

TP-00787

ORIGINAL

TP-00787

| | |
|---------------------------------------------------------------------------------------------------------|-------------------------------|
| NOAA FORM 76-35 | |
| U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY | |
| DESCRIPTIVE REPORT | |
| Type of Survey | Shoreline |
| Job No. CM-7404 | Map No. TP-00787 |
| Classification No. Final | Edition No. 1 |
| Field Edited Map | |
| LOCALITY | |
| State | California |
| General Locality | Point Vicente to Port Hueneme |
| Locality | Santa Monica (East) |
| 1974 TO 1975 | |
| REGISTRY IN ARCHIVES | |
| DATE | |

☆ U.S. GOVERNMENT PRINTING OFFICE: 1974-762-901

8744
18740

| | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|
| NOAA FORM 76-36A (3-72) | | U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. | | TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED | | SURVEY TF 00787 - MAP EDITION NO. (1) MAP CLASS Final JOB PH-CM-7404 | |
| DESCRIPTIVE REPORT - DATA RECORD | | | | | | | |
| PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va. | | | | LAST PRECEEDING MAP EDITION | | | |
| OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr. | | | | TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED | | JOB PH- MAP CLASS SURVEY DATES: 19__ TO 19__ | |
| I. INSTRUCTIONS DATED | | | | | | | |
| 1. OFFICE | | | | 2. FIELD | | | |
| Aerotriangulation 11/4/74 Compilation 1/8/75 | | | | Premarking 1/30/74 Premarking Amendment I 3/14/74 | | | |
| II. DATUMS | | | | | | | |
| 1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN | | | | OTHER (Specify) | | | |
| 2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL | | | | OTHER (Specify) | | | |
| 3. MAP PROJECTION Polyconic | | | | 4. GRID(S) STATE California ZONE 5 and 7 | | | |
| 5. SCALE 1:10,000 | | | | STATE ZONE | | | |
| III. HISTORY OF OFFICE OPERATIONS | | | | | | | |
| OPERATIONS | | | | NAME | | DATE | |
| 1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY | | | | B. Thornton | | Jan 1975 | |
| 2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY | | | | R. Robertson | | Feb 1975 | |
| | | | | R. Robertson | | Feb 1975 | |
| 3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY | | | | L. Neterer | | Apr 1975 | |
| INSTRUMENT: Wild B-8 | | | | C. Blood | | Apr 1975 | |
| SCALE: 1:15,000 | | | | NA | | | |
| | | | | NA | | | |
| 4. MANUSCRIPT DELINEATION PLANIMETRY BY | | | | Charles Parker | | Apr 1975 | |
| METHOD: Smooth drafted | | | | F. Margiotta | | Jun 1975 | |
| SCALE: 1:10,000 | | | | NA | | | |
| | | | | NA | | | |
| HYDRO SUPPORT DATA BY | | | | Charles Parker | | Apr 1975 | |
| | | | | F. Margiotta | | Jun 1975 | |
| 5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY | | | | F. Margiotta | | Jun 1975 | |
| 6. APPLICATION OF FIELD EDIT DATA BY | | | | F. Margiotta | | Apr 1976 | |
| | | | | L. O. Neterer | | Apr 1976 | |
| 7. COMPILATION SECTION REVIEW BY | | | | L. O. Neterer | | Apr 1976 | |
| 8. FINAL REVIEW BY | | | | A. L. Shands | | Jan 1979 | |
| 9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY | | | | A. L. Shands | | Apr 1979 | |
| 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY | | | | F. R. WATTS | | JUN 1979 | |
| 11. MAP REGISTERED - COASTAL SURVEY SECTION BY | | | | E. L. DAUGHERTY | | DEC 1979 | |

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00787
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

| | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------|----------|--------------------|----------------------------------------------|
| CAMERA(S) Wild RC-8 "L" | | TYPES OF PHOTOGRAPHY LEGEND | | TIME REFERENCE | |
| TIDE STAGE REFERENCE | | (C) COLOR (P) PANCHROMATIC (I) INFRARED | | ZONE Pacific | <input checked="" type="checkbox"/> STANDARD |
| <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY | | | | MERIDIAN 120th | <input type="checkbox"/> DAYLIGHT |
| NUMBER AND TYPE | DATE | TIME | SCALE | STAGE OF TIDE | |
| *74L(C) 1120-1123 | 3/4/74 | 13:22 | 1:30,000 | 0.7 ft. below MLLW | |
| **74L 2203(I)-2204(I) | 4/5/74 | 08:40 | 1:30,000 | +0.2 ft. of MHW | |
| **74L 1556(I)-1557(I) | 3/21/74 | 13:50 | 1:30,000 | +0.2 ft. of MLLW | |

REMARKS
 *Bridge and compilation photography (predicted tides)
 **Tide coordinated photography at MHW and MLLW

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled graphically from the above listed tide coordinated photography and a note by the field editor on the field edit ozalid.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

The mean lower low water line was compiled graphically from the above listed tide coordinated photography.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

| SURVEY NUMBER | DATE(S) | SURVEY COPY USED | SURVEY NUMBER | DATE(S) | SURVEY COPY USED |
|---------------|---------|------------------|---------------|---------|------------------|
| | | | | | |

5. FINAL JUNCTIONS

| | | | |
|--------------------|-------------------|------------------|------------------|
| NORTH No survey | EAST No survey | SOUTH TP00788 | WEST TP-00786 |
|--------------------|-------------------|------------------|------------------|

REMARKS

TP-00787

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

| OPERATION | NAME | DATE |
|-------------------------------------|------------------------------------------------------|----------|
| 1. CHIEF OF FIELD PARTY | R. Melby | Feb 1974 |
| 2. HORIZONTAL CONTROL | RECOVERED BY R. Melby | Feb 1974 |
| | ESTABLISHED BY None | |
| | PRE-MARKED OR IDENTIFIED BY R. Melby | Feb 1974 |
| 3. VERTICAL CONTROL | RECOVERED BY None | |
| | ESTABLISHED BY None | |
| | PRE-MARKED OR IDENTIFIED BY None | |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY None | |
| | LOCATED (Field Methods) BY None | |
| | IDENTIFIED BY None | |
| 5. GEOGRAPHIC NAMES INVESTIGATION | TYPE OF INVESTIGATION | |
| | <input type="checkbox"/> COMPLETE | |
| | <input type="checkbox"/> SPECIFIC NAMES ONLY | |
| | <input checked="" type="checkbox"/> NO INVESTIGATION | |
| 6. PHOTO INSPECTION | CLARIFICATION OF DETAILS BY None | |
| 7. BOUNDARIES AND LIMITS | SURVEYED OR IDENTIFIED BY NA | |

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

None

| PHOTO NUMBER | STATION NAME | PHOTO NUMBER | STATION DESIGNATION |
|--------------|-----------------------------------|--------------|---------------------|
| 74I(C)1123 | BRENTWOOD NO.2 L.A.C.&C., 1933 | | |

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

| PHOTO NUMBER | OBJECT NAME | PHOTO NUMBER | OBJECT NAME |
|--------------|-------------|--------------|-------------|
| | | | |

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

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TP-00787
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

| OPERATION | NAME | DATE |
|-------------------------------------|------------------------------------------------------|----------|
| 1. CHIEF OF FIELD PARTY | R. E. Alderman | Oct 1975 |
| 2. HORIZONTAL CONTROL | RECOVERED BY FAIRWEATHER personnel | Oct 1975 |
| | ESTABLISHED BY None | |
| | PRE-MARKED OR IDENTIFIED BY None | |
| 3. VERTICAL CONTROL | RECOVERED BY None | |
| | ESTABLISHED BY None | |
| | PRE-MARKED OR IDENTIFIED BY None | |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY None | |
| | LOCATED (Field Methods) BY FAIRWEATHER personnel | Oct 1975 |
| | IDENTIFIED BY None | |
| 5. GEOGRAPHIC NAMES INVESTIGATION | TYPE OF INVESTIGATION | |
| | <input type="checkbox"/> COMPLETE BY | |
| | <input type="checkbox"/> SPECIFIC NAMES ONLY | |
| | <input checked="" type="checkbox"/> NO INVESTIGATION | |
| 6. PHOTO INSPECTION | CLARIFICATION OF DETAILS BY None | |
| 7. BOUNDARIES AND LIMITS | SURVEYED OR IDENTIFIED BY NA | |

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

| PHOTO NUMBER | STATION NAME | PHOTO NUMBER | STATION DESIGNATION |
|--------------|--------------|--------------|---------------------|
| | | | |

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

| PHOTO NUMBER | OBJECT NAME | PHOTO NUMBER | OBJECT NAME |
|--------------|-------------|--------------|-------------|
| | | | |

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

Map TP-00787 (Field Edit copy); and Field Edit Report, OPR-411-Fa-75,
2-forms 76-40

NOAA FORM 76-36D
(3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

TP-00787
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

| COMPILATION STAGES | | | DATE MANUSCRIPT FORWARDED | |
|--------------------------------------------|----------|----------------------|---------------------------|---------------|
| DATA COMPILED | DATE | REMARKS | MARINE CHARTS | HYDRO SUPPORT |
| Compilation complete pending field edit | 4/22/75 | Class III manuscript | 2/10/76 | 6/13/75 |
| Field Edit applied Compilation complete | 4/76 | Class I | 4/27/76 | |
| Final Review | Jan 1979 | Final | Apr 1979 | |
| | | | | |

II. LANDMARKS AND AIDS TO NAVIGATION**1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH**

| NUMBER | CHART LETTER NUMBER ASSIGNED | DATE FORWARDED | REMARKS |
|--------|---------------------------------|-------------------|------------------------|
| 1 | | 5/19/76 | Aid to be deleted |
| 1 | | 5/19/76 | Aid to be charted |
| 1 | | 5/19/76 | Landmark to be charted |
| | | | |
| | | | |
| | | | |

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: May 19, 19763. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____**III. FEDERAL RECORDS CENTER DATA**

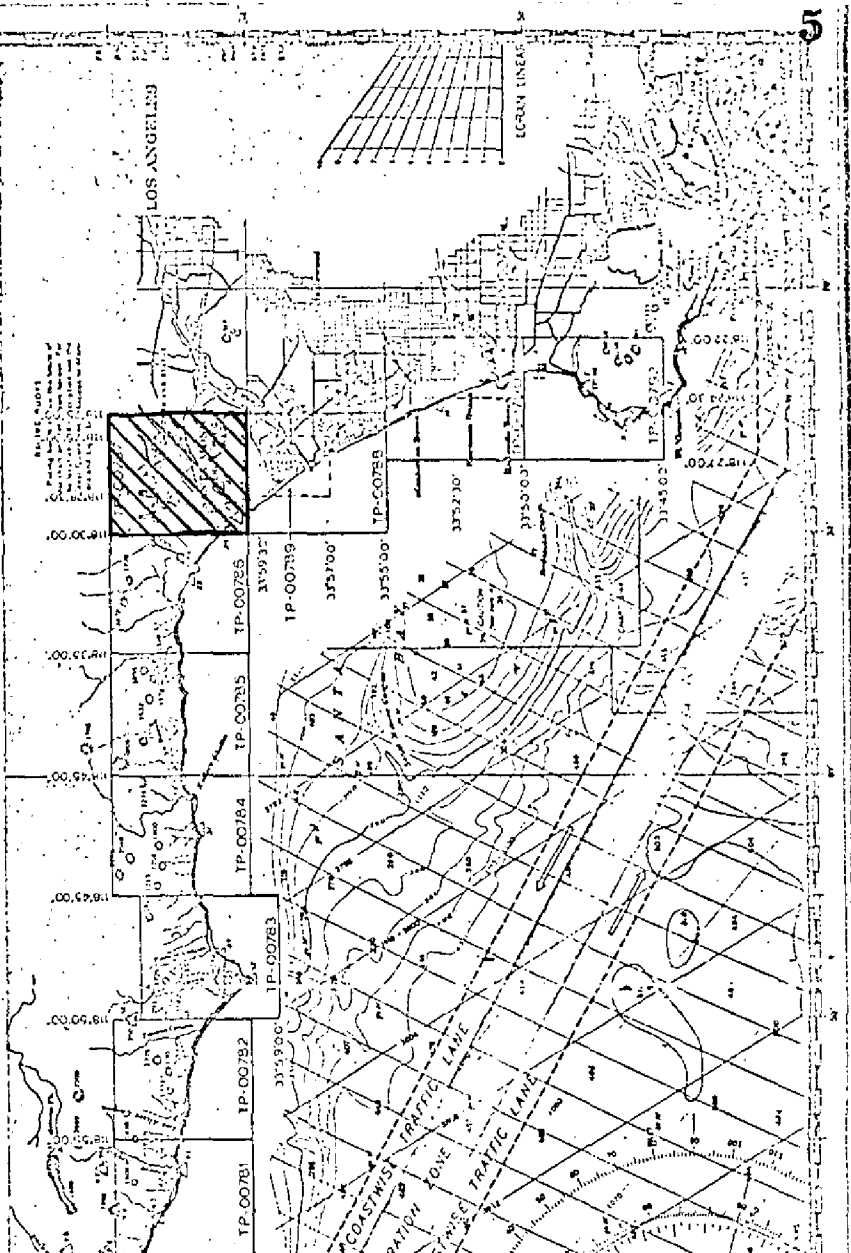
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS ~~56X~~ ⁷⁶⁻⁴⁰ SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____**IV. SURVEY EDITIONS** (This section shall be completed each time a new map edition is registered)

| | | | |
|-------------------|---------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SECOND EDITION | SURVEY NUMBER TP - _____ (2) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY |
| | DATE OF PHOTOGRAPHY | DATE OF FIELD EDIT | MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
| THIRD EDITION | SURVEY NUMBER TP - _____ (3) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY |
| | DATE OF PHOTOGRAPHY | DATE OF FIELD EDIT | MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
| FOURTH EDITION | SURVEY NUMBER TP - _____ (4) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY |
| | DATE OF PHOTOGRAPHY | DATE OF FIELD EDIT | MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |

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CM-7904



SUMMARY TO ACCOMPANY

TP-00777 through TP-00792

Maps included in this summary comprise all of project CM-7404, Point Vicente to Port Hueneme, California. All but three of the sixteen maps in this project are 1:10,000 scale. The others, TP-00778, TP-00789 and TP-00791 are each 1:5,000 scale. All are standard shoreline maps, the purpose of which is to provide up-to-date shoreline and alongshore delineation for contemporary hydrographic surveys and for nautical chart construction.

The project area is immediately northwest of the city of Los Angeles. The shoreline is a mixture of wide, smooth, sandy beach and rough, rocky cliff areas.

Field operations prior to delineation did not include clarification of photographic details. They were limited to the recovery and identification of horizontal control and providing ground support needed to obtain tide coordinated photography.

Three sets of photographs were supplied and used for the delineation of each map. Natural color photographs were used for bridging and instrument compilation. Tide coordinated, black and white infrared photographs were used to graphically compile the mean high water line and mean lower low water line. The 1:5,000 scale maps were compiled with 1:15,000 scale photographs. The 1:10,000 scale maps were compiled with 1:30,000 scale photographs.

Bridging was done at the Washington Science Center in January 1975. Ratios were determined and ordered at that time. All maps were compiled at the Atlantic Marine Center in the Spring of 1975.

Field edit was performed in three parts. Maps TP-00785 through TP-00792 were edited in the fall of 1975. The location of some offshore features was not completed until the spring of 1976. At that time Maps TP-00781 through TP-00784 were edited. Maps TP-00777 through TP-00780 were edited in the fall of 1976. All edit was applied at the AMC.

Final Review was performed at the Atlantic Marine Center in the Winter of 1979. The original base maps and all pertinent data was forwarded to the Washington Science Center for reproduction and final registration.

FIELD INSPECTION

TP-00787

Field inspection was limited to the recovery and identification of horizontal control for aerotriangulation and ground support for the tide coordinated infrared photography.

Photogrammetric Plot Report
Point Vicente to Port Hueneme
Job CM-7404

8a

JANUARY 1975

21. Area Covered

The area covered by this report is the southwest coast of California from Point Vicente to Port Hueneme. This area is covered by thirteen 1:10,000-scale sheets, TP-00777 thru TP-00792, with the exception of sheets TP-00778, 789, and 791, which are at a scale of 1:5,000.

22. Method

Five strips of 1:30,000-scale color photography were bridged by analytic aerotriangulation methods. The five strips of bridging photography were controlled by field-identified control including some control from previous airport surveys which were used as checks.

Common points were located on the bridging photography and the tide-controlled IR for ratio purposes. In addition, common points were located on the bridging and compilation photography. The points read on the bridging strips are more than adequate for compilation purposes. Tie points were used in all five strips to insure an adequate junction of all strips during the strip adjustments.

23. Adequacy of Control

Control checked well within map accuracy standards and is more than sufficient for intended use. The results from the 1:30,000 bridging photography were adequate enough so as to not make it necessary to bridge the 1:15,000 compilation photography. See attached sheet for accuracy of control in strip adjustment.

24. Supplemental Data

USGS quadrangles were used to provide vertical control for the adjustment.

25. Photography

The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by,

Approved and forwarded:

Brian F. Thornton

John D. Perrow, Jr.
Chief, Aerotriangulation Section

Attachment

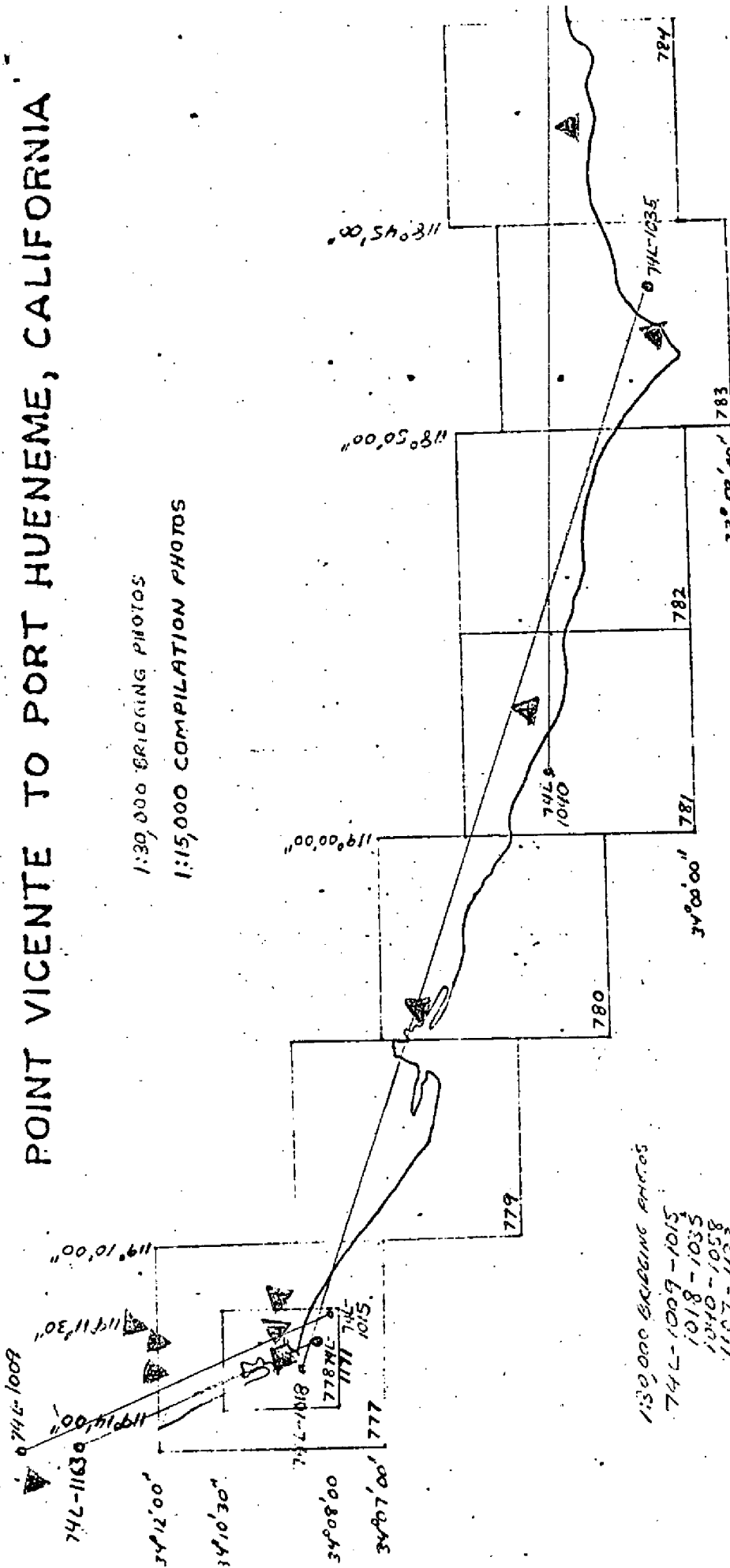
List and Accuracy of Control Used in Strip Adjustment

| | POINT | X-ERROR | Y-ERROR |
|-----------|--------|---------|---------|
| Strip #1: | 9101 | 0 | 0 |
| | 11114 | 0 | 0 |
| | 13101 | 0 | 0 |
| Strip #2: | 13101 | .381 | .253 |
| | 24101 | -1.368 | -.581 |
| | 28100 | 1.455 | .573 |
| | 34100 | -.475 | -.246 |
| Strip #3: | 28100 | .626 | 1.068 |
| | 50100 | -.267 | 1.023 |
| | 58101 | .064 | -.204 |
| Strip #4: | 108101 | -1.954 | -.873 |
| | 111111 | 2.718 | 3.046 |
| | 113101 | -.123 | -2.005 |
| | 117100 | -1.029 | -.525 |
| | 58101 | .382 | .363 |
| Strip #5: | 99100 | .001 | .001 |
| | 110801 | -.004 | -.001 |
| | 111801 | 1.078 | .017 |

POINT VICENTE TO PORT HUENEME, CALIFORNIA

1:30.000 ERICING PHOTOS

1:15,000 COMPILATION PHOTOS



50743 2122123 000 0311

741-1009-1015

1018-1035

8501-0401

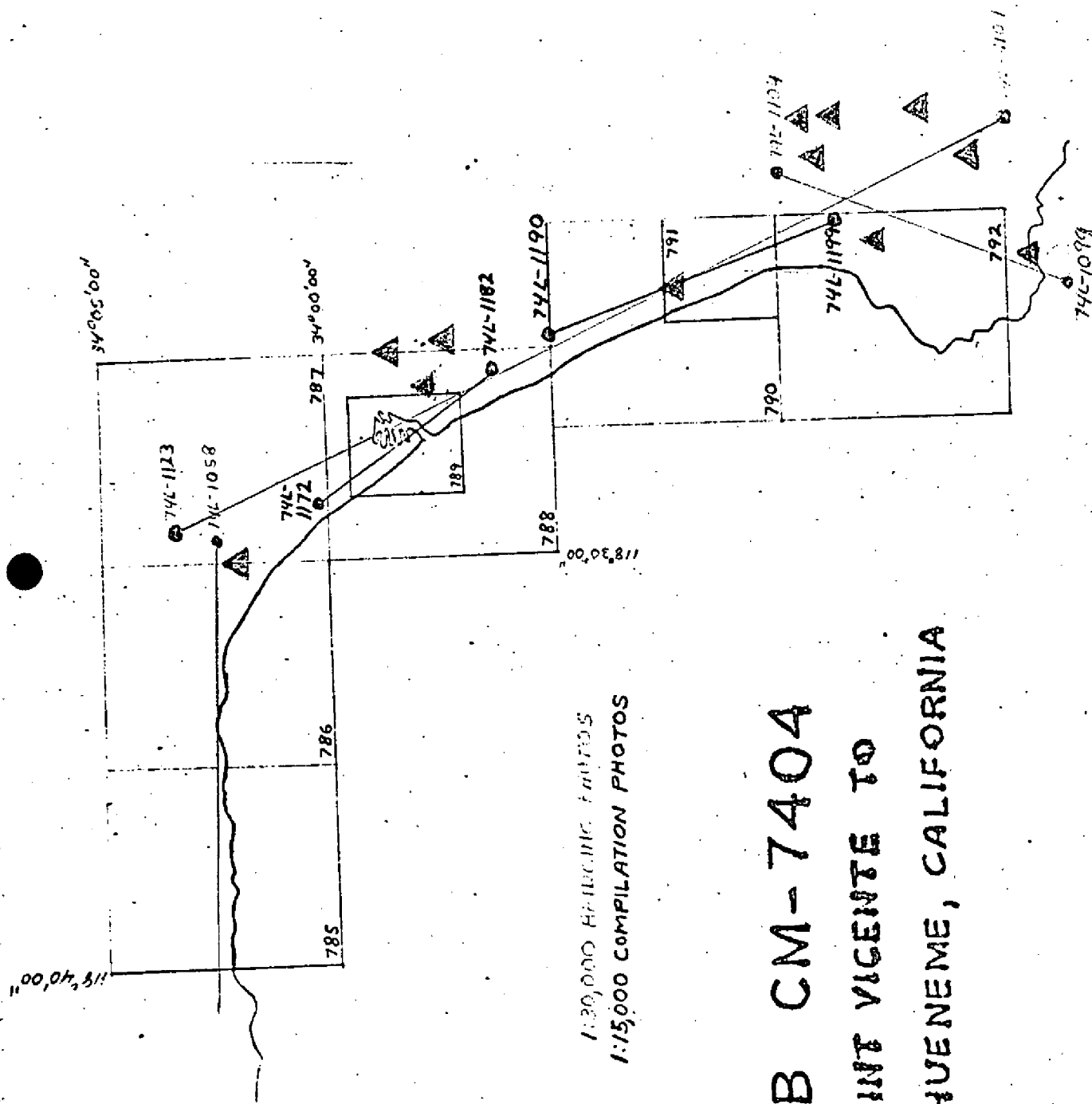
1059-1123

1:15,000 COMP/CONTIN

74-6-1163-1191

1172-1182

b611-0511-

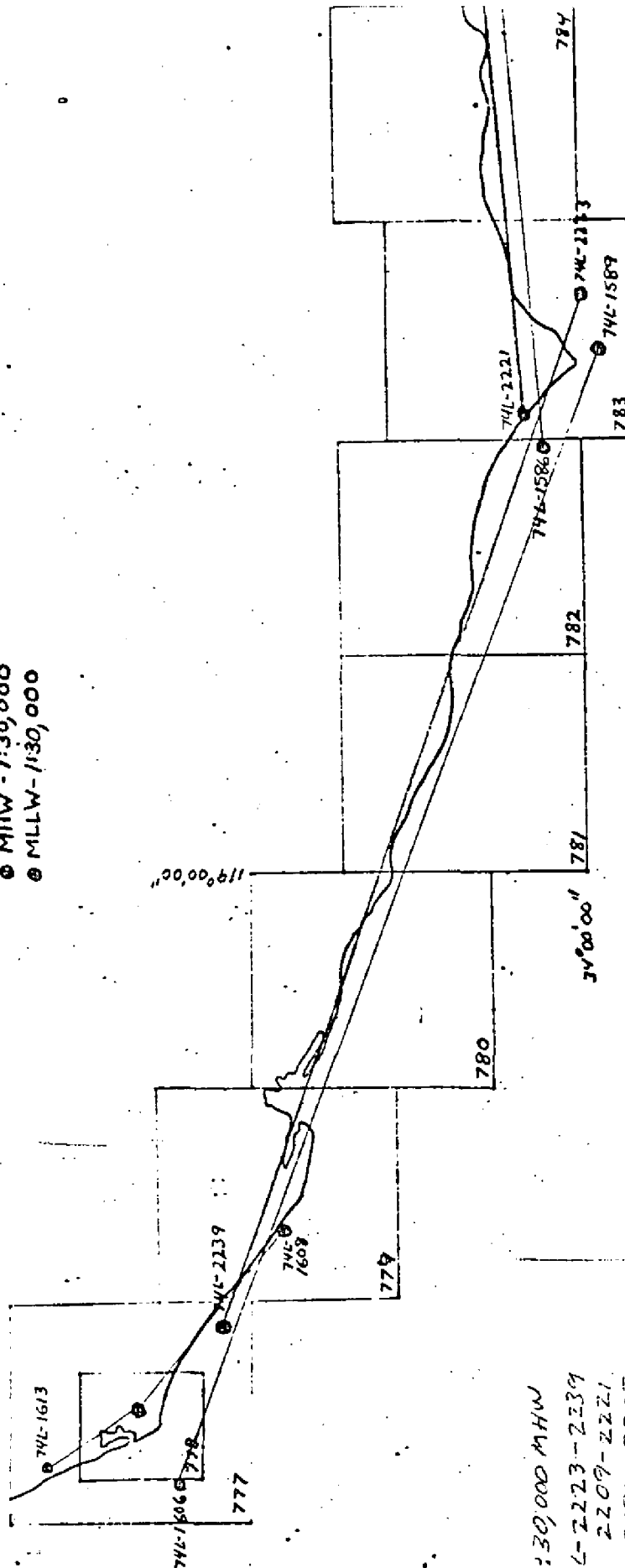


JOB CM-7404 POINT VICENTE TO PORT HUENEME, CALIFORNIA

JOB CM-7404

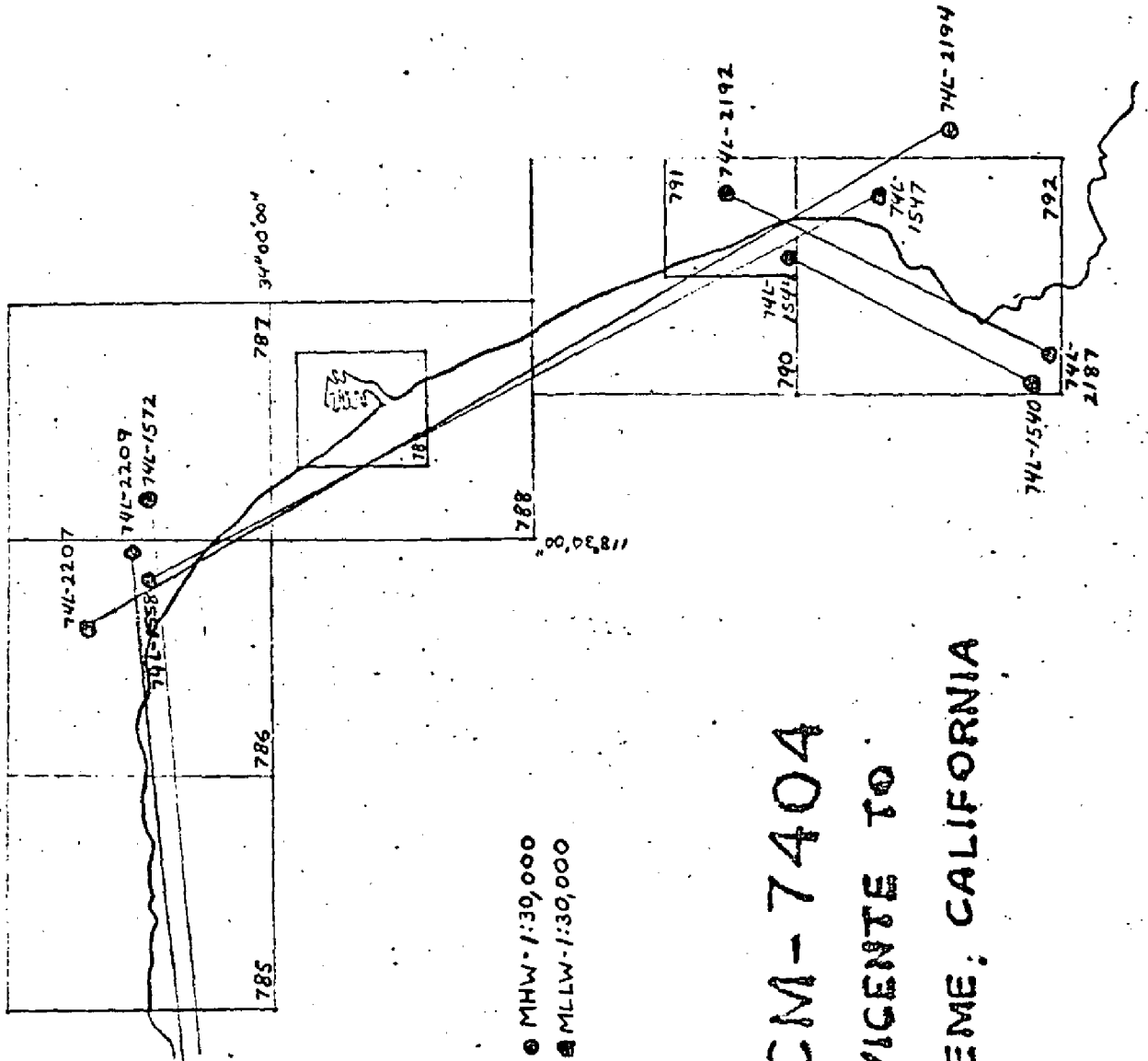
POINT VICENTE TO PORT HUENEME, CALIFORNIA

- MHW - 1:30,000
- MLLW - 1:30,000



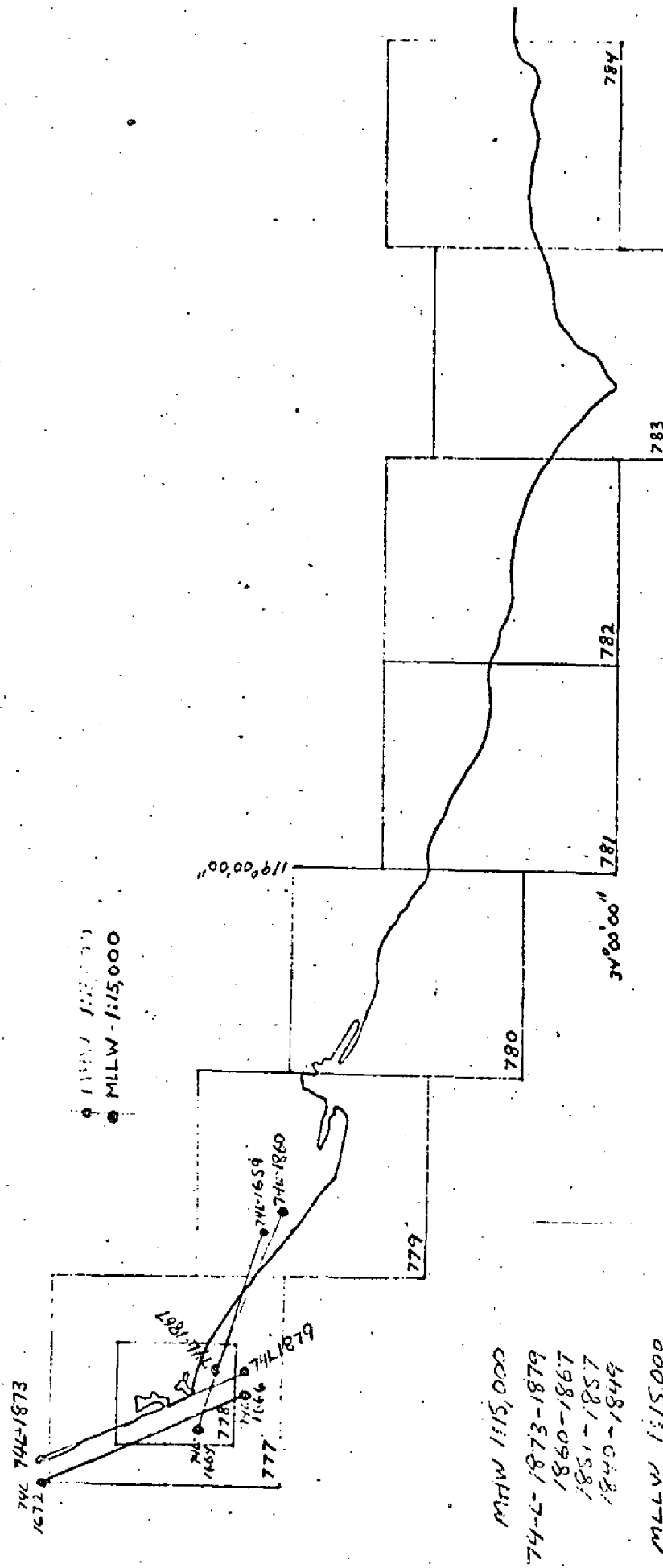
1:30,000 MHW
 74-L-2223-2239
 2209-2221
 2194-2207
 2187-2192

1:30,000
 74-L-1608-1813
 1589-1606
 1572-1586
 1547-1558
 1540-1544



JOB CM-7404
 POINT VICENTE TO
 PORT HUENEME, CALIFORNIA

POINT VICENTE TO PORT HUENEME, CALIFORNIA



COO'S/1 M.H.

74-6-1873-1879

1-981-0981

4-381-158

6481-013

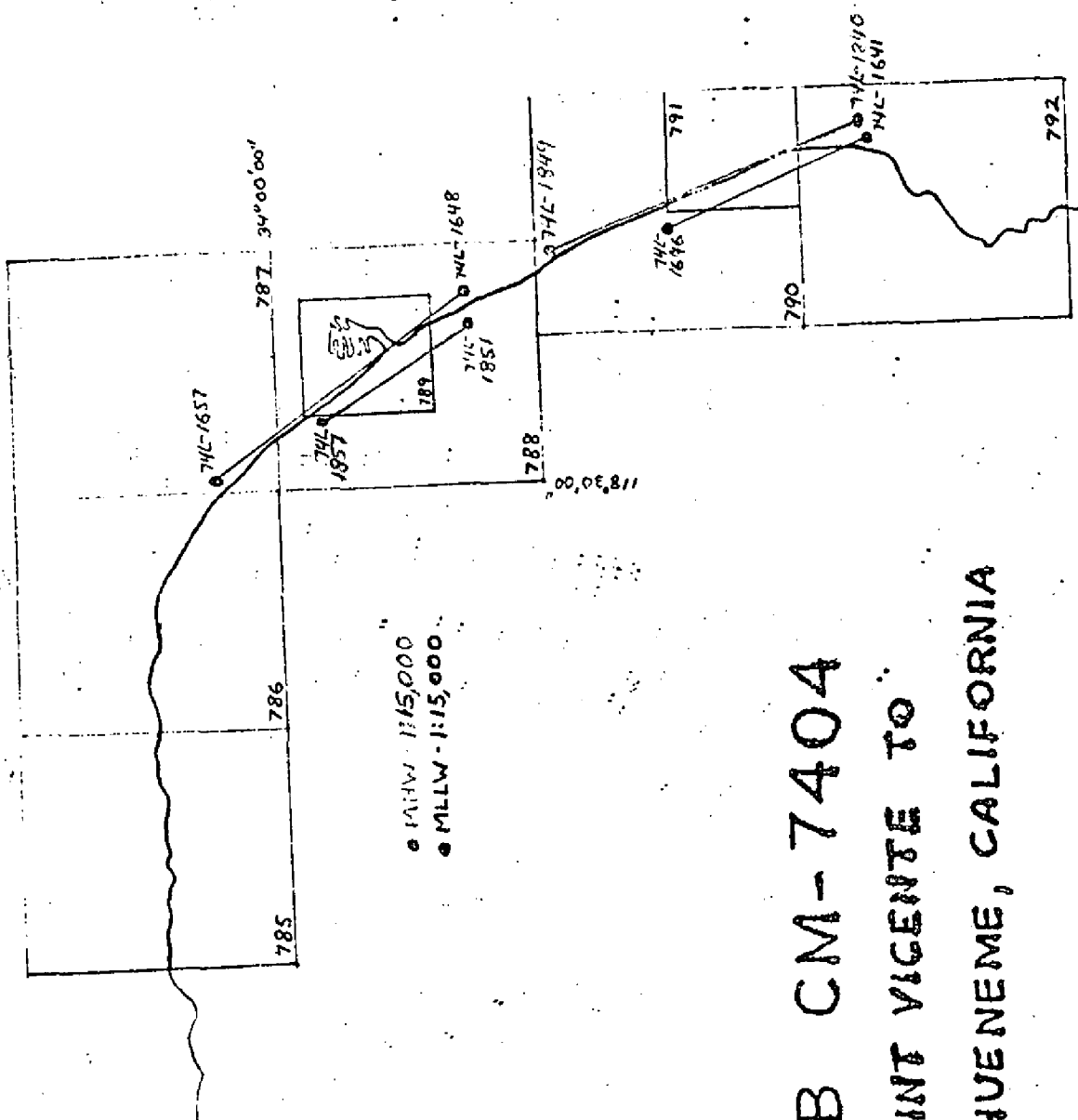
MLW 1:15,000

74-7-1666-1672

859-1668

1048-1657

847-1651



• MHW - 1115.000
• MLLW - 1115.000

JOB CM-7404 POINT VICENTE TO PORT HUENEME, CALIFORNIA

DESCRIPTIVE REPORT CONTROL RECORD

| MAP NO. | STATION NAME | JOB NO. | GEODETIC DATUM | | AEROTRI- ANGULATION POINT NUMBER | COORDINATES IN FEET | | GEOGRAPHIC POSITION | | ORIGINATING ACTIVITY | |
|------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------|---------|-------------------------------------------|---------------------|------|---------------------|-----------|------------------------|--------------------------------------|
| | | | CM-7404 | NA 1927 | | STATE | ZONE | ϕ | λ | Division, Norfolk, Va. | Coastal Mapping |
| TP-00787 | | | | | | | | | | | |
| | BRENTWOOD NO. 2 L.A.C.&C., 1933 | Quad 341182 1028 | | | | | | ϕ 34 02 | 38.738 | | REMARKS FORWARD BACK |
| | | | | | | | | λ 118 28 | 28.949 | | 1193.6 (655.1) 742.5 (796.5) |
| | BRENTWOOD KNOLL WATERTANK, 1927 | Quad 341182 1048 | | | | | | ϕ 34 02 | 38.72 | | 1193.0 (655.7) 745.4 (793.5) |
| | SANTA MONICA BREAKWATER SOUTHEAST END LIGHT Destroyed 1938 | Quad 341182 1070 | | | A.L. Shands | | | ϕ 34 00 | 21.180 | | 652.6 (1196.1) 1529.7 (10.0) |
| | SANTA MONICA, NEW BEACH CLUB, CHIMNEY, 1927 | Quad 341182 1073 | | | | | | ϕ 34 00 | 28.97 | | 892.6 (956.1) 805.0 (734.7) |
| | BAY CITIES BUILDING & LOAN ASSOC. TOWER, 1933 | Quad 341182 1047 | | | | | | ϕ 34 00 | 55.744 | | 1717.5 (131.2) 1141.6 (397.9) |
| | SANTA MONICA LIGHT, 1958 | Quad 341182 1072 | | | | | | ϕ 34 00 | 27.006 | | 832.1 (1016.6) 1447.3 (92.4) |
| | | | | | | | | ϕ | | | |
| | | | | | | | | λ | | | |
| | | | | | | | | ϕ | | | |
| | | | | | | | | λ | | | |
| | | | | | | | | ϕ | | | |
| | | | | | | | | λ | | | |
| | | | | | | | | ϕ | | | |
| | | | | | | | | λ | | | |
| COMPUTED BY | A. C. Rauck, Jr. | | DATE | 2/21/75 | COMPUTATION CHECKED BY | D. P. Butler | DATE | 2/21/75 | | | |
| LISTED BY | | | DATE | | LISTING CHECKED BY | | DATE | | | | |
| HAND PLOTTING BY | | | DATE | | HAND PLOTTING CHECKED BY | | DATE | | | | |

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

COMPILATION REPORT

TP-00787

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:30,000 color photography. Points were established on the tide-coordinated photography to delineate the MHWL and MLLWL. Control was adequate.

32. CONTROL:

See the Photogrammetric Plot Report, dated Jan. 1975.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project. Drainage was delineated by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

Alongshore details were delineated by office interpretation of the photographs.

The mean high water line and mean lower low water line were compiled graphically from the tide coordinated infrared ratioed photographs.

36. OFFSHORE DETAILS:

No unusual problems.

37. LANDMARKS AND AIDS:

Work copies of Forms 76-40 were forwarded to the field editor for verification, location and/or deletion of landmarks and aids in the area.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

See the Form 76-36b, Item #5 concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with USGS Quadrangle Beverly Hills, California, dated 1966, scale 1:24,000

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with National Ocean Survey Chart 18301, 18th edition, dated May 4, 1974, scale 1:40,000

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Albert C. Rauck, Jr. FOR
Charles Parker
Cartographic Aid
April 22, 1975

Approved:

Albert C. Rauck, Jr.
Albert C. Rauck, Jr.
Chief, Coastal Mapping Section

December 20, 1978

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7404 (Point Vicente to Port Hueneme, California)

TP-00787

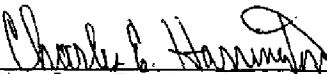
✓ Ocean Park

* Santa Monica

✓ Pacific Ocean

- Santa Monica Bay

Approved by:


Charles E. Harrington, C3x8
Chief Geographer

| NOAA FORM 75-74 (7-75) | | U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------|
| PHOTOGRAMMETRIC OFFICE REVIEW TP - 00787 | | | |
| 1. PROJECTION AND GRIDS FM | 2. TITLE FM | 3. MANUSCRIPT NUMBERS FM | 4. MANUSCRIPT SIZE FM |
| CONTROL STATIONS | | | |
| 5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY FM | 6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA | | 7. PHOTO HYDRO STATIONS NA |
| 8. BENCH MARKS NA | 9. PLOTTING OF SEXTANT FIXES NA | 10. PHOTOGRAMMETRIC PLOT REPORT FM | 11. DETAIL POINTS FM |
| ALONGSHORE AREAS (Nautical Chart Data) | | | |
| 12. SHORELINE FM | 13. LOW-WATER LINE FM | 14. ROCKS, SHOALS, ETC. FM | 15. BRIDGES FM |
| 16. AIDS TO NAVIGATION FM | 17. LANDMARKS FM | 18. OTHER ALONGSHORE PHYSICAL FEATURES FM | 19. OTHER ALONGSHORE CULTURAL FEATURES FM |
| PHYSICAL FEATURES | | | |
| 20. WATER FEATURES FM | 21. NATURAL GROUND COVER NA | | 22. PLANETABLE CONTOURS NA |
| 23. STEREOSCOPIC INSTRUMENT CONTOURS NA | 24. CONTOURS IN GENERAL NA | 25. SPOT ELEVATIONS NA | 26. OTHER PHYSICAL FEATURES FM |
| CULTURAL FEATURES | | | |
| 27. ROADS FM | 28. BUILDINGS FM | 29. RAILROADS FM | 30. OTHER CULTURAL FEATURES FM |
| BOUNDARIES | | | |
| 31. BOUNDARY LINES NA | | 32. PUBLIC LAND LINES NA | |
| MISCELLANEOUS | | | |
| 33. GEOGRAPHIC NAMES FM | 34. JUNCTIONS FM | | 35. LEGIBILITY OF THE MANUSCRIPT FM |
| 36. DISCREPANCY OVERLAY FM | 37. DESCRIPTIVE REPORT FM | 38. FIELD INSPECTION PHOTOGRAPHS NA | 39. FORMS FM |
| 40. REVIEWER F. Mangiotta 4/22/75 | | SUPERVISOR, REVIEW SECTION OR UNIT A. C. Rauck, Jr. | |
| 41. REMARKS (See attached sheet) | | | |
| FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT | | | |
| 42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43. | | | |
| COMPILER Frank Mangiotta 4/12/76 | | SUPERVISOR A. C. Rauck, Jr. | |
| Reviewed by : L. O. Neterer Jr 4/27/76 A. C. Rauck, Jr. | | | |
| 43. REMARKS See form 76-36C, field edit, item 8 for field edit sources | | | |

FIELD EDIT REPORT

MAP TP-00787

SANTA MONICA (EAST), CALIFORNIA

OCTOBER 1975

Field edit of map TP-00787 was done by Lcdr Joseph A. Sowers and Ens Gregory P. Kosinski during October 1975. Field inspection of the area was done at various stages of the tide by land vehicle and skiff.

METHOD

Photographs and a copy of the field edit ozalid were examined in the field. The shore was a regular sandy beach with unfouled foreshore area, requiring no verification of the existance of rocks, reefs, etc. All times were based on Greenwich Mean Time.

ADEQUACY OF COMPILATION

Compilation of the map is good. The hydrography for this area was completed in October 1975. Refer to hydrographic records H-9575 for detached position of Santa Monica Breakwater Southeast End Buoy. Field inspection of this map is complete.

RECOMMENDATIONS

It is recommended that this map be revised in accordance with the notes on the ozalid and the hydrographic record H-9575, and then be accepted as an advanced manuscript.

Respectfully submitted:

Gregory P. Kosinski

Gregory P. Kosinski
ENS, NOAA

Replaces C&GS Form 567.

NONFLOATING AIDS ~~ON THE MARKET~~ FOR CHARTS

**U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION**

| | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED | REPORTING UNIT <i>(Field Party, Ship or Office)</i> Coastal Mapping Div. A.M.C. Norfolk, Va. | STATE California | LOCALITY Point Vicente to Port Hueneme | DATE Apr. 1976 | <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

The following objects HAVE ☒ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.

(See reverse for responsible personnel)

The following objects HAVE ☒ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.

[illegible]

REVIEW REPORT

TP-00787
SHORELINE

January 29, 1979

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Not applicable.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with a copy of Final Verified Smooth Sheet H-9575 (FA-10-12-75). There are no significant differences.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 18744, 1:40:000 scale, 22nd edition, dated May 6, 1978.

The field editor verified the delineation of the mean high water line across the mouth of the large drain at lat. $34^{\circ}00.4'$, long. $118^{\circ}29.5'$. This is probably a temporary condition, however. The depiction of this area is adequate as shown on the chart.

A landmark tower is shown on the map at lat. $34^{\circ}00.9'$, long. $118^{\circ}29.7'$. It is not shown on the chart.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the project instructions and meets the requirements for Bureau Standards and the National Standards of Map Accuracy.

Submitted by:

A. L. Shands

A. L. Shands
Final Reviewer

Approved for forwarding:

Albert C. Rauck, Jr.

Chief, Photogrammetric Branch, AMC

Approved: ^{new}

John D. Perraw Jr.

Chief, Photogrammetric Branch

James C. Allen
Chief, Coastal Mapping Division

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PROJECT CM-7404 MATERIALS ON FILE

FEDERAL RECORDS CENTER

Control Station Identification Cards
Field Edit Photographs
Bridging Photographs
Job Completion Report

BUREAU ARCHIVES

Registered Copy of Each Map
Descriptive Report of Each Map

GEODESY

Geodetic Records

MARINE CHART DIVISION

Chart Maintenance Print for Each Map
Forms 76-40

OFFICE OF GEOGRAPHER

Geographic Names Standards

REPRODUCTION DIVISION

Film Copy of Each Map

