carrying capacity of both in number of persons. (Never.) 3 x 8 bundle, 2 in., in wooden filing case. R. 523. (1343)

569. BOILER INSPECTION REPORTS AND CORRESPONDENCE, 1914 to date. Reports and letters of local inspectors pertain to violations, collisions, casualties, and damage to boilers, hulls and other parts of vessels. (Frequently, official.) 12 x 12 envelopes, 43 ft. 6 in., in wooden transfer cases. R. 515. (1451)

570. INDEX OF CERTIFICATES LOST, SUSPENDED, AND REVOKED, 1914 to date. Shows name, license number, rating, and reason for suspension. Filed alphabetically and numerically. (Frequently, official.) $3\frac{1}{2}$ x 5 cards, 5 ft., in 5 drawers of wooden card cabinet. R. 515. (1438)

571. RECORD OF FUSIBLE PLUGS INSERTED IN BOILERS, 1914 to date. Gives name of manufacturer, date inserted, name of steamer, tonnage, number inserted, and place. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 10 ft. 6 in., in 11 drawers of wooden card cabinet. R. 519. (1516)

572. RECORD OF PASSENGERS CARRIED ON STEAMERS, 1914 - 1935. Gives name of vessel, date and hour of sailing, number of passengers and automobiles, where from, and name of inspector. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 10 in., in wooden card cabinet. R. 519. (1515)

573. APPLICATIONS FOR CERTIFICATE OF SERVICE AS ABLE SEAMEN, 1915 - 1920. Statement of service of applicant, and record of physical examination for rating as able seaman. (Never.) 9 x 12 envelopes (13), 25 ft., in 108 transfer cases and on 5 shelves of wooden wall cases. Attic. (1091)

574. APPLICATIONS FOR WELDING LICENSES, 1915 - 1935. Applications for welding operator's license show type of welding, years of experience, and name of former employer. (Frequently, official.) 12 x 12 envelopes, 1 ft. 9 in., in transfer case. R. 515. (1441)

575. CERTIFICATE OF SERVICE TO ABLE SEAMEN, 1915. Form 979, stub of certificate for seamanship papers shows date of issue, kind of waters for which issued, number of certificate, citizen of what country, and signature of local inspector. (Never.) 12 x 12 loose sheets, 3 ft. 6 in., on shelves and in 21 wooden files. R. 524. (1339)

576. ABLE SEAMEN AND LIFEBOAT MEN, Nov. 15, 1915 to date. Applications for certificates of service as able seamen and record of applications, physical examination of applicant for rating, and correspondence. Filed alphabetically. 3 x 5 card index. (Daily, official.) 10 x 12 folders and envelopes, 95 ft., in 22 drawers of transfer cases and in 16 drawers of card cabinet. R. 308. (1270)

577. CORRESPONDENCE ON LICENSES, 1917 - 1935. Copies of letters relating to all questions such as visual defects, ferry boat activities, and other relevant matters. Arranged alphabetically. (Rarely, official.) 12 x 12 envelopes, 9 in., in transfer case. R. 515. (1464)

578. ANNUAL INSPECTIONS, 1918 to date. Record shows name of vessel, date and place of inspection, name and address of owner, kind of vessel, date built, and type of service. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 35 ft., in 29 drawers of wooden card cabinets. R. 519. (1493, 1500)

579. INSPECTION ASSIGNMENTS, 1919 to date. Record shows character of duty, date and time of inspection, place, name of vessel, and names of inspectors. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 8 ft. 8 in., in 10 drawers of wooden card cabinets. R. 519. (1495, 1513)

580. LIFEBOAT BLUE PRINTS, 1920 to date. Blue prints of metal lifeboat by G. W. Kneoss, designer and builder for United States Army Transport Service. (Occasionally, official.) 12 x 12 sheets and envelopes, 3 in., in cardboard transfer case on wooden shelf. R. 524. (1240)

581. LOCAL INSPECTORS' FILES, 1920 to date. Official correspondence regarding business of local inspectors and all matters of the department relative to violations, collisions, casualties, and damage to boilers and hulls. (Frequently, official.) 10 x 12 envelopes, 38 ft. 6 in., in 8 drawers of wooden filing case and in 93 cardboard cases. R. 515. (1396)

582. VESSEL FILES, 1920 to date. Show name of ship, dimensions, tonnage, rig, number of crew, duplicate certificate of registry, inspector's report on boilers and hull, and name and address of owner. Numbered 13180 to 14086 inclusive. Indexed. (Frequently, official.) 10 x 12 envelopes, 30 ft., in 15 drawers of wooden filing cases. R. 519. (1481)

583. AFFIDAVITS FILED REGARDING VALVES, FITTINGS AND PIPES, 1921 to date. Manufacturers' affidavits of valves and fittings show material and specifications for tests. Arranged alphabetically. Cross index of manufacturers' names. (Daily, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 2 ft. 3 in., in wooden card cabinet. R. 519. (1498, 1505)

584. BLUE PRINTS AND DESCRIPTIONS, 1921 to date. Descriptive reports and examinations of lifeboats, rafts, and floats necessary to meet requirements of the inspection service. (Frequently, official.) 12 x 12 envelopes, 1 ft. 1 in., in transfer case on wooden shelf. R. 515. (1439)

585. BLUE PRINTS OF PLATE AND SHAPE SCHEDULES, 1921 - 1923. Show dimensions of hulls 5309 and 5310, and boilers of steamers Chilore and Lebore, Bethlehem Shipbuilding Corporation of Alameda, California. (Never.) 11 x 17 bundle, 4 in., on wooden shelf. R. 524. (1055)

586. CORRESPONDENCE OF SUPERVISING INSPECTORS, 1921 to date. Pertains to all matters under jurisdiction of supervising inspectors of the first district. (Daily, official.) 12 x 12 loose sheets, 74 ft. 8 in., in 6 drawers of wooden filing cases and in 185 cardboard transfer cases. R. 519. (1503)

587. CROSS INDEX, 1921 to date. Cross index used in connection with circulars of rules and regulations. Filed chronologically. (Frequently, official.) 3 x 5 cards, 1 ft., in wooden card cabinet. R. 519. (1470)

588. CROSS INDEX FILE TO CORRESPONDENCE, 1921 to date. Index to correspondence regarding departmental business. Arranged alphabetically by topic. (Daily, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 2 ft. 6 in., in 4 drawers of wooden card cabinet. R. 519. (1491)

589. INDEX TO LICENSE FILES, 1921 - 1935. Index Nos. 14160 - 24242; show name and date of issuance of licenses to maritime officers. Recorded numerically. (Frequently, official.) 5 x 8 vols. (3), 3 in., on wooden shelf. R. 515. (1446)

590. INDEX TO SUPERVISING INSPECTOR'S CORRESPONDENCE, 1921 to date. Relates to decisions and correspondence of local inspectors concerning regulations for the transportation of dangerous cargoes. Arranged alphabetically. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 2 ft., in card cabinet. R. 519. (1483)

591. INDEX TO VESSEL CASUALTIES AND REPORTS, 1921 to date. Refers to collisions, accidents, and wrecks occurring in this district; also reports by local inspectors. Gives name of vessel, master, date of casualty, and action taken. Arranged alphabetically. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 6 ft., in 6 drawers of wooden card cabinet. R. 519. (1486)

592. OFFICIAL CORRESPONDENCE, 1921 to date. Pertains to complaints, appeals, examinations for higher ratings, and heroic actions at sea. Arranged alphabetically by topic. 3 x 5 card index, 8 in. (Frequently, official.) 9 x 12 folders, 2 ft. 8 in., in wooden filing case. R. 519. (1469)

593. OFFICIAL CORRESPONDENCE, 1921 to date. Relative to the issuance of licenses and other official business of this department. (Daily, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 4 ft., in 4 drawers of wooden card cabinet. R. 519. (1506)

594. PETROLEUM PERMITS, 1921 to date. Record of transportation permits granted, and correspondence relative to issuance and number of permits. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 1 ft., in card cabinet. R. 519. (1508)

595. EXPENSE ACCOUNTS, June 1921 to date. Form 825, itemized statement of monies received for inspection trips to vessels and for other expenses incurred; gives date, reason for expenditure, and name of assistant inspector spending same. (Frequently, official.) 9 x 12 envelopes, 4 ft., in 3 drawers of wooden filing case. R. 515. (1397)

596. MANIFESTS: OUTWARD AND INWARD, FOREIGN AND DOMESTIC, 1924 - 1935. Tabulated reports of cargoes of foreign and domestic goods in transport to and from various ports. (Occasionally, official.) 9 x 14 bundles, 218 ft., on floor. R. 504 and Attic. (671)

597. FUSIBLE PLUGS APPROVED FOR USE IN STEAM BOILERS, 1925 - 1935. Reports show name and address of manufacturer, number of plugs approved, date of approval, and heat test of plug approved. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 6 in., in drawer of wooden card cabinet. R. 519. (1614)

598. VIOLATIONS OF LAW, 1927 to date. Reports to local inspectors regarding shortage of crew owing to failure of party to appear at time of sailing. (Occasionally, official.) 12 x 12 envelopes, 6 in., on wooden shelf and in pasteboard box. R. 515. (1440)

599. APPLICATIONS OF OWNER OR MASTER FOR OFFICIAL NUMBER, 1928 - 1929. Application form shows rig, name and dimensions of vessel, when and where built, owner, service of vessel, and signature of collector of customs. (Rarely, official, public.) 8 x $10\frac{1}{2}$ bundle, 1 ft. 5 in., on shelf of wooden wall case. R. 504. (1199)

600. INSPECTION OF GOVERNMENT BOILERS, 1929 to date. Correspondence, reports and applications for inspection; show name of vessel inspected and description of damage found. (Frequently, official.) 12 x 12 envelopes, 10 in., in transfer case. R. 515. (1459)

601. ANNUAL INSPECTION REPORTS INDEX, 1930 - 1935. Memoranda show class, tonnage, date when built, date and place of inspection, name of vessel, kind of vessel, service, and name and address of owner. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 1 ft. 8 in., in card cabinet. R. 519. (1517)

602. DAILY ACTIVITIES OF INSPECTORS, 1930 to date. Daily memoranda show activities of local inspectors and assistants on date designated. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 1 ft., in card cabinet. R. 519. (1476)

603. INDEX TO DAILY MEMORANDA OF TRANSACTIONS, 1930 to date. Shows duties performed by inspectors on specified dates. Arranged alphabetically and chronologically. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 1 ft., in card cabinet. R. 519. (1504)

604. ACCIDENT REPORTS AND CORRESPONDENCE, 1931 to date. Between local inspectors and masters of ships involved, describing and placing blame for these accidents; reports cover estimated damage and disposition of same. (Frequently, official.) 12 x 12 envelopes, 6 in., in transfer case. R. 515. (1453)

605. ANNUAL REPORT OF UNITED STATES SUPERVISING INSPECTOR, FIRST DISTRICT, 1931 - 1935. Report on inspections of miscellaneous boilers in government steamers, and buildings; shows date of inspection, place inspected, name of vessel or building, and number inspected. (Rarely, official.) 12 x 12 envelopes, 1 ft. 6 in., in transfer case. R. 519. (1492)

606. RULES AND REGULATIONS CORRESPONDENCE, 1931 to date. Letters from local inspectors requesting information or interpretation of rules and regulations. (Frequently, official.) 12 x 12 envelopes, 3 in., in wooden transfer case on shelf. R. 515. (1447)

607. LICENSES, 1933 to date. Forms 867, 869 and 871, masters' licenses for steam, motor, and sail vessels, and mates' licenses for ocean or coastwise steam and motor vessels; show name of applicant, rating, oath, and signature of local inspector. (Daily, official.) 12 x 12 loose sheets, 9 in., in transfer case. R. 524. (1148)

608. MONTHLY REPORT OF ABSENCES, 1933 to date. Correspondence and reports regarding absences from duty; show names and date of annual absence leaves of employees from local inspectors' offices. (Frequently, official.) 12 x 12 envelopes, 1 ft. 6 in., in wooden transfer case on shelf. R. 515. (1445)

609. REPORTS OF ACCIDENTS EFFECTING AIDS TO NAVIGATION, 1933 to date. Correspondence relative to accidents effecting buoys, beacons, and other aids to navigation; gives report of accident with condition of weather and tides at the time. (Frequently, official.) 12 x 12 envelopes, 2 ft., in transfer case and in wooden box. R. 515. (1444)

610. SHIP OWNERS' ASSOCIATION REPORTS OF VESSELS IN OPERATION, 1933 to date. Show name of ship and owner; itemized list of vessels in operation and those laid up or out of service. (Frequently, official.) $8\frac{1}{2}$ x 10 packages, 4 in., on shelf and in filing case. R. 519. (1519)

611. DAILY MEMORANDA OF TRANSACTIONS, 1934 - 1935. Show vessel inspected, name of inspector, class of vessel, and when inspected. (Daily, official.) 12 x 12 sheets, 3 in., in drawer of transfer case. R. 519. (1518)

612. LOST LICENSES REPORTED BY BUREAU, 1934 to date. Record of name, class, serial number, date issued, and date of bureau circular letter relative to same. Arranged alphabetically. (Frequently, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 4 ft., in 4 drawers of wooden card cabinet. R. 515. (1398)

613. RECORD OF INSPECTIONS OTHER THAN ANNUAL, 1934 - 1935. Gives name and owner of vessel, date and place of inspection, names of inspectors, and description of work done. (Rarely, official.) $3\frac{1}{2}$ x $5\frac{1}{2}$ cards, 2 ft., in 2 drawers of wooden cabinet. R. 519. (1494)

614. STUBS OF LICENSES FOR STEAM ENGINEERS AND ASSISTANT STEAM ENGINEERS, 1934 to date. Forms 876 and 877 show name, rating, date, oath, issue number, and signature of local inspector. Arranged numerically. (Occasionally, official.) 12 x 12 stub books, 1 ft. 6 in., in transfer case. R. 524. (1195)

615. MONTHLY REPORTS OF INSPECTORS' ACTIVITIES, 1936 to date. Show number of ships inspected, gross tonnage and dry dock examinations, number of licenses issued and renewed, certificates granted, and number of trials and investigations. (Daily, official.) 12 x 12 bundle, 3 in., on wooden shelf. R. 515. (1437)

616. REPORT OF CASUALTIES AND VIOLATIONS OF STEAMBOAT LAWS, 1936 to date. Gives name of steamer and master, number of lives lost and saved, date of report, date of casualty or violation and nature of same, action taken, fuel report, description of accident, and signature of local inspector. (Frequently, official.) 12 x 12 folders, 4 in., in drawer of wooden filing case. R. 515. (1399)

SHIPPING SERVICE

SHIPPING COMMISSIONER

Appraisers Bldg., Washington and Sansome Sts.

The Bureau of Navigation, now the Shipping Service, was originally located at 603 Front Street. It was moved to 506 Battery Street in 1887, to the Appraisers Building, Washington and Sansome Streets in 1888, to the Ferry Post Office Building, Embarcadero and Merchant Streets in 1906, and in 1911 returned to the Appraisers Building where it is now located.

The main function of this agency is to promote the safety of life and property incident to water travel and commerce. All vessels come under its jurisdiction from the blue print stage,

through the construction period, and during the years in commission.

The minor functions of the Shipping Service are: recording the shipping articles of vessels with a particularized list of each crew; maintaining the crew log books containing the financial account of each crew member; and issuing certificates of discharge to seamen at completion of the voyage.

The Shipping Service has active jurisdiction over San Francisco, San Pablo, and Suisun Bays. Where no shipping commissioner has been appointed for the remaining territory of the agency, the duties of the Bureau of Navigation are taken over by the Collector or Deputy Collector of Customs.

617. PACIFIC MAIL BOOKS, SEAMEN'S ACCOUNTS AND HEARINGS, 1872 - 1888; 1917 - 1930. Records of Pacific Mail's accounts of deceased and deserting seamen, and seamen's hearings before Merchant Marine Commission. Indexed. (Occasionally, official.) 6 x 10 and 10 x 16 bundles, 84 ft., on shelves. Record Room, 4th floor. (5563)

618. SEAMEN'S DISCHARGES, MASTERS' ORDERS, AND EMPLOYEES' SERVICE REPORTS, 1872 - 1909. Stub books of seamen's discharges, masters' orders for seamen, lists of officers and men employed, salaries paid to officers and seamen engaged in marine shipping and passenger service, 1880 - 1909; also lists of seamen arrivals, 1872 - 1885. Indexed. (Occasionally, official.) Various sized vols. (76), and bundles (73), 175 ft., on shelves. Record Room, 4th floor. (5562)

619. SHIPPING ARTICLES OF VESSELS, 1872 - 1910. Contain crew lists, age, rating, salary, where born, and citizenship status. See addenda for list by years. (Occasionally, official.) 5 x 11½ folders and variously sized packages (26979) within bundles (550), 3,114 ft., on 6 shelves. Dirty, torn, scattered, and bindings broken. Record Room, 4th floor. (2844)

620. SHIPPING ARTICLES, 1887 - 1888; 1890 - 1934. Pacific Mail and Oceanic Steamship Companies' shipping articles contain list of ships' crews, ages, ratings, salaries, birthplace, and citizenship status of each. (Frequently, official.) Various sized bundles (595), 220 ft., on shelves and in bins. Dirty, scattered, and bindings broken. Record Room, 4th floor. (4882)

621. CREW LOG BOOKS, 1910 - 1934. Accounts by voyage with individual crew members; show names of crew members and masters, money, merchandise or time lost, amount of indebtedness, and amounts to be deducted from pay at end of voyage. Filed chronologically and alphabetically by names of vessels. (Rarely, official.) 9 x 12 bundles (1097) and vols. (17351), 901 ft., on shelves. Dirty and bindings broken. Log Room, 4th floor. (7759)

622. CASH BOOKS AND COMPLAINTS, 1913 - 1931. Record of cash receipts and disbursements; complaints and charges against seamen in marine service; list of British seamen's deaths in Panama

Canal Zone; with accompanying death certificates. Indexed. (Occasionally, official.) 6 x 9 and 9 x 12 bundles, 91 ft., on shelves. Record Room, 4th floor. (5561)

623. CERTIFICATES OF DISCHARGES, 1922 to date. Stubs of discharge certificates issued to each seaman at the completion of the voyage; gives character, ability, and seamanship, name of vessel, and date. (Occasionally, official.) 5 x 7 bundles (180), 27 ft., in wooden boxes. Dirty and bindings broken. Record Room, 4th floor. (4881)

SAN PEDRO

INSPECTION SERVICE

LOCAL INSPECTOR OF HULLS AND BOILERS

Mahar Bldg., 524 W. Sixth St.

The Inspection Service was established in January 1914. Prior to the consolidation in 1932 this branch was part of the agency of the Steamboat Inspection Service and was located in the State Bank Building, Sixth and Beacon Streets, until 1924, when it was moved to the present address.

The main function of this agency is to promote the safety of life and property incident to water traffic. All vessels come under its jurisdiction from the blue print stage, through construction period, and during the years in commission.

Other functions of the Inspection Service are: licensing masters, engineers, pilots, and ships' officers; issuing certificates to able seamen and lifeboat men; examining blue prints of vessels and inspecting materials going into their construction; frequently inspecting hulls, boilers, valves and fittings, and making a thorough inspection of all vessels at least once a year; investigating casualties, accidents, collisions, and infractions of maritime laws, and accidents effecting buoys, beacons, and other aids to navigation.

This agency has jurisdiction over all navigable waters lying between the 35th parallel and the Mexican border as far east as the continental divide. This includes, more specifically; the California Counties of Santa Barbara, Ventura, Los Angeles, Orange, San Diego, San Bernardino, Riverside, and Imperial; in Arizona, the counties of Yavapai, Yuma, Maricopa, Gila Pinal, Pima, Graham, and Cochise; and in New Mexico, Catron, Grant, Hidalgo, Socorro, and Luna Counties.

Original card records are sent to Washington. Records are filed according to specific filing manual in use by the Bureau of Marine Inspection and Navigation. There are no useless papers.

624. CHARTS AND MAPS USED IN EXAMINATION, 1911; 1913; 1919 - 1920; 1922; 1924 - 1926; 1928; 1930; 1932 - 1935. Navigation charts filed in order of acquisition and pertaining to routes. See addenda for routes. (Daily, official.) Various sized charts, 10 in., in 5 wooden map cases. R. 109. (658)

625. RECORD OF CIRCULAR LETTERS RECEIVED DURING EACH MONTH, Nov. 1913 - Apr. 1936. Form 940, monthly record of circular letters sent to this office from Washington. Arranged chronologically. (Occasionally, official.) 3 x 5 cards, 7 in., in card cabinet. Rs. 101-103. (629)

626. NON-EXPENDABLE PROPERTY AND MONTHLY REPORTS, Dec. 1913 - July 1935. Form 900, officers' license and certificate issued to able seamen and lifeboat men; Form 914, record of expendable property; Form 926, report of examination for color blindness and visual defects. See addenda for further details. Filed chronologically. (Occasionally, official.) 3 x 5 cards, 8 in., in card cabinet. Rs. 101-103. (630)

627. LICENSES FOR CHIEF ENGINEERS OF STEAM VESSELS, Dec. 3, 1913 - Dec. 28, 1934. Stubs of licenses issued to chief engineers of steam vessels; give serial, file and issue numbers, name of chief engineer, length of time license is valid, and oath of citizenship sworn to before the local inspector. Arranged alphabetically by name of applicant. (Daily, official.) 5 x 9 stub books (15), 1 ft., on wooden shelf. R. 113, storeroom. (667)

628. MASTER'S LICENSE FOR STEAM AND MOTOR VESSEL, Dec. 5, 1913 - Oct. 22, 1935. Stubs of licenses issued to masters of steam and motor vessels; give serial, file and issue numbers, name of master, ports between which license is valid, length of time license is valid, and oath of citizenship sworn to before the local inspector. Arranged alphabetically by name of applicant. (Daily, official.) 5 x 9 stub books (17), 1 ft. 1 in., on wooden shelf. R. 113, storeroom. (665)

629. OPERATOR'S LICENSE FOR MOTOR VESSELS, Dec. 5, 1913 - Nov. 7, 1935. Stubs of licenses issued to operators of motor vessels; give serial, file and issue numbers, name of operator, length of time license is valid, and oath of citizenship sworn to before local inspector. Arranged alphabetically by name of applicant. (Daily, official.) 5 x 9 stub books (68), 4 ft. 7 in., on wooden shelves. Dirty and sooty. R. 113, storeroom. (666)

630. ASSISTANT ENGINEERS' LICENSES, Dec. 19, 1913 - Jan. 13, 1936. Stubs of licenses issued to assistant engineers; give serial, file and issue numbers, name of assistant engineer, length of time license is valid, and oath of citizenship sworn to before local inspector. Arranged alphabetically by name of applicant. (Daily, official.) 5 x 9 stub books (15), 11 in., on wooden shelf. R. 113, storeroom. (668)

631. LICENSES FOR ENGINEERS OF MOTOR VESSELS, Dec. 22, 1913 - Mar. 7, 1935. Stubs of licenses issued to engineers of motor vessels; give serial, file and issue numbers, name of engineer, length of time license is valid, and oath of citizenship sworn to before local inspector. Arranged alphabetically by name of applicant. (Daily, official.) 5 x 9 stub books (17), 9 in., on wooden shelf. R. 113, storeroom. (669)

632. ANNUAL INSPECTION REPORT INDEX, 1914 to date. Record of vessels inspected by this office gives name of vessel, tonnage, nationality, date and time present inspection began, time completed, district number, district of previous inspection, place inspected; year hull built, year hull and boilers rebuilt, kind of vessel, i.e., steam, gasoline, deisel, etc., character of route, period for which equipped, owner's name and address, application and date, copy of certificate and date, and date of expiration of old certificate. Filed alphabetically by name of vessel. (Daily, official.) 3 x 5 cards, 3 ft. 1 in., in 3 drawers of steel card cabinet. R. 103. (642)

633. APPLICATION FOR CERTIFICATE OF EFFICIENCY AS LIFEBOAT MAN, Jan. 1914 - May 1936. Form 977, applications and correspondence pertaining to certificate of efficiency; gives cancelled certificate, if any, date, nationality, age, place and date of birth, and signature of applicant; also city and state where oath was taken, date notarized, and signature of notary. (Daily, official.) $9\frac{1}{4}$ x $11\frac{1}{2}$ envelopes, 5 ft. 5 in., in 24 transfer cases, in wooden cabinets and in steel drawer. R. 103. (653)

634. APPLICATION FOR CERTIFICATE OF SERVICE AS ABLE SEAMAN, Jan. 1914 - May 1936. Gives name and file number, physical examination, report of applicant from U. S. Public Health Service, application for certificate of service as able seaman, and relative correspondence. (Daily, official.) $9\frac{1}{4}$ x $11\frac{1}{2}$ envelopes, 16 ft. 6 in., in transfer cases and in wooden cabinets. R. 103. (652)

635. APPLICATION FOR ORIGINAL LICENSE FOR MASTERS, MATES, PILOTS, MOTOR BOAT OPERATORS, AND CHIEF AND ASSISTANT ENGINEERS, Jan. 1914 - May 1936. Form 866-A, application and correspondence pertaining to the license and cancelled license, if any; shows address of applicant, date, kind of license applied for, location of waters to be operated on, type of vessel to be operated, nationality of applicant, date and place of birth, and signature of applicant; city and state where oath was taken, date notarized, and signature of notary. (Daily, official.) $9\frac{1}{4}$ x $11\frac{1}{2}$ envelopes, 86 ft. 2 in., in steel filing cases. R. 103. (651)

636. "CASUALTIES AND VIOLATIONS" INDEX FILE, Jan. 1914 - May 1936. Form 924-A shows number, name of vessel, tonnage, name of officers, local district, date of report, date of casualty or violation, nature of casualty or violation, action taken, and number of lives lost, if any. Reverse side gives brief summary of casualty and violation. Made in triplicate; original copy

sent to Washington; duplicate to San Francisco. Arranged alphabetically by name of vessel. (Daily, official.) 3 x 5 cards, 1 ft. 8 in., in 2 drawers of steel card cabinet. R. 103. (647)

637. COMBINATION FILE, Jan. 1914 - May 1935. Subjects: add to crew, clearance, petroleum, change of name, draft, marks, passengers, indorsements, letters of approval, excursion permit, life preservers, government vessels and buildings, release books, fusible plugs, and file number. (Daily, official.) 3 x 5 cards, 4 in., in card cabinet. R. 103. (641)

638. DRYDOCK EXAMINATIONS INDEX FILE, Jan. 1914 - May 1936. Form 930-A shows name of vessel, tonnage, class, owner and address, character of inspections, date and local district of last annual inspection, date of present inspection, time began, time completed, local district name, and names of inspectors conducting inspection. Arranged alphabetically by name of vessel. (Daily, official.) 3 x 5 cards, 1 ft. 8 in., in 2 steel drawers. R. 103. (649)

639. FILE OF MISCELLANEOUS CORRESPONDENCE AND RECORDS, Jan. 1914 - May 1936. Agencies and subjects: casualties and violations, rules and regulations, licenses, vessel and equipment, requisitions, reports, safety appliances, dangerous articles, United States Government departments, personnel records, inspections, and miscellaneous subjects. (Daily, official.) 9 $\frac{1}{4}$ x 11 $\frac{1}{2}$ envelopes, 29 ft. 4 in., in 170 transfer cases, in wooden cabinets and in steel drawer. R. 103. (655)

640. LICENSE RECORD, Jan. 1914 - June 30, 1935. Form 927, license issued; Form 933, record of indorsement on license; Form 928, license suspended, revoked, cancelled, or withheld. Arranged alphabetically by name. (Daily, official.) 3 x 5 cards, 15 ft., in 12 drawers of card cabinets. Rs. 101-103. (627)

641. MISCELLANEOUS INDEX FILE, Jan. 1914 - May 1936. Gives date of record, brief summary of contents of record, and file number under which record is kept or stored. Arranged alphabetically. (Daily, official.) 3 x 5 cards, 2 ft. 4 in., in 2 steel drawers. R. 103. (645)

642. RECORD OF FUSIBLE PLUGS INSERTED IN BOILER, Jan. 1914 - May 27, 1936. When new plug is needed and inspection made after plug was inserted; shows name of boiler manufacturer, address, heat number, number of plugs inserted in boiler, name of vessel, tonnage, date of insertion, inspector's name, and file number. Filed by name of vessel. (Occasionally, official.) 3 x 5 cards, 1 ft. 4 in., on top of filing cabinet. R. 103. (643)

643. RECORD OF INSPECTION OF VESSELS, Jan. 1914 - May 1936. Application and correspondence pertaining to the certificate of inspection of vessels. Form 840-E, hull inspector's report;

Form 840-H, vessel dry dock examination; Form 840-F, vessel re-inspection report of hull; Form 840-FA, vessel re-inspection report of boilers; Form 840-A, annual inspection report of hull; Form 840-B, boiler inspector's report; Form 840-C, hull inspector's report of motor vessel; Form 840-D, boiler inspector's report of motor vessel; Form 991-A, hull inspector's report in inspection of foreign steamers; Form 991-B, boiler inspector's report of inspection of foreign steamer. (Daily, official.) $9\frac{1}{4}$ x $11\frac{1}{2}$ envelopes, 52 ft., in 275 transfer cases in wooden cabinets and in 4 steel drawers. R. 103. (654)

644. SPECIAL EXAMINATIONS AND RE-INSPECTIONS INDEX FILE, Jan. 1914 - May 1936. Form 930-A shows name of vessel, tonnage, class, owner's name and address, character of inspection, date and local district of last annual inspection, date of present inspection, time started, time completed, local district name, and names of inspectors conducting inspection. Arranged alphabetically by name of vessel. (Daily, official.) 3 x 5 cards, 2 ft., in 2 steel drawers. R. 103. (648)

645. SUBJECT INDEX FILE, Jan. 1914 - May 1936. Shows date, brief summary of contents, and file number. Arranged alphabetically by subject. (Daily, official.) 3 x 5 cards, 4 ft., in 4 steel drawers. R. 103. (646)

646. TENSILE TEST REPORTS, Jan. 1914 - May 27, 1936. Form 934-B, reports of tensile tests of samples of material intended to be employed in the construction of boiler for steam ships; mill where tests were made, name and address of builder of boiler, builder of hull, owner of vessel, quench bends and fracture, if any, contents of sulphur and phosphorous, name of inspector, and date of tests and reports. Reverse side gives detailed report of test. Filed alphabetically by name of vessel. (Occasionally, official.) 3 x 5 cards, 1 ft. 2 in., in pasteboard boxes. R. 103. (644)

647. VESSEL INDEX FILE, Jan. 1914 to date. Shows name of vessel, class of vessel, i.e., ocean, coastwise, fishing, pleasure, etc., tonnage, home port, name of owner, date of examination, and file number. Arranged alphabetically by name of ship or vessel. (Daily, official.) 3 x 5 cards, 2 ft. 1 in., in steel filing case. Rs. 101-103. (640)

648. LICENSE FOR MASTERS OF SAIL VESSELS, Jan. 29, 1914 - Dec. 14, 1933. Stubs of licenses issued to masters of sailing vessels; give serial, file and issue numbers, name of master, ports between which license is valid, length of time license is valid, and oath of citizenship sworn to before local inspector. Arranged alphabetically by name of applicant. (Daily, official.) 5 x 9 stub books (10), 4 in., on wooden shelf. R. 113, storeroom. (664)

649. MATE'S LICENSE FOR OCEAN OR COASTWISE STEAM AND MOTOR VESSELS, Jan. 30, 1914 - Mar. 1, 1935. Stubs of licenses issued to mates; give serial, file and issue numbers, name of person to whom issued, ports between which license is valid, length of time license is valid, and oath of citizenship sworn to before local inspector. Arranged alphabetically by name of applicant. (Daily, official.) 5 x 9 stub books (17), 11 in., on wooden shelf. R. 113, storeroom. (663)

650. CERTIFICATES OF SERVICE TO ABLE SEAMEN, Nov. 1, 1915 - Dec. 28, 1935. Stubs retained after issuance of a certificate of service; give number, name and address of seaman, citizenship, place and date of birth, serial number of certificate, date of issue, and signatures of seaman and of supervising inspector. Arranged alphabetically by name of applicant. (Daily, official.) 5 x 8 stub books (39), 2 ft. 5 in., on wooden shelf. R. 113, storeroom. (670)

651. RECORD OF SERVICE CERTIFICATE ISSUED TO ABLE SEAMAN, Nov. 1, 1915 - May 25, 1936. Form 981-A gives file number, and record and signature of able seaman to whom license was issued. Arranged chronologically. (Daily, official.) 3 x 5 cards, 2 ft. 2 in., in 2 drawers of card cabinet. Rs. 101-103. (631)

652. CERTIFICATE OF EFFICIENCY TO LIFEBOAT MAN, Nov. 2, 1915 - Feb. 27, 1935. Stubs retained after issuance of certificate of efficiency to lifeboat man; show file number, name and address of lifeboat man, date issued, port issued, and signatures of lifeboat man, and local inspector. Arranged alphabetically by name of applicant. (Daily, official.) 5 x 6 stub books (32), 1 ft. 11 in., on wooden shelf. R. 113, storeroom. (671)

653. SEGREGATION OF EXAMINATION QUESTIONS, 1918 - 1934. Examination questions in various subjects which are often changed as a result of experience. Arranged alphabetically. (Frequently, official.) 5 x 8 cards, 1 ft. 2 in., in cabinet on desk. R. 107. (657)

654. BLUE PRINTS OF HULLS AND MACHINERY, July 1919 - Sept. 1932. Hulls and machinery of vessels built or changed in this harbor. Arranged alphabetically by name of vessel. (Occasionally, official.) 9 x 10 envelopes and bundles (76), 7 ft. 6 in., on shelves. R. 113, storeroom. (662)

655. DIARY OF WORK OF INSPECTORS, July 1920 - Dec. 31, 1935. Daily record handbook gives name and location of vessel, name of inspector, and time inspection began and ended. (Occasionally, official.) 8½ x 10 vols. (35), 2 ft. 1 in., on shelf. R. 113, storeroom. (672)

656. BOILER BLUE PRINTS AND FUEL OIL INSTALLATIONS, Dec. 1920. Prints of boilers and fuel oil installations of steam and motor boats built or changed in Los Angeles harbor. Auxiliary to blue prints of hulls, and are kept in separate files.

Serial number corresponds to those of blue prints of hulls. (Occasionally, official.) 10 x 12 loose sheets, 2 ft., in 8 letter files on wooden shelf. R. 113, storeroom. (661)

657. PUBLIC VOUCHER FOR REIMBURSEMENTS OF TRAVEL AND OTHER EXPENSES, Jan. 1927 - May 1936. Form 1012 shows name of agency, name of appropriation, name, address and title of payee, month and year expense was incurred, itemized schedule of travel and other expenses, date, character of expenditure, amount of each, and total amounts. (Never.) 9 x 11½ envelopes, 1 ft. 3 in., in steel drawer. R. 103. (650)

658. DAILY MEMORANDUM OF TRANSACTIONS, Jan. 1, 1929 - May 24, 1936. Form 919, daily record of each inspector's work. Arranged chronologically. (Daily, official.) 3 x 5 cards, 1 ft. 3 in., in card cabinet. Rs. 101-103. (628)

659. ANSWERS TO EXAMINATION QUESTIONS, 1934. Record of answers to examination questions for officers of vessels other than engineer. Recorded numerically. (Daily, official.) 11½ x 14½ vol., 1 in., on desk. Rs. 109 and 111. (660)

660. NAVIGATION QUESTIONS, 1934 - 1935. Questions and problems for examinations for master, chief mate, second mate, and third mate of ocean vessels; master, chief mate, second mate, and third mate of coastwise vessels; master of steam yacht; master of ocean fishing vessels; master and pilot inland; chief mate and second mate of coastwise, 600 miles or less; master of coastwise vessels for 300 miles or less; master of sail vessels pertaining to meridian altitude of sun, etc. See addenda for further details. (Daily, official.) 9 x 15 loose forms, 1 ft. 10 in., in wooden filing case. R. 109. (659)

661. CURRENT LICENSE CARD RECORD, July 1935 - May 25, 1936. Licenses issued for masters, mates, pilots, chief engineers, assistant engineers, certificates of lost, suspended, revoked, or cancelled licenses, endorsements, special examinations, and dry dock examinations. See addenda for further details. Filed chronologically. (Daily, official.) 3 x 5 cards, 1 ft. 2 in., in card cabinet. Rs. 101-103. (633)

662. RECORD OF ABLE SEAMEN AND LIFEBOAT MEN, July 1, 1935 - May 27, 1936. Forms 981-A, 982, 981-B and 975 give record of current licenses issued; able seamen certificates show change of name, raise of grade, duplicate certificate, substitute certificates withheld, other than physically disqualified, and physically disqualified; lifeboat man certificates show change of name, duplicate certificates issued to lifeboat men, substitute lifeboat men, and missing certificate lifeboat men. Arranged numerically and chronologically. (Daily, official.) 3 x 5 cards, 9 in., in card cabinet. Rs. 101-103. (634)

663. DAILY RECORD, Jan. 1 - June 28, 1936. Record of each day's inspections and examinations; give time of inspection, initials of inspector, name of vessel, and location. Entered chronologically. (Daily, official.) 8 x 10 $\frac{1}{2}$ vol., 1 in., on desk. Rs. 101-103. (637)

664. ABLE SEAMEN INDEX, n.d. Index of standing of able seamen's licenses if issued, withheld, or revoked for any cause. Arranged alphabetically by name. (Daily, official.) 3 x 5 cards, 4 ft. 2 in., in 5 drawers of card cabinets. Rs. 101-103. (639)

665. EXAMINATION QUESTIONS AND ANSWERS FOR APPLICANTS FOR VESSEL ENGINEERS' LICENSES, n.d. Questions and answers and mathematical problems used in examination of applicants for licenses for steam and motor engineers; compiled by boiler inspectors. (Daily, official.) 11 x 16 $\frac{1}{2}$ vol., 1 in., on desk. Rs. 101-103. (636)

666. EXAMINATION QUESTIONS AND ANSWERS FOR VESSELS' OFFICERS, n.d. United States Treasury Dept. Book 7113 was used over ten years ago in preparation of questions and answers for examinations for officers of steam and motor boat licenses. (Occasionally, official.) 10 $\frac{1}{2}$ x 16 vol., 1 in., in desk. R. 107. (656)

667. LICENSE INDEX, n.d. Shows file number of status of all licenses issued, lost, changed, stolen, refused, revoked; record of change of birth date, citizenship status, and change of address. Filed alphabetically. (Daily, official.) 3 x 5 cards, 12 ft. 9 in., in 15 drawers of card cabinets. Rs. 101-103. (638)

668. RECORD OF CERTIFICATE OF EFFICIENCY ISSUED TO LIFE-BOAT MEN, n.d. Form 975, certificates issued to lifeboat men. Arranged alphabetically by name. (Daily, official.) 3 x 5 cards, 4 ft. 4 in., in 3 drawers of card cabinet. Rs. 101-103. (632)

669. SAFETY VALVE PROBLEMS USED IN ENGINEERS' EXAMINATIONS, n.d. Book 35, problems and answers on operation of safety valves, used in examinations of engineers of steamers and motor boats. (Daily, official.) 8 x 13-3/4 vol., 1 in., on desk. Rs. 101-103. (635)

SHIPPING SERVICE
SHIPPING COMMISSIONER
Podesta Bldg., 625 S. Beacon St.

The Shipping Service was established on March 1, 1929 and, excepting the above-mentioned consolidation, has not been re-organized administratively nor been located elsewhere than the present quarters.

The major functions of the Shipping Service are: recording the shipping articles and a particularized list of each crew, maintaining crew log books containing accounts kept with each crew member, and issuing certificates of discharge to seamen.

While the Shipping Service has jurisdiction over all of the above, it confines its activities to San Pedro and Santa Monica Bays. At all other points where no Shipping Commissioner has been appointed, the duties of this branch are assumed by the Collector or Deputy Collector of Customs.

The Shipping Service has destroyed useless papers upon advice from Washington. Records are filed according to the manual of the Bureau of Marine Inspection and Navigation.

670. MUTUAL RELEASE OF MASTER AND SEAMEN, Aug. 28, 1907 to date. Receipt books signed by the seamen, releasing master or agent from all claims in respect to past voyage; issued before shipping commissioner. Indexed. (Daily, official.) $8\frac{1}{2}$ x 14 vols., 4 ft. 4 in., on 2 wooden shelves. R. 5. (617)

671. REGISTER OF OFFICIAL SERVICES TO VESSELS OF THE UNITED STATES, AND SEAMEN SHIPPED AND DISCHARGED, July 2, 1927 to date. Form 729-B shows date, name of vessel, discharged seamen, employer, number of men discharged, port from which sailed, nativity of seamen in totals, and monthly total of shipments, re-shipments and discharges. Entered chronologically. (Daily, official.) 15 x $17\frac{1}{2}$ vols. (4), 7 in., on wooden shelf under counter. R. 5. (615)

672. ARTICLES SIGNED ON, Mar. 1, 1929 to date. Form 705-A, certificates of agreement between master and seamen in the Merchant Marine Service of the United States; indorsed by the shipping commissioner and consuls before ship leaves port for voyage; gives general nature of voyage, probable length, and at what port the voyage is to terminate. Filed chronologically. (Older records, occasionally; current records, daily, official.) 11 x 18 folders and bundles, 9 ft., in 13 drawers of metal filing cases. Rs. 5 and 7. (618, 623)

673. BUREAU AND GENERAL INDEX, Mar. 1, 1929. Shows file number, name of subject, date, correspondence received and date answered. Bureau index to inter-bureau correspondence. General refers to general correspondence. See addenda for further details. Arranged alphabetically. (Daily, official.) 5 x 8 cards, 7 in., in 2 drawers of wooden filing case. R. 7. (626)

674. CORRESPONDENCE, Mar. 1, 1929 to date. To and from this office regarding all business and official matters. Filed alphabetically. 5 x 8 card index. (Occasionally, official.) 9 x 12 folders, 2 ft. 5 in., in 2 drawers of metal filing case. R. 7. (625)

675. DISCHARGES, Mar. 1, 1929 to date. Office record of discharge slips; gives seaman's name, ship's name, port of registry, character, birthplace, ability, and date of discharge. Filed alphabetically by name of vessel. (Frequently, official.) 3 x 5 slips, 23 ft. 4 in., in 15 drawers of card cabinets. R. 7. (621)

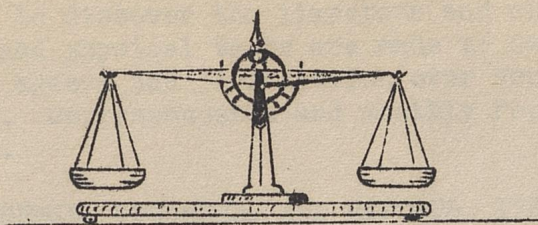
676. LOG BOOKS, ARTICLES PAID OFF, Mar. 1, 1929 to date. Articles of agreement between master and seamen in the Merchant Marine Service of the United States; also log book listing all seamen, their wages, capacity, conduct, ability, if ill or deserters, and where occurrence took place. Filed chronologically. (Older records, rarely; current records, daily, official.) 6 x 11½ booklets, 27 ft. 6 in., in 7 drawers of metal filing cases. Rs. 5 and 7. (616, 622)

677. SHIPPING OF SEAMEN INDEX, Mar. 1, 1929 to date. Contain all names and numbers of articles signed when shipped. Filed alphabetically. (Daily, official.) 5 x 8 cards, 2 ft. 4 in., in drawer of metal filing case and in drawer of wooden filing case. R. 7. (624)

678. UNCLAIMED WAGES (OBSOLETE), Feb. 26, 1932 - May 21, 1934. List of seamen who have not called for their wages. In event they do call, name is stricken from records. Recorded chronologically. (Never.) 9 x 13½ vol., 1 in., on top of files. R. 5. (619)

679. CASH BOOK, Sept. 1, 1932 to date. Shows date of receiving effects and money of deceased or deserting seaman, name of vessel, master, seaman's name, and amount and date when paid to court. Indexed by name of vessel and page number. (Never.) 10 x 15 vol., 2 in., on top of wooden cabinet. R. 5. (620)

NATIONAL
BUREAU
OF
STANDARDS



NATIONAL BUREAU OF STANDARDSRIVERSIDE

CLAY AND SILICATE PRODUCTS DIVISION
FIELD TEST STATION
Riverside Testing Laboratory
Near Riverside Cement Company Plant

This laboratory was established in Riverside on October 15, 1932. Its chief function is to maintain the commercial standards of cement as a guard against inferior products going into the construction of concrete buildings, dams, and highways. Cement is analyzed to discover the limestone and clay content and their purity, and physical tests are made to determine adhesiveness. The agency has jurisdiction over southern California and Arizona. Correspondence and monthly reports are sent to Washington.

680. CORRESPONDENCE, VOUCHERS, AND REPORTS, 1932 to date. Correspondence with the bureau and with the customers, monthly and fiscal reports, and equipment records. Filed by subject. (Older records, never; current records, daily, official.) 4 x 6 cards and 10 x 12 vols., folders and bundles, 10 ft. 6 in., in metal filing case and in 4 pasteboard boxes. Office. (760)

681. PHYSICAL AND ANALYTICAL RECORDS, 1932 to date. Analyses of samples and physical tests of cement. Filed serially. (Older records, never; current records, daily, official.) 4 x 6 cards, 2 ft., in wooden cabinet and in pasteboard box. Laboratory Office and vault in Cement Company office. (761)

SAN FRANCISCO

CLAY AND SILICATE PRODUCTS DIVISION
CEMENT SECTION

(Not surveyed)

