TP-00792 ORIGINAL

TP-00792

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-00792

Classification No. FINAL *Edition No.* 1

Field Edited Map

LOCALITY

State California

General Locality Point Vicente to Port Hueneme

Locality Palos Verdes Point

19 74 TO 19 75

REGISTRY IN ARCHIVES

DATE

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

18744 ✓
18740 ✓

NOAA FORM 76-36A (3-72) — U. S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY: [X] ORIGINAL [ ] RESURVEY [ ] REVISED

SURVEY TP- 00792

MAP EDITION NO. (1)

MAP CLASS Final

JOB PH- CM-7404

PHOTOGRAMMETRIC OFFICE
Coastal Mapping Division
Norfolk, Va.

OFFICER-IN-CHARGE
Jeffrey G. Carlen, Cdr.

LAST PRECEEDING MAP EDITION
TYPE OF SURVEY: [ ] ORIGINAL [ ] RESURVEY [ ] REVISED
JOB PH- _____
MAP CLASS _____
SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE		2. FIELD	
Aerotriangulation	11/04/74	Premarking	1/30/74
Compilation	1/08/75	Premarking Amendment I	3/14/74

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER [ ] MEAN LOW-WATER [X] MEAN LOWER LOW-WATER [ ] MEAN SEA LEVEL — OTHER (Specify)

3. MAP PROJECTION: Polyconic

4. GRID(S)

STATE	ZONE
California	5 and 7

5. SCALE: 1:10,000

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic	BY	B. Thornton	Jan 1975
	LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat	PLOTTED BY	R. Robertson	Feb 1975
	CHECKED BY	R. Robertson	Feb 1975
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:15,000	PLANIMETRY BY	L. Neterer, Jr.	Feb 1975
	CHECKED BY	J.Byrd, G. Vanderhaven	Feb 1975
	CONTOURS BY	NA	
	CHECKED BY	NA	
4. MANUSCRIPT DELINEATION METHOD: Smooth drafted SCALE: 1:10,000	PLANIMETRY BY	D. Butler	Mar 1975
	CHECKED BY	F. Margiotta	Mar 1975
	CONTOURS BY	NA	
	CHECKED BY	NA	
	HYDRO SUPPORT DATA BY	D. Butler	Mar 1975
	CHECKED BY	F. Margiotta	Mar 1975
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	F. Margiotta	Mar 1975
6. APPLICATION OF FIELD EDIT DATA	BY	C. Parker	Apr 1976
	CHECKED BY	F. Margiotta	Apr 1976
7. COMPILATION SECTION REVIEW	BY	F. Margiotta	Apr 1976
8. FINAL REVIEW	BY	A. L. Shands	Dec 1978
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 76-36A — SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

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

TP-00792

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC-8 "L"

TIDE STAGE REFERENCE
- [X] PREDICTED TIDES
- [ ] REFERENCE STATION RECORDS
- [X] TIDE CONTROLLED PHOTOGRAPHY

TYPES OF PHOTOGRAPHY LEGEND
- (C) COLOR
- (P) PANCHROMATIC
- (I) INFRARED

TIME REFERENCE
ZONE: Pacific [X] STANDARD [ ] DAYLIGHT
MERIDIAN: 120th

	NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
*	74L(C) 1099-1103	03/04/74	13:06	1:30,000	0.8 ft. below MLLW
**	74L(I) 2187-2191	04/05/74	08:32	1:30,000	±0.2 ft. of MHW
**	74L(I) 1540-1544	03/21/74	13:35	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. Deep shadows at the base of the high bluffs left the accuracy of portions of the MHWL in doubt. This was subsequently approved as is by the field editor.

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	EAST	SOUTH	WEST
TP-00790 1:10,000 TP-00791 1:5,000	No survey	TP-00397 PH-7107	No survey

REMARKS

NOAA FORM 76-36C
(3-72)

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

TP-00792

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	None	
	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	None	
	IDENTIFIED BY	None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION BY		
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 ☒ NONE

6. 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)*

None

☆U.S. Government Printing Office: 1975 — 665-661/1110, Region No. 6

NOAA FORM 76-36C
(3-72)

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

TP-00792

HISTORY OF FIELD OPERATIONS

I. ☐ 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 ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION — BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	J. A. Sowers	Oct 1975
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)*

74L(I) 1542

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE

6. 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-00792(Field Edit copy); and Field Edit Report, OPR-411-FA-75, Form 76-40

☆U.S. Government Printing Office: 1975 -- 665-661/1110, Region No. 6

NOAA FORM 76-36D
(3-72)

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

TP-00792

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	Mar 1975	Class III manuscript	2/10/76	3/24/75
Compilation complete Field Edit Applied	Apr 13 '76	Class I manuscript	4/27/76	None
Final Review	Dec 1978	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	1 Landmark for charts

2. [X] REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: May 19, 1976
3. [ ] REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. [XX] BRIDGING PHOTOGRAPHS; [X] DUPLICATE BRIDGING REPORT; [ ] COMPUTER READOUTS.
2. [ ] CONTROL STATION IDENTIFICATION CARDS; [X] FORM NOS. XXX SUBMITTED BY FIELD PARTIES. 76-40
3. [XX] 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)*

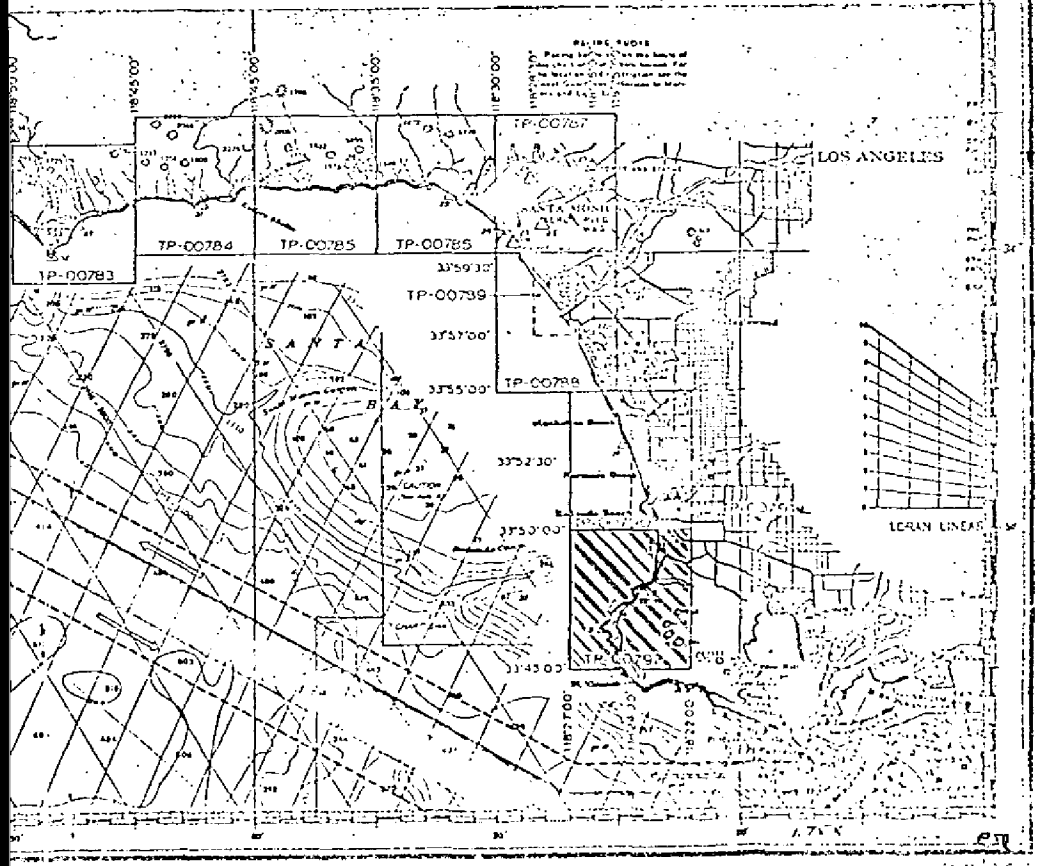
	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
SECOND EDITION	TP - _____ (2)	PH - _____	[ ] REVISED [ ] RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS [ ] II. [ ] III. [ ] IV. [ ] V. [ ] FINAL
THIRD EDITION	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
	TP - _____ (3)	PH- _____	[ ] REVISED [ ] RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS [ ] II. [ ] III. [ ] IV. [ ] V. [ ] FINAL
FOURTH EDITION	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
	TP - _____ (4)	PH - _____	[ ] REVISED [ ] RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS [ ] II. [ ] III. [ ] IV. [ ] V. [ ] FINAL

NOAA FORM 76-36D

☆U. S. GOVERNMENT PRINTING OFFICE: 1973--778075/1077 REGION NO. 6

OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No.	Area Sq. Miles	Sheet No.	Area Sq. Miles
TP-00777	3	TP-00785	3
TP-00778	2	TP-00786	3
TP-00779	3	TP-00787	1
TP-00780	3	TP-00788	3
TP-00781	3	TP-00789	2
TP-00782	3	TP-00790	3
TP-00783	3	TP-00791	2
TP-00784	3	TP-00792	3
		Total	43



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 clearification 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

FIELD INSPECTION

TP-00792

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

[redacted]

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

8

List and Accuracy of Control Used in Strip Adjustment

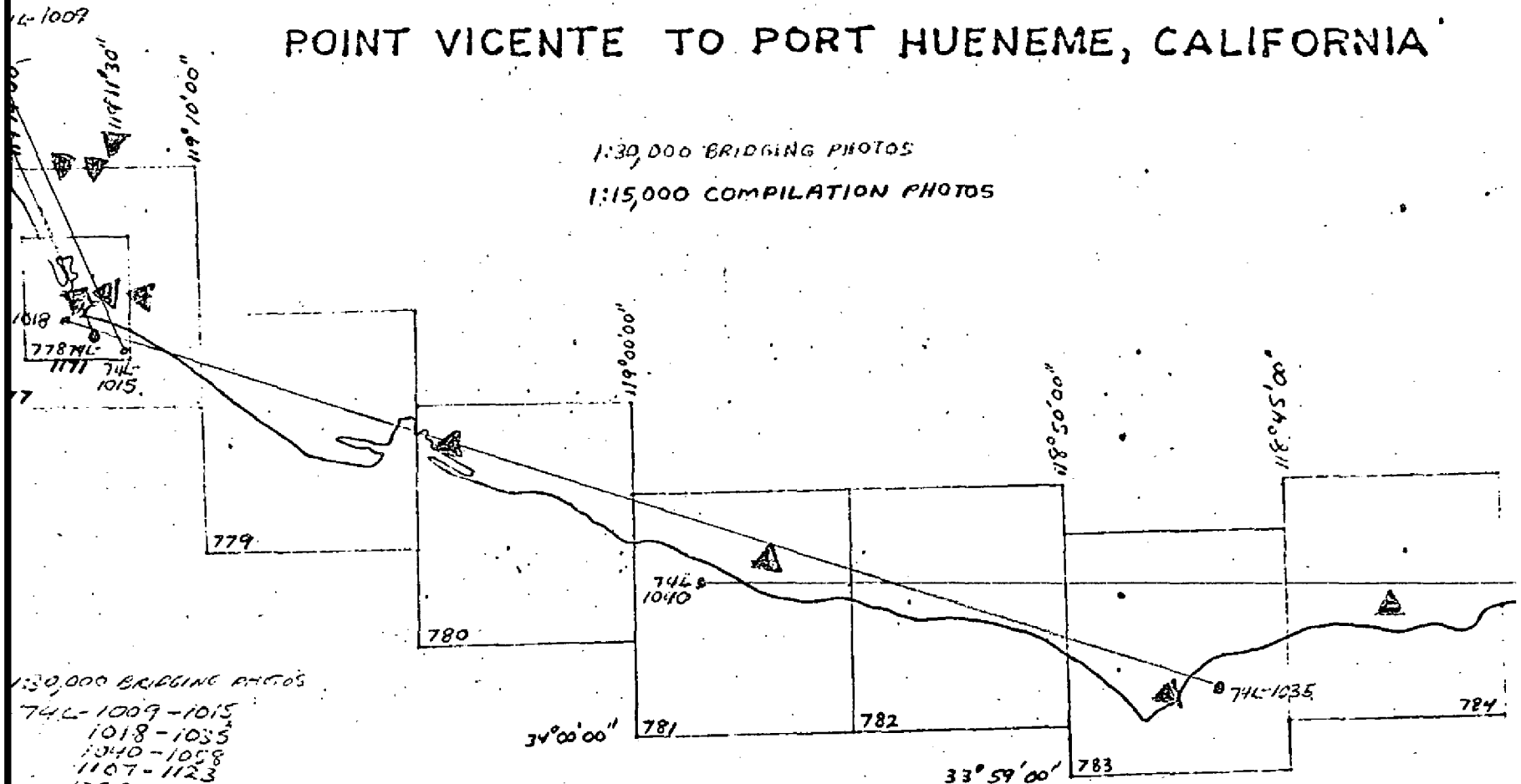
[redacted]

JOB CM-7404

POINT VICENTE TO PORT HUENEME, CALIFORNIA

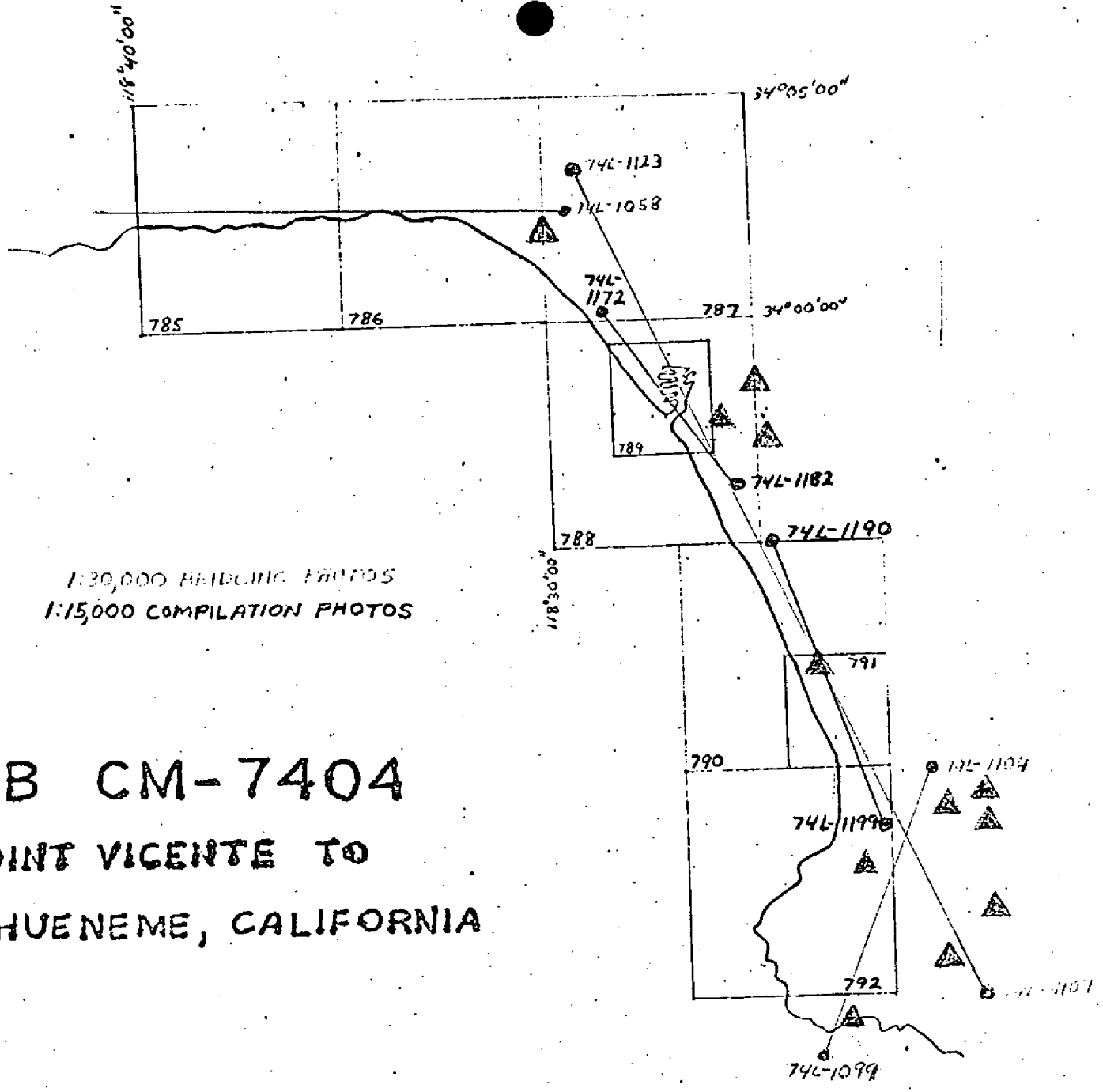
1:30,000 BRIDGING PHOTOS

1:15,000 COMPILATION PHOTOS



1:30,000 BRIDGING PHOTOS
74L-1009-1015
1018-1035
1040-1058
1107-1123
1099-1104

1:15,000 COMPILATION
74-L-1163-1191
1172-1182
1190-1199



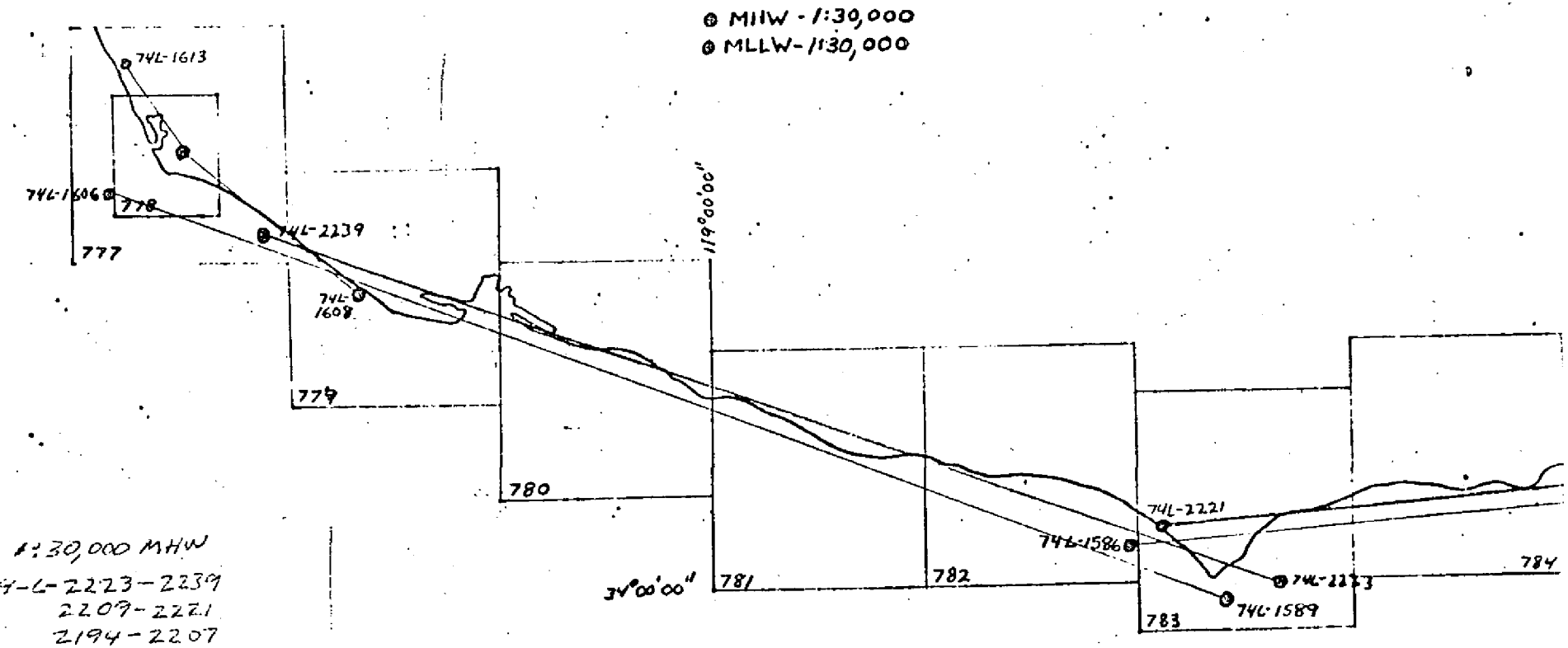
1:30,000 MAPPING PHOTOS
1:15,000 COMPILATION PHOTOS

JOB CM-7404

POINT VICENTE TO PORT HUENEME, CALIFORNIA

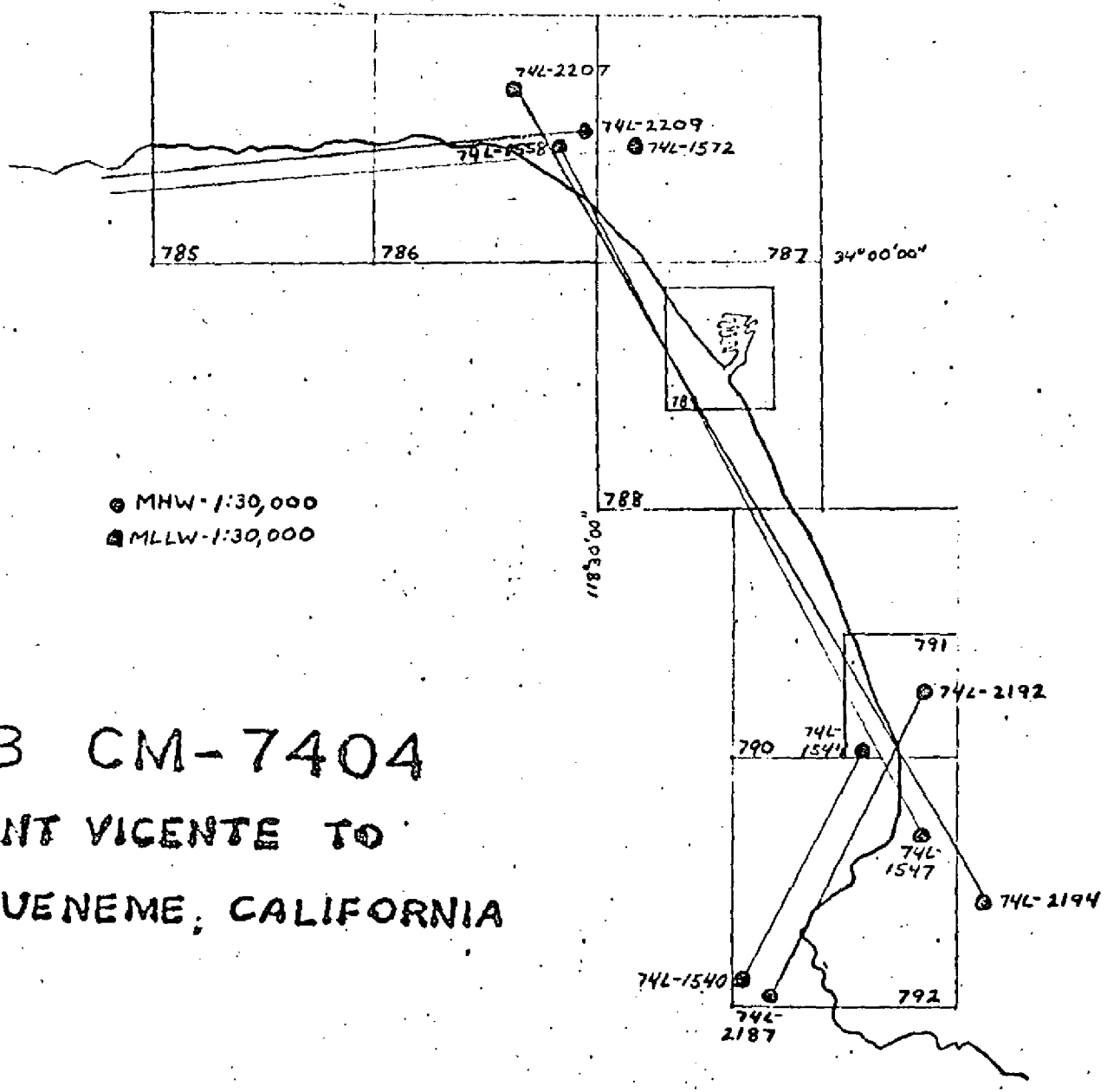
JOB CM-7404

POINT VICENTE TO PORT HUENEME, CALIFORNIA



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

1:30,000
74-L-1608-1613
1589-1606
1572-1586
1547-1558
1540-1544

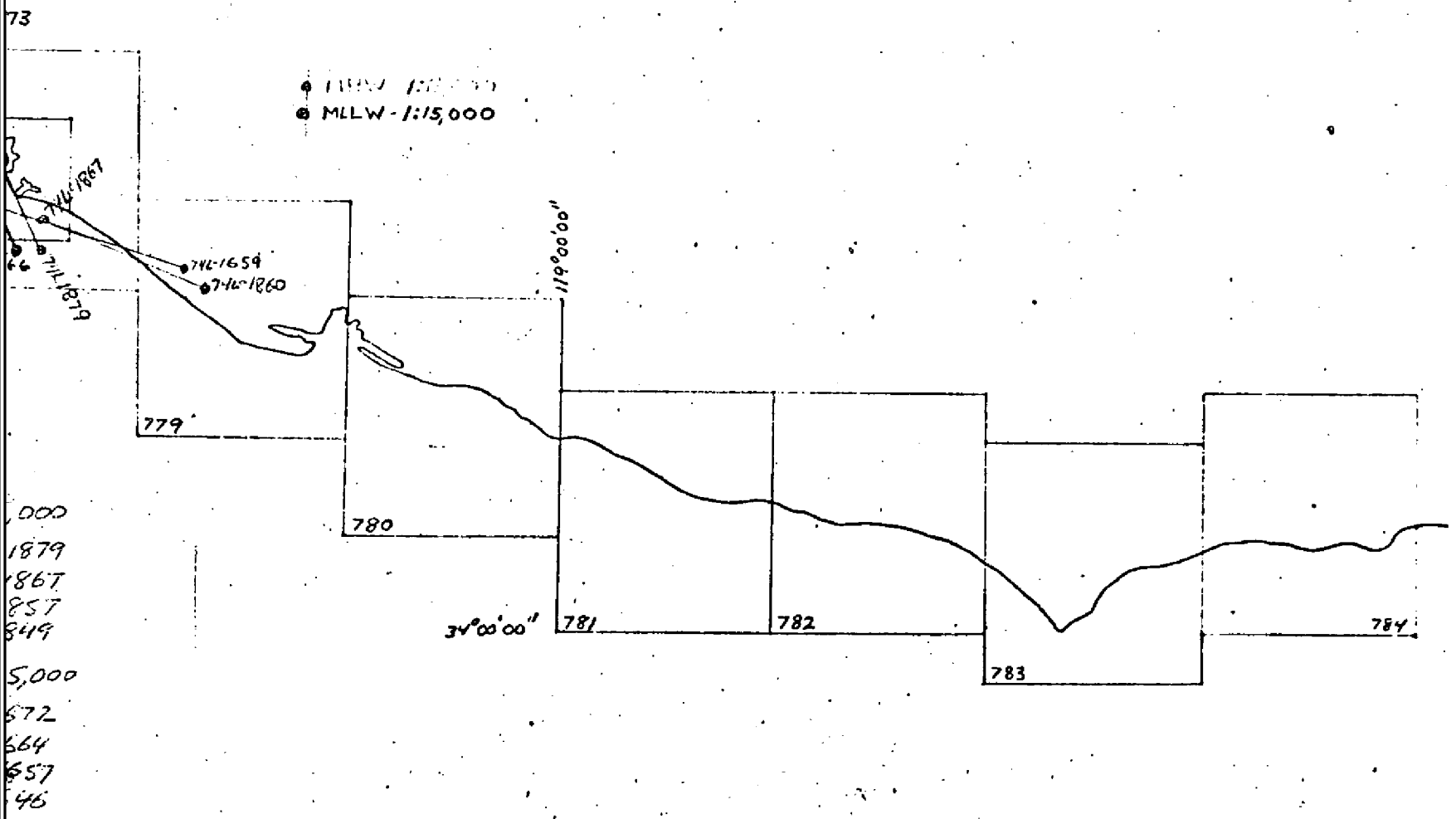


JOB CM-7404

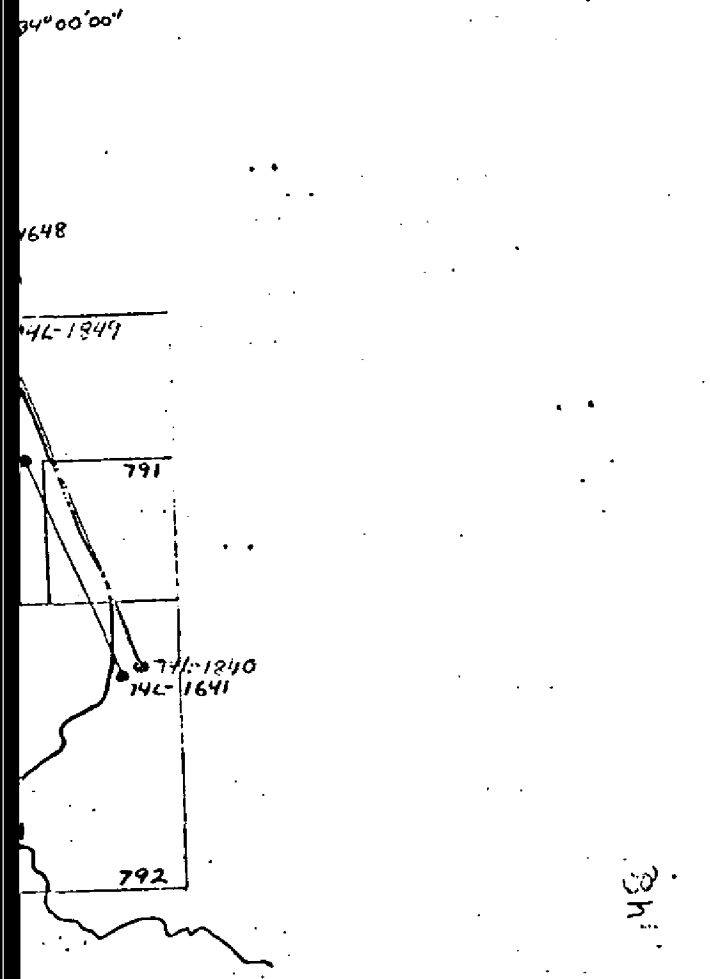
POINT VICENTE TO PORT HUENEME, CALIFORNIA

JOB CM-7404

POINT VICENTE TO PORT HUENEME, CALIFORNIA



[redacted]



NOAA FORM 76-41
(6-75)

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
TP-00792	CM-7404	NA 1927	Coastal Mapping Division, Norfolk, Va.

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET (STATE / ZONE)	GEOGRAPHIC POSITION (φ LATITUDE / λ LONGITUDE)	REMARKS FORWARD	REMARKS BACK
ROCKY, 1927	Quad 331181 4016		x=	φ 33 46 26.102	804.2	(1044.4)
			y=	λ 118 25 36.900	949.5	(594.4)
PASEO, 1927	Quad 331181 4009		x=	φ 33 47 08.799	271.1	(1577.5)
			y=	λ 118 25 02.100	54.0	(1489.7)
LA VENTA INN, SPIRE, 1927	Quad 331181 4034		x=	φ 33 47 42.700	1315.6	(533.0)
			y=	λ 118 23 57.110	1469.1	(74.4)
REDONDO, 1927	Quad 331181 4014		x=	φ 33 49 39.405	1214.1	(634.5)
			y=	λ 118 23 21.230	545.9	(996.8)
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		

COMPUTED BY	A. C. Rauck, Jr.	DATE	2/20/75	COMPUTATION CHECKED BY	F. Margiotta	DATE	2/20/75
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-00792

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter. Common pass points were selected on both the mean high and mean lower low water photographs. Because shadows obscured the shoreline on the mean high water photographs, the mean high water line was compiled from the mean lower low water photographs.

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 the Wild B-8 stereoplotter and by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

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

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

Forms 76-40 were forwarded to the field editor for further processing.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

See ~~the attached~~ A.L.S. 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 ~~the following~~ A.L.S. USGS Quadrangle Redondo Beach, California-Los Angeles Co., scale 1:24,000, dated 1963.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with National Ocean Survey Charts 18740, scale 1:234,270, 19th edition, dated Sept. 28, 1974 and 18301, scale 1:40,000, 18th edition, dated May 4, 1974.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

David P. Butler

David P. Butler
Cartographic Aid

March 13, 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-00792

- Agua Amarga Canyon
- Bit Rock
- Bluff Cove
- Clifton
- Flat Rock
- Flat Rock Point
- Lunada Bay
- Malaga Cove
- Pacific Ocean
- Palos Verdes Estates
- Palos Verdes Point
- Redondo Beach (Ppl)
- Resort Point
- Santa Monica Bay
- Torrance
- Torrance County Beach

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 - 00792

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
FM	FM	FM	FM
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY *(Topographic stations)*		7. PHOTO HYDRO STATIONS
FM	NA		NA
8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
NA	NA	FM	FM
ALONGSHORE AREAS *(Nautical Chart Data)*			
12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
FM	FM	FM	FM
16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
FM	FM	FM	FM
PHYSICAL FEATURES			
20. WATER FEATURES	21. NATURAL GROUND COVER		22. PLANETABLE CONTOURS
FM	NA		NA
23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
NA	NA	NA	FM
CULTURAL FEATURES			
27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
FM	FM	FM	FM
BOUNDARIES			
31. BOUNDARY LINES		32. PUBLIC LAND LINES	
NA		NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES	34. JUNCTIONS		35. LEGIBILITY OF THE MANUSCRIPT
FM	FM		FM
36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
FM	FM	NA	FM
40. REVIEWER		SUPERVISOR, REVIEW SECTION OR UNIT	

[redacted]

FIELD EDIT REPORT

MAP TP-00792

PALOS VERDES POINT

OCTOBER 1975

Field edit of map TP-00792 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. Photogrammetric techniques were used for location of features in question. The shore was partly regular sandy beach with unfouled foreshore area, requiring no verification of the existance of rocks. The rest of the shore was irregular rocky coastline with some offshore rock and kelp fouling. All rocks noted on the Master Field Edit Mylar were verified or disproved with height and time information annotated on the mylar. No additional rocks were found. All times were based on Greenwich Mean Time.

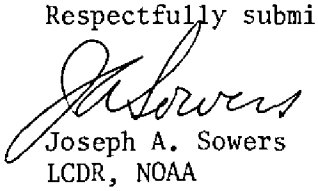
ADEQUACY OF COMPILATION

Compilation of this map was very good. The hydrography for this area was run concurrently with the field edit. Field inspection of this map is complete.

RECOMMENDATIONS

It is recommended that this map be revised in accordance with the notes and fix information on the ozalid and photographs, and then be accepted as an advanced manuscript.

Respectfully submitted:



Joseph A. Sowers
LCDR, NOAA

Original to charts 19 May 1976

NOAA FORM 76-40 (8-74)
Replaces C&GS Form 567.

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

[redacted] LANDMARKS FOR CHARTS

ORIGINATING ACTIVITY
- ☐ HYDROGRAPHIC PARTY
- ☐ GEODETIC PARTY
- ☐ PHOTO FIELD PARTY
- ☒ COMPILATION ACTIVITY
- ☐ FINAL REVIEWER
- ☐ QUALITY CONTROL & REVIEW GRP.
- ☐ COAST PILOT BRANCH

(See reverse for responsible personnel)

☒ TO BE CHARTED ☐ TO BE REVISED ☐ TO BE DELETED	REPORTING UNIT (Field Party, Ship or Office)	STATE	LOCALITY	DATE
	Coastal Mapping Div. A.M.C. Norfolk, Va.	California	Point Vicente to Port Hueneme	Apr. 1976

The following objects HAVE [Y] HAVE NOT [ ] been inspected from seaward to determine their value as landmarks.

OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER	DATUM
411	CM-7404	TP-00792	N.A.1927

CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	POSITION LATITUDE ° ′	LATITUDE ″ D.M. Meters	POSITION LONGITUDE ° ′	LONGITUDE ″ D.P. Meters	METHOD AND DATE OF LOCATION (See instructions on reverse side) OFFICE	FIELD	CHARTS AFFECTED
SPIRE	(La Venta Inn., Spire, 1927)	33 47	42.700 1315.6	118 23	57.110 1469.1	74L(C) 1101 March 1974	F-V-Vis. Oct. 1975	5101 5144

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REVIEW REPORT

TP-00792
SHORELINE

December 18, 1978

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report.

A pile indicated by the field editor to exist at lat. 33°48.2', long. 118°23.9' was not plotted during field edit application. It was added to the map during final review.

Bait Rock, located in Bluff Cove, is indicated on the field edit ozalid to be north of Flat Rock. The field editor identifies it on photograph 74 L(C) 1542 on the south side of Flat Rock. The photo position is shown on the map. It was verified by the staff geographer.

There is no field verification of the wreck shown at Palos Verdes Point. This feature is retained on the map because of its prominence on the photographs.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with a copy of T-4826, 1:10,000 scale, dated April, 1933. Several rocks shown on T-4826 in Bluff Cove and off the point at lat. 33°45.1, long. 118°24.9 are not visible on the photography and were not mapped. Kelp limits on T-4826 are several hundred meters seaward of kelp patches shown on TP-00792. Delineation of kelp on TP-00792 was recommended by the field editor.

A wreck and several rocks positioned on T-4826 at lat. 33°46.7',

long 118°25.5' and several bare rocks near the southern limit of the map are not shown on TP-00792.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with USGS Quadrangle, Redondo Beach, California, 1:24,000 scale, dated 1963. The construction of the groin since the date of the quadrangle at lat. 33°49.8', long. 118°23.5' has altered the shape of the shoreline in that area.

Several bare rocks shown on the quadrangle south of Resort Point are not shown on the map.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with a copy of Final Verified Smooth Sheet H-9558 (FA 10-9-75). Many of the rocks shown on the smooth sheet as well as the wreck at lat. 33°46.7', long. 118°25.5' do not appear on the map. They cannot be positively identified on the photographs. No field positions were submitted for them.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 18744, 1:40,000 scale, dated May 6, 1978, from Resort Point Northward and with Chart 18740, 1:234,270 scale dated September 28, 1974, from Resort Point southward. Chart 18744 shows a wreck at lat. 33°46.7', long. 118°25.5' and an unlabeled dash line at lat. 33°48.7' long. 118°23.9'. Neither is shown on the map. They are not visible on the photographs and were not identified by the field editor.

Wrecks charted at lat. 33°47.3', long. 118°25.0' and lat. 33°48.7, long. 118°25.3' are in deep water offshore and are not expected to be visible on the photographs.

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 Maps Accuracy.

Submitted by:

A. L. Shands

A. L. Shands
Final Reviewer

Approved for forwarding:

Albert C. Ranch Jr.

Chief, Photogrammetric Branch, AMC

Approved:

John D. Perrow Jr.

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

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

(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. ____________

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
18744	1-8-80	S. M. Hill	~~Full Part Before~~ After Verification Review Inspection Signed Via
			Drawing No. 29 No Corr DRC
18740	1-8-80	S. M. Hill	Full Part Before After Verification Review Inspection Signed Via
			Drawing No. 45 No Corr DRC
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
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			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.