

TP-00791

ORIGINAL

TP 00791

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-00791..
Classification No. Final Edition No.1.....

Field Edited Map

LOCALITY

State ... California
General Locality ... Point Vicente to
Port. Hueneme
Locality ... Redondo Beach

19 74 TO 1976

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 ☒ ORIGINAL ☐ RESURVEY ☐ REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va. OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		SURVEY TP. <u>00791</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB PH. <u>CM-7404</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va. OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		LAST PRECEDING 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 Compilation 1/08/75		Premarking 1/30/74 Premarking 3/14/74 Amendment I	
II. DATUMS			
1. HORIZONTAL: ☒ 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: ☒ MEAN HIGH-WATER ☐ MEAN LOW-WATER ☒ MEAN LOWER LOW-WATER ☐ MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE California ZONE 5 and 7	
5. SCALE 1:5,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	
DATE			
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		B. Thorton 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. O. Neterer Jr. Mar 1975 J. Byrd Mar 1975	
INSTRUMENT: Wild B-8 SCALE: 1:7,500		CONTOURS BY NA CHECKED BY NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY		D. Butler Mar 1975 F. Margiotta Apr 1975	
METHOD: Smooth drafted SCALE: 1:5,000		CONTOURS BY NA CHECKED BY NA	
HYDRO SUPPORT DATA BY		D. Butler Mar 1975 F. Margiotta Apr 1975	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		F. Margiotta Apr 1975	
6. APPLICATION OF FIELD EDIT DATA BY		L. O. Neterer Jr. Apr 1976	
CHECKED BY		A. L. Shands Apr 1976	
7. COMPILATION SECTION REVIEW BY		A. L. Shands 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 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00791
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	
☒ PREDICTED TIDES				Pacific	
☐ REFERENCE STATION RECORDS				MERIDIAN	
☒ TIDE CONTROLLED PHOTOGRAPHY				120th	
				☒ STANDARD ☐ DAYLIGHT	

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
* 74L(C) 1112-1114	03/04/74	13:22	1:30,000	0.7 ft. below MLLW
* 74L(C) 1194-1198	03/05/74	10:22	1:15,000	2.0 ft. above MLLW
** 74L 1842(I)-1845(I)	04/03/74	07:20	1:15,000	+0.2 ft. of MHW
** 74L 1643(I)-1646(I)	03/31/74	09:20	1:15,000	+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.

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	No survey	TP-00792	TP-00790

REMARKS

This 1:5,000 scale T-sheet lies within the southeast corner of TP-00790.

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00791
HISTORY OF FIELD OPERATIONSI. ☒ 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 R. Melby	Feb 1974
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY R. Melby	Feb 1974
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	☐ COMPLETE BY	
	☐ SPECIFIC NAMES ONLY	
	☒ 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)1114	REDONDO WATER TANK, 1927		

3. PHOTO NUMBERS (Clarification of details)

NONE

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
74I(C)1114	REDONDO WATER TANK, 1927		

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)

None

TP-00791
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 ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	FAIRWEATHER personnel None None	Oct 1975
3. VERTICAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None	
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	FAIRWEATHER personnel None	Oct 1975
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		2. VERTICAL CONTROL IDENTIFIED	
None		None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

74L(I) 1548-49, 1643-46

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-00791(Field Edit copy); and Field Edit Report, OPR-411-FA-75,
Map TP-00791
Two-76-40 forms

TP-00791
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	4/15/75
Field Edit complete Compilation complete	Apr 1976	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 to be deleted.
1		5/19/76	3 Landmarks to be charted.
1		5/19/76	9 Aids 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 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:

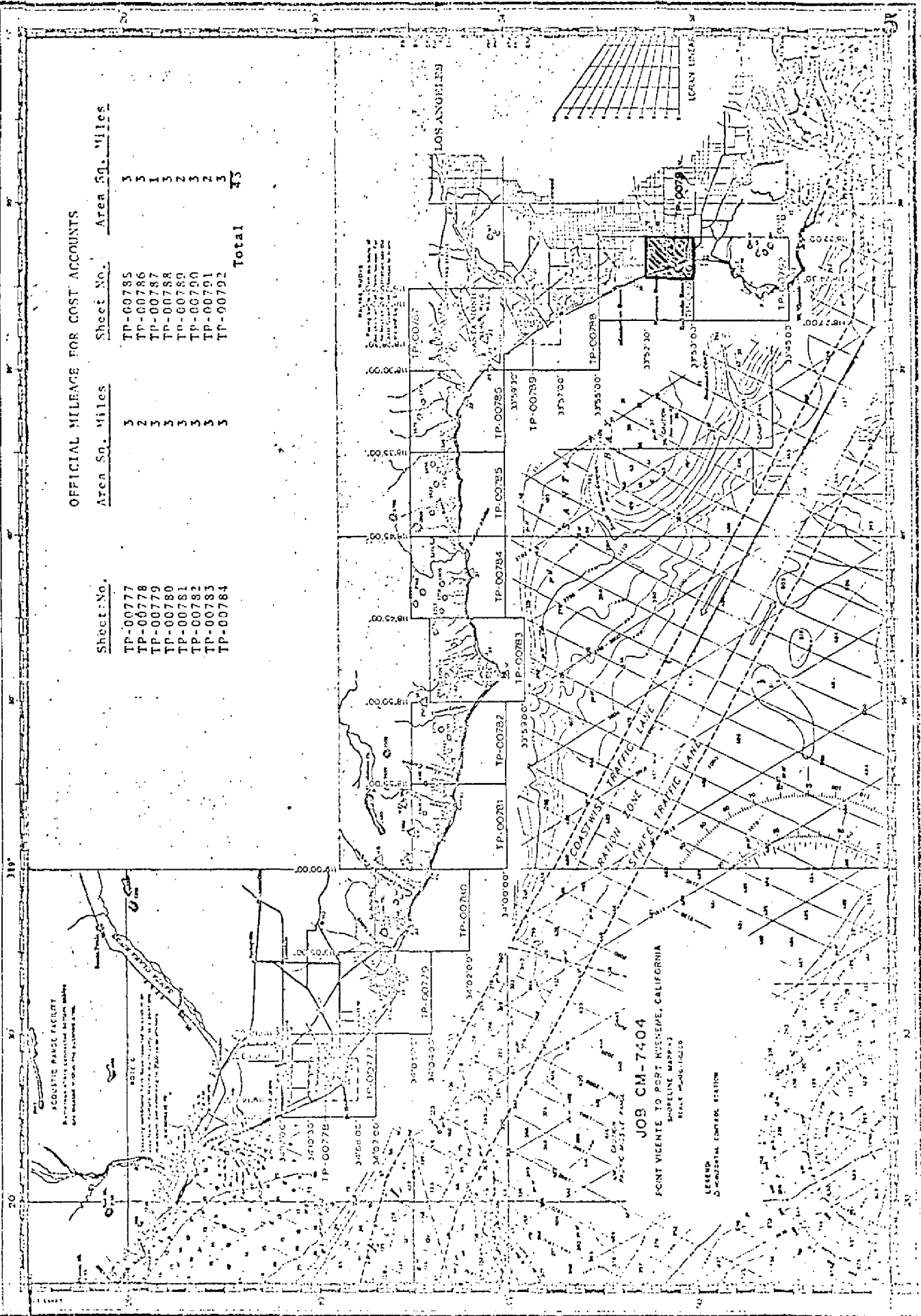
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No.	Area Sq. Miles	Sheet No.	Area Sq. Miles
TP-00777	3	TP-00785	3
TP-00778	3	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



JOB CM-7404
 POINT VICENTE TO PORT MUSEME, CALIFORNIA
 SHORLINE MAPS-13
 SCALE 1:50,000

49

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.

7

FIELD INSPECTION

TP-00791

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

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

8a

Shawley 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

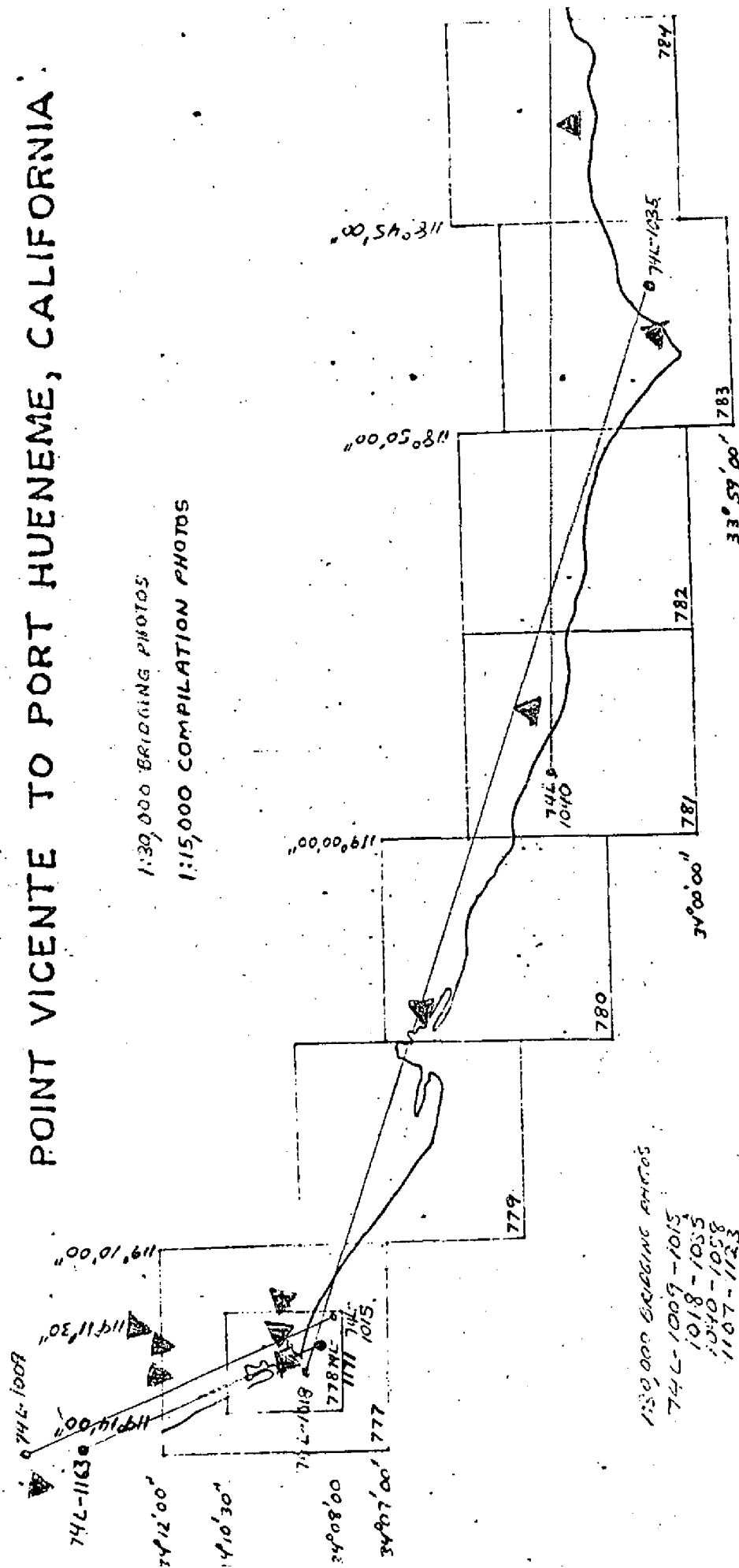
Strip #3:	28100	.626	1.068
	50100	-.267	1.023
	58101	.064	-.204

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 BRIDGING PHOTOS
1:15,000 COMPILATION PHOTOS

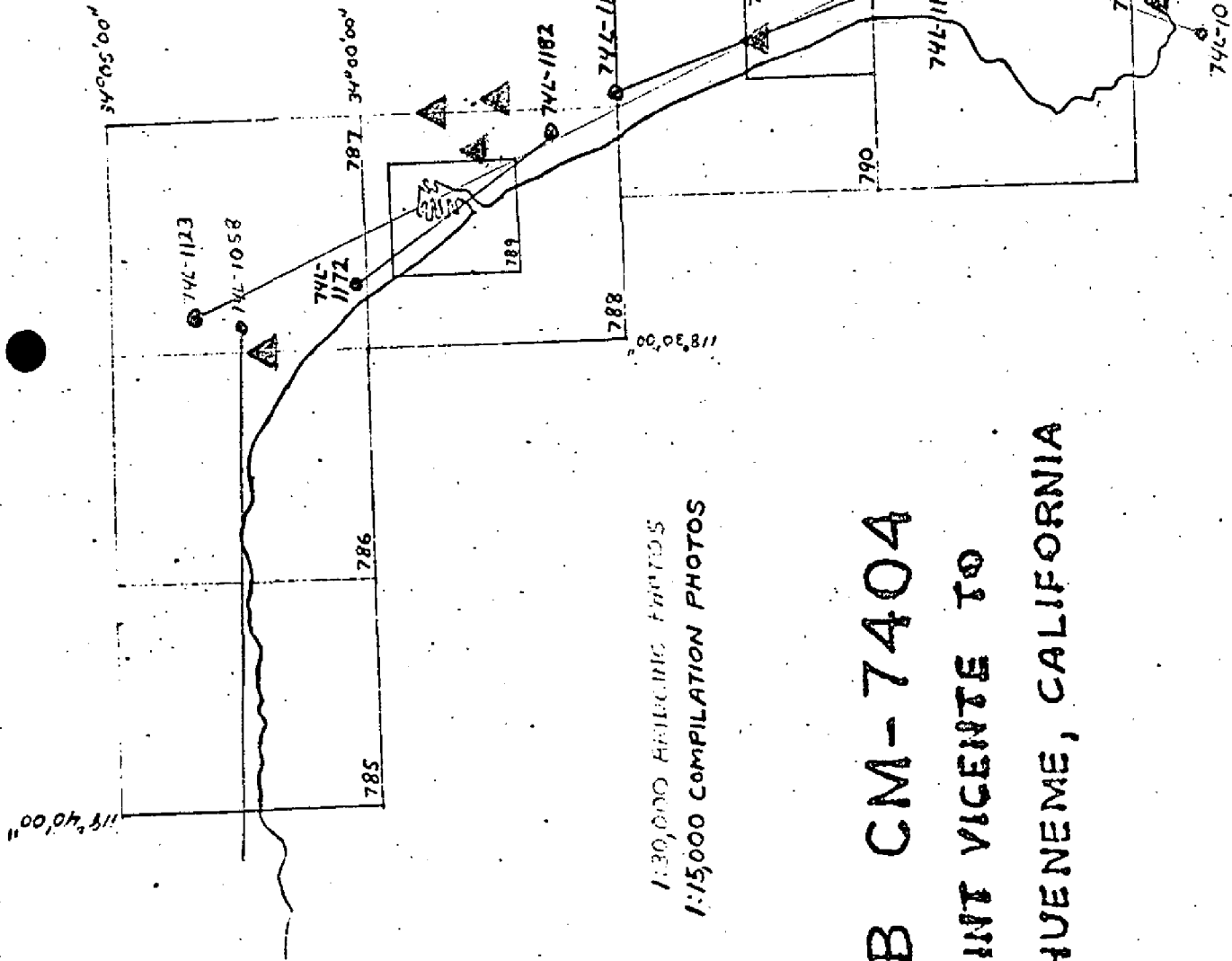


50749 2N127129 000 0.81

742-1009-1015
5501-1018
1040-1058
1107-1123
1099-1101

15,000 completion

1611-5911
1172-1182
1190-1199

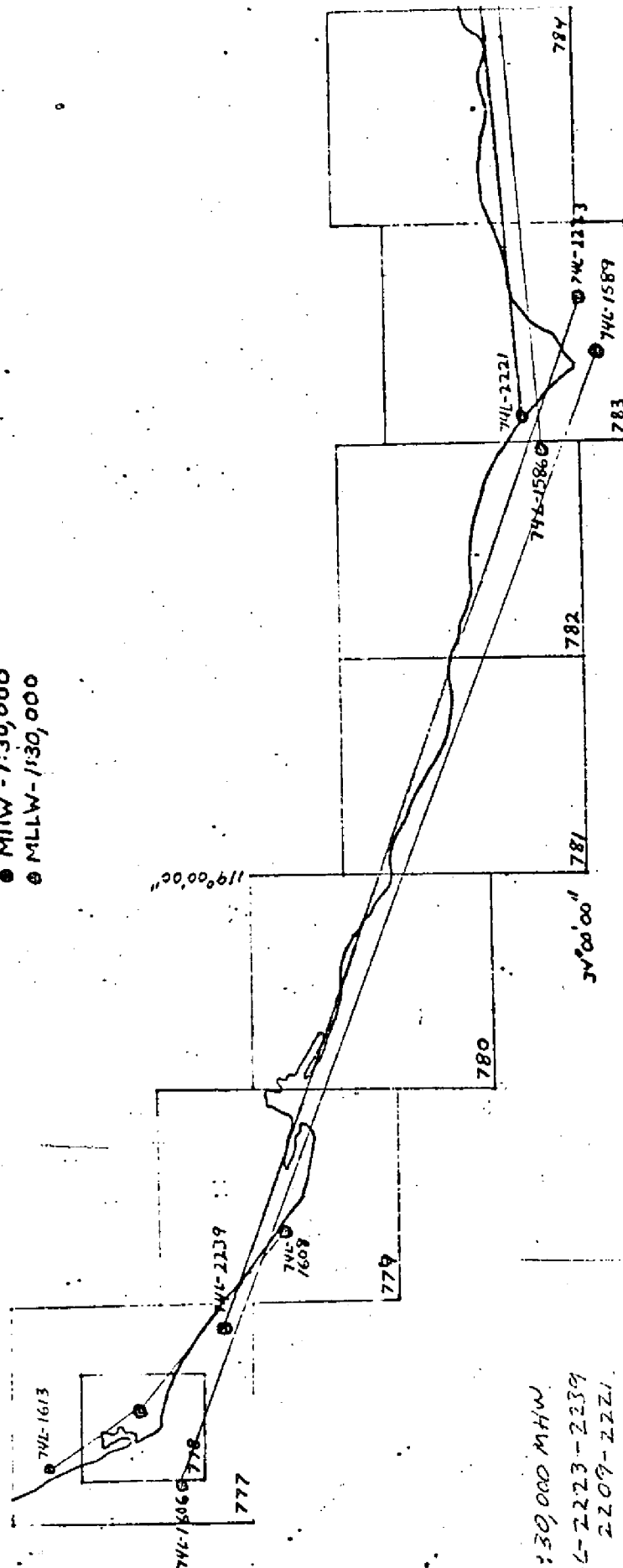


JOB CM-7404 POINT VICENTE TO PORT HUENEME, CALIFORNIA

JOB CM-7404

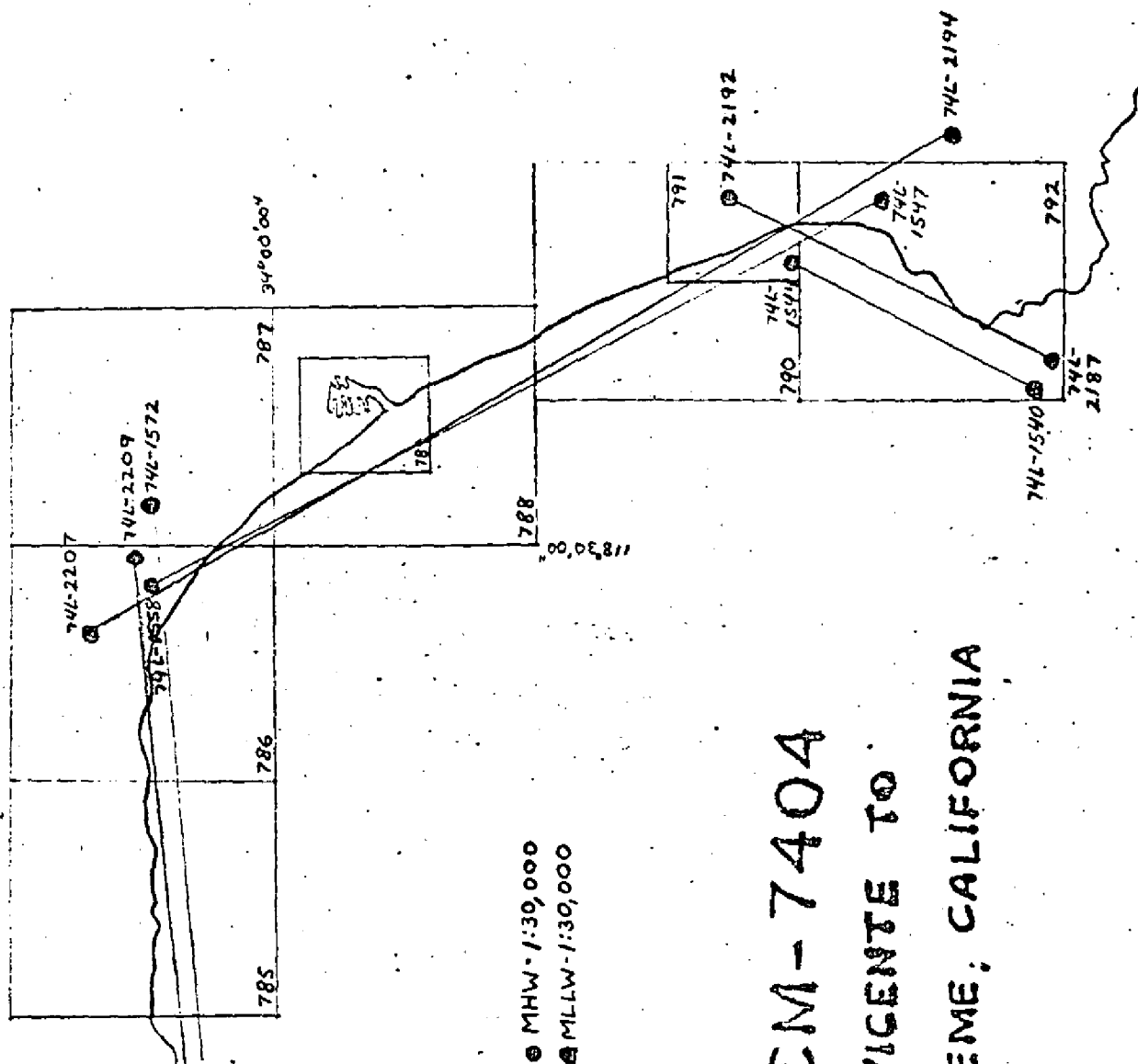
POINT VICENTE TO PORT HUENEME, CALIFORNIA

● MHW - 1:30,000
 ○ MLLW - 1:30,000



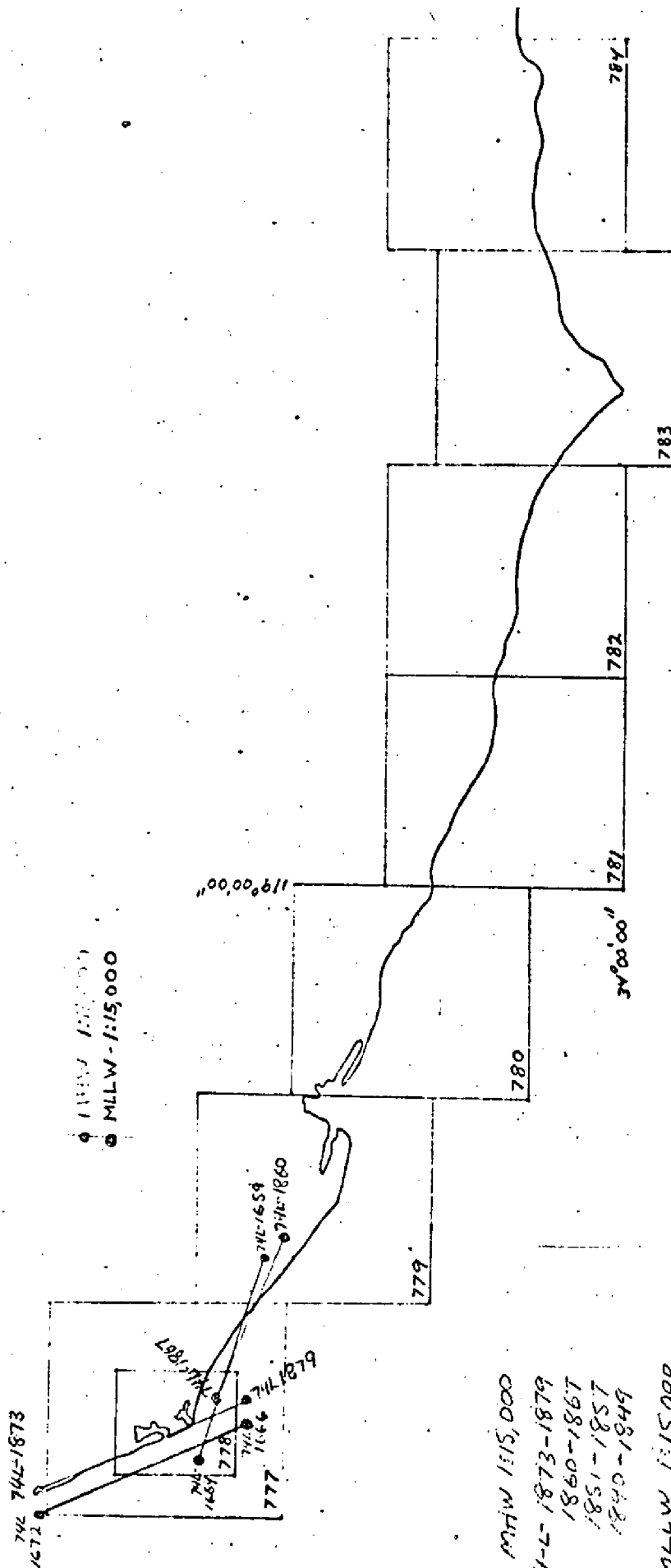
1:30,000 MHW
 74-L-2223-2239
 2209-2221
 2194-2207
 2187-2192

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



JOB CM-7404 POINT VICENTE TO PORT HUENEME, CALIFORNIA

POINT VICENTE TO PORT HUENEME, CALIFORNIA



000 5131 m44w

74-6-1873-1879

1.981-0981

1.581-1581

5481-048

0005131 M776

34-1-1666-1672

100-1050-1050

1048-1657

1541-1648

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	CM-7404	GEODETIC DATUM	NA	1927	ORIGINATING ACTIVITY	REMARKS
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE ZONE	COGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	Division, Norfolk, Va.	Coastal Mapping	Division, Norfolk, Va.
NONE			X=	ϕ			FORWARD
			Y=	λ			BACK
			X=	ϕ			
			Y=	λ			
			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			COMPUTATION CHECKED BY				DATE
LISTED BY			LISTING CHECKED BY				DATE
HAND PLOTTING BY			HAND PLOTTING CHECKED BY				DATE

COMPILATION REPORT

TP-00791

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using the 1:15,000 scale color photography. Common pass points were selected on tide controlled 1:5,000 scale infrared ratio photographs and the mean high water and mean lower low water lines were compiled graphically from them.

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 the Wild B-8 stereoplotter and 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:

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 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 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 Chart 18301, scale 1:40,000, 18th edition, 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 28, 1974

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-00791

✓ Hermosa Beach

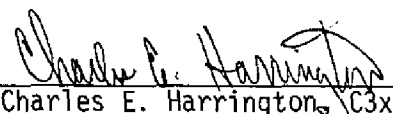
✓ Redondo Beach (Pp1)

✓ King Harbor

✓ Santa Monica Bay

✓ Pacific Ocean

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 - 00791			
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 <i>Frank Margiotta</i> 4/10/75		SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> 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 L. O. Netere, Jr. 4/12/76 <i>A. L. Shands</i> 4/15/76		SUPERVISOR <i>Albert C. Rauck, Jr.</i> A. C. Rauck, Jr.	
43. REMARKS See form 76-36C, field edit operation, items 3 & 8 for field edit sources			

FIELD EDIT REPORT

MAP TP-00791

REDONDO BEACH

OCTOBER 1975

Field edit of map TP-00791 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 the location of features in question. The shore was regular sandy beach and manmade harbor quay wall with unfouled foreshore area, requiring no verification of the existence of rocks, reefs, etc. All times were based on Greenwich Mean Time.

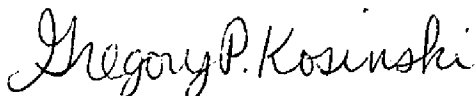
ADEQUACY OF COMPILATION

Compilation of this map was good. The hydrography for this area was run concurrently with the field edit. Field inspection of this map is complete except for the location of submerged pipelines originating at the Southern California Edison power plant in Redondo Beach. Location of these pipes will be determined in the spring of 1976.

RECOMMENDATIONS

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

Respectfully submitted:



Gregory P. Kosinski
ENS, NOAA

Original sent 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				NONFLOATING AIDS				ORIGINATING ACTIVITY			
REPORTING UNIT (Field Party, Ship or Office)		STATE		LOCALITY		DATE		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED		ORIGINATING ACTIVITY			
TO BE CHARTED ☒ TO BE REVISED ☐ TO BE DELETED		California		Point Vicente to Port Hueneme		Apr. 1975 May, 1976		OFFICE		FIELD		☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ PHOTO FIELD PARTY ☒ COMPILED ACTIVITY ☐ FINAL REVIEWER ☐ QUALITY CONTROL & REVIEW GRP. ☐ COAST PILOT BRANCH (See reverse for responsible personnel)			
The following objects HAVE ☒ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.		SURVEY NUMBER		D.M. Meters		D.P. Meters		D.M. Meters		D.P. Meters					
OPR PROJECT NO.		JOB NUMBER		LATITUDE		LONGITUDE		POSITION		METHOD AND DATE OF LOCATION		CHARTS AFFECTED			
411		CM-7404		33 51		118 24		N.A. 1927		74L(I) 1645 March 1974		18744			
DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)		33 50		118 23		16.88 434		F-5-L Oct. 1975		18744					
Hermosa Beach Fog Signal		33 50		118 23		58.35 1500		F-V-Vis. Oct. 1975		"					
King Harbor Light 1		33 50		118 23		56.36 1449		"		"					
King Harbor Light 2		33 50		118 23		52.24 1343		"		"					
Portofino Light 1		33 50		118 23		49.79 1280		"		"					
Portofino Light 2		33 50		118 23		33.80 869		"		18740					
Redondo Beach East Jetty Light 2		33 50		118 23		40.53 1042		"		"					
Redondo Beach West Jetty Light 3		33 50		118 23		44.172 1135.7		F-2-6-L Oct. 1975		"					
Mole C Light		33 50		118 23		36.99 951		F-4-8-L April, 1976		18301, 18740 18744					
Redondo Harbor Light		33 50		118 23		P-5-V. Oct. 1975		"		"					

REVIEW REPORT

TP-00791
SHORELINE

December 22, 1978

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report.

It is noted on the field edit ozalid that pipelines shown on the chart at King Harbor were to have been located in the spring of 1976. That data was not submitted to the compilation office. The pipelines are not mapped.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC MAPS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Not applicable.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with copies of Final Verified Smooth Sheets H-9558 (FA 10-9-75) and H-9559 (FA-10-10-78). A small ledge area and an end of pier in ruin are shown on H-9558 just east of Mole C Light. There is no indication on the photographs of their existence. They were not identified by the field editor and are not shown on the map.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 18744, 1:40,000 scale (King Harbor inset 1:10,000 scale), 26th edition dated May 6, 1978.

The unlabeled dash line on the chart extending seaward from King Harbor Light "2" is not represented on the map. There are no images on the photographs that indicate the existence of any feature at that position.

A building is visible on the photography on the pier near the entrance to King Harbor. The building is shown on the map but is not shown on the chart.

The compilation office has no evidence of the existence of the ledge shown on the chart east of Mole C Light. See paragraph 64.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map compiles 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. Rauch Jr.

Chief, Photogrammetric Branch, AMC

Approved: *HW*

John D. Perrau Jr.

Chief, Photogrammetric Branch

James C. ...

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

