

TP-00784

ORIGINAL

TP-00784

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-00784
Classification No. Final	Edition No. 1
Field Edited Map	
LOCALITY	
State	California
General Locality	Point Vicente to Port Hueneme
Locality	Malibu Point
1974 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.		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ REVISED		SURVEY TP. 00784 MAP EDITION NO. (1) MAP CLASS Final JOB PH. CM-7404	
DESCRIPTIVE REPORT - DATA RECORD				LAST PRECEDING MAP EDITION			
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va.				TYPE OF SURVEY ☐ ORIGINAL ☐ RESURVEY ☐ REVISED		JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.							
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation Nov. 4, 1974 Compilation Jan. 8, 1975				Premarking Jan. 30, 1974 Premarking Amendment I Mar. 14, 1974			
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 1:10,000				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	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				C. Blood		Apr 1975	
INSTRUMENT: Wild B-8				Neterer, Shands & Rauck		Apr 1975	
SCALE: 1:15,000				NA			
4. MANUSCRIPT OELINEATION PLANIMETRY BY				Charles Parker		May 1975	
METHOD: Smooth drafted				F. P. Margiotta		Jun 1975	
M.H.W. & M.L.L.W. Graphic				NA			
SCALE: 1:10,000				Charles Parker		May 1975	
HYDRO SUPPORT DATA BY				F. P. Margiotta		Jun 1975	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				F. P. Margiotta		Jun 1975	
6. APPLICATION OF FIELD EDIT DATA BY				A. L. Shands		Aug 1976	
CHECKED BY				A. L. Shands		Aug 1976	
7. COMPILATION SECTION REVIEW BY				A. L. Shands		Aug 1976	
8. FINAL REVIEW BY				A. L. Shands		Feb. 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-00784
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	☒ STANDARD
☒ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☒ TIDE CONTROLLED PHOTOGRAPHY				Pacific	☐ DAYLIGHT
				MERIDIAN	
		120th			
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
*74L(C) 1048-1051	3/4/74	11:50	1:30,000	0.5 ft. below MLLW	
**74L(I) 2216-2218	4/5/74	08:58	1:30,000	±0.2 ft. of MHW	
**74L(I) 1578-1581	3/21/74	14:35	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.

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
No survey	TP-00785	No survey	TP-00783

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-00784

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 ☐ COMPLETE BY ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	None

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
74L(C)1050	REEF, 1862		

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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HISTORY OF FIELD OPERATIONS

1. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. E. Alderman	Apr 1976
2. HORIZONTAL CONTROL	RECOVERED BY G. P. Kosinski	Apr 1976
	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 G. P. Kosinski	Apr 1976
	IDENTIFIED BY None	
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

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)

One field edit report, one field edit ozalid, one horizontal control report

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00784
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	5/18/75	Class III manuscript	2/10/76	8/4/75
Field edit applied. Compilation complete	8/76	Class I manuscript	8/20/76	
Final Review	Feb 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		8/23/76	3 Landmarks for charts

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 8/23/763. ☐ 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 567 SUBMITTED BY FIELD PARTIES.
 3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS:

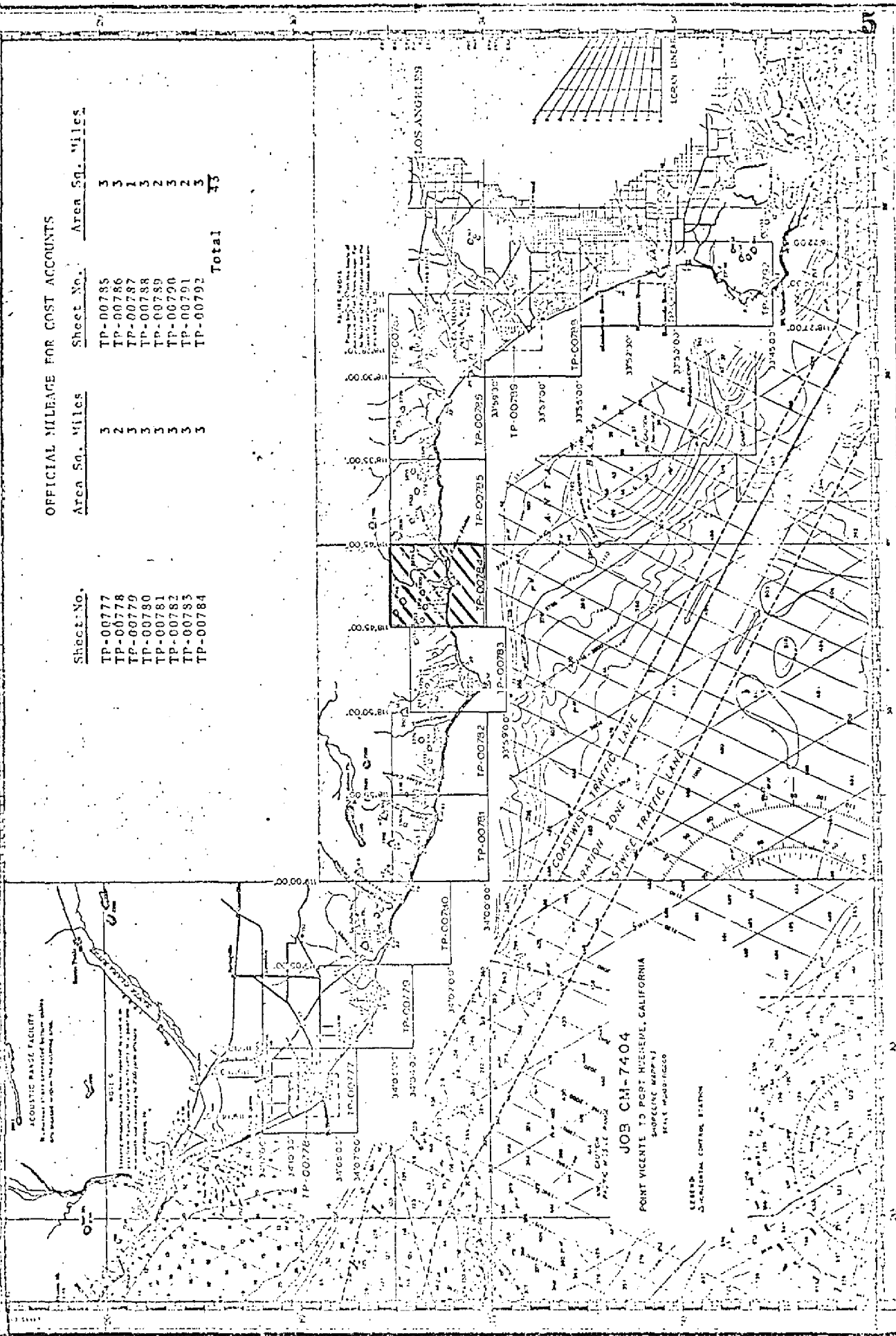
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

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CM-7404



6 1

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-00784

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

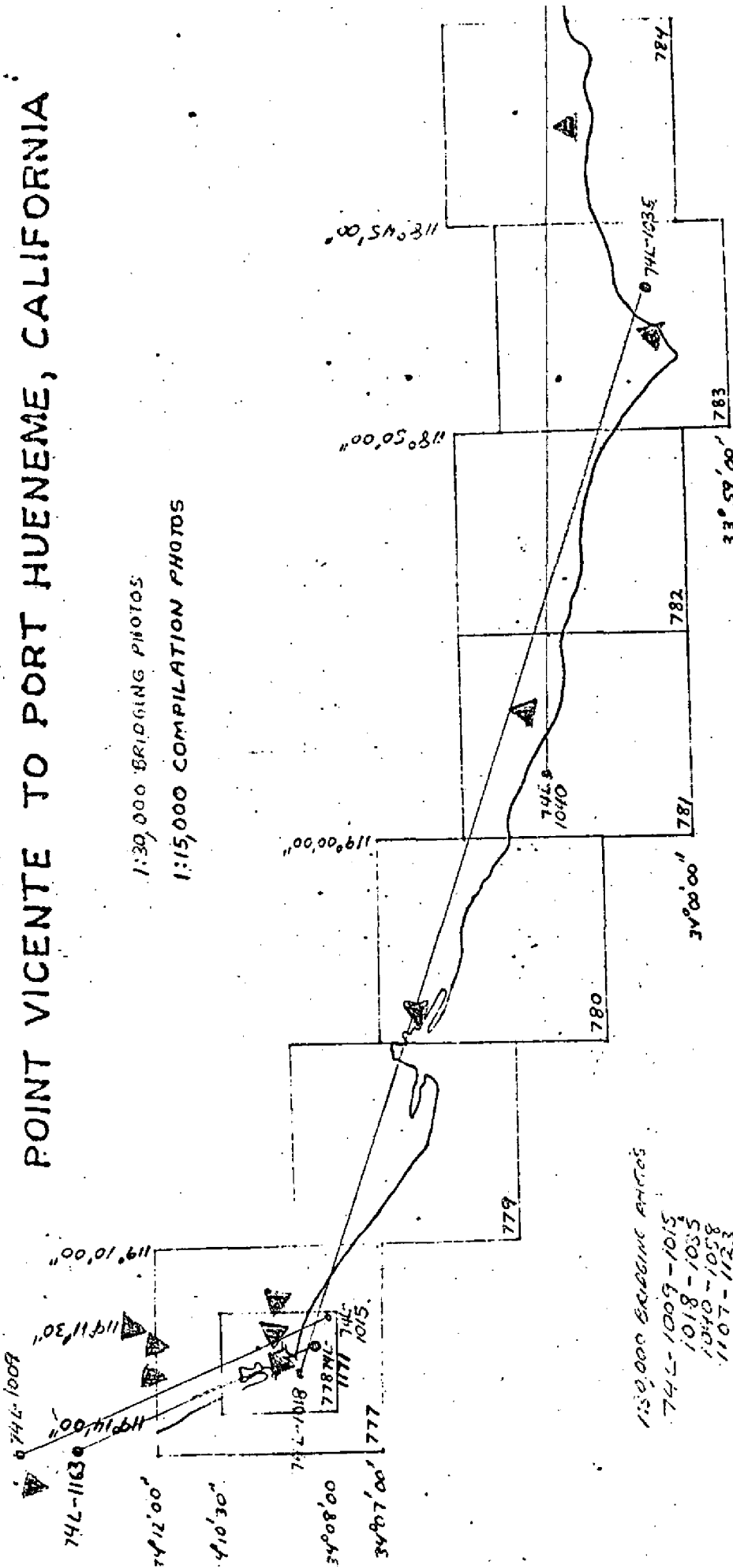
	POINT	X-ERROR	Y-ERROR
Strip #1:	9101	0	0
	11114	0	0
	13101	0	0
Strip #2:	13101	.381	.253
	24101	-1.368	-.581
	28100	1.455	.573
	34100	-.475	-.246
Strip #3:	28100	.626	1.068
	50100	-.267	1.023
	58101	.064	-.204
Strip #4:	108101	-1.954	-.873
	111111	2.718	3.046
	113101	-.123	-2.005
	117100	-1.029	-.525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

JOB CM-7404

POINT VICENTE TO PORT HUENEME, CALIFORNIA

1:30,000 BRIDGING PHOTOS

1:15,000 COMPILATION PHOTOS

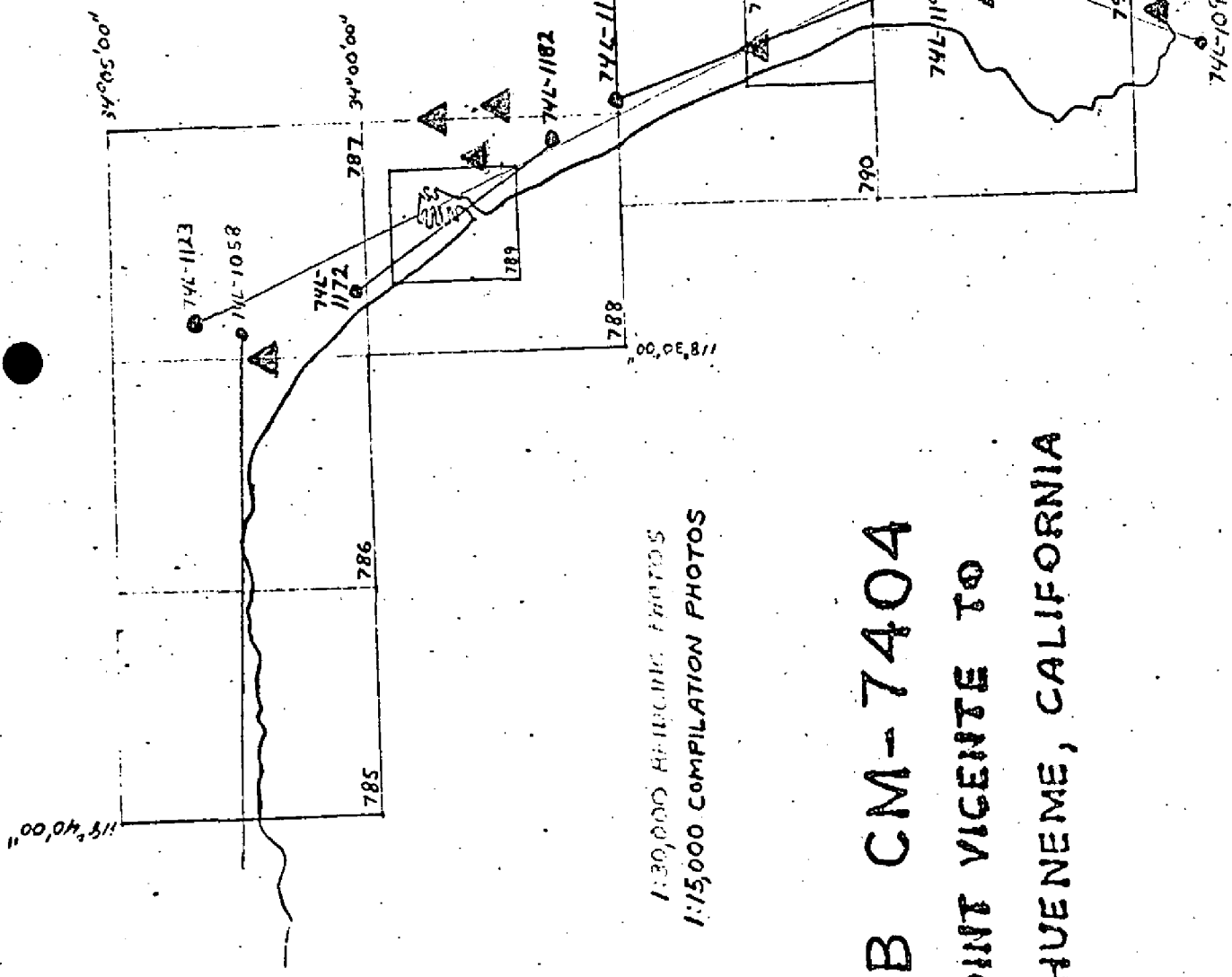


1:30,000 BRIDGING PHOTOS

74L-1009-1015
1018-1035
1040-1058
107-1123
1099-1104

1:15,000 COMPILATION

74L-1163-1171
1172-1182
1190-1199

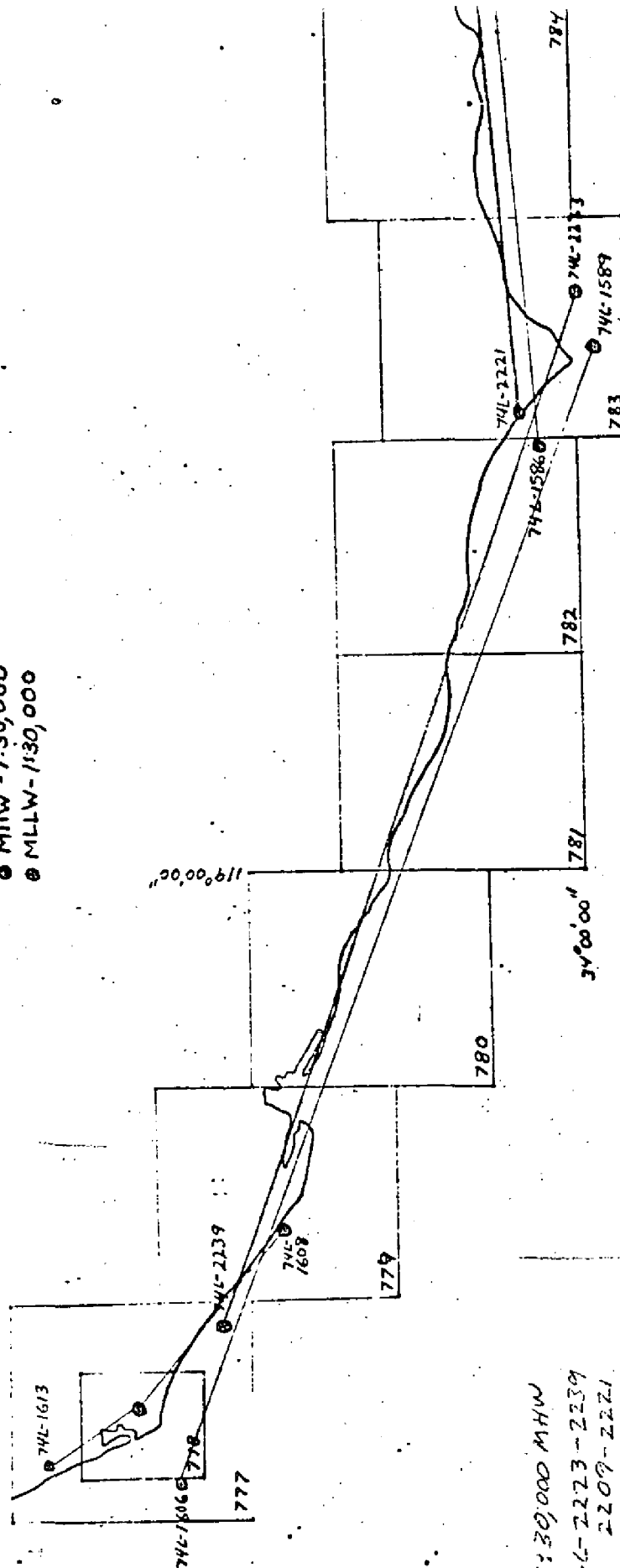


JOB CM-7404 POINT VICENTE TO PORT HUENEME, CALIFORNIA

JOB CM-7404

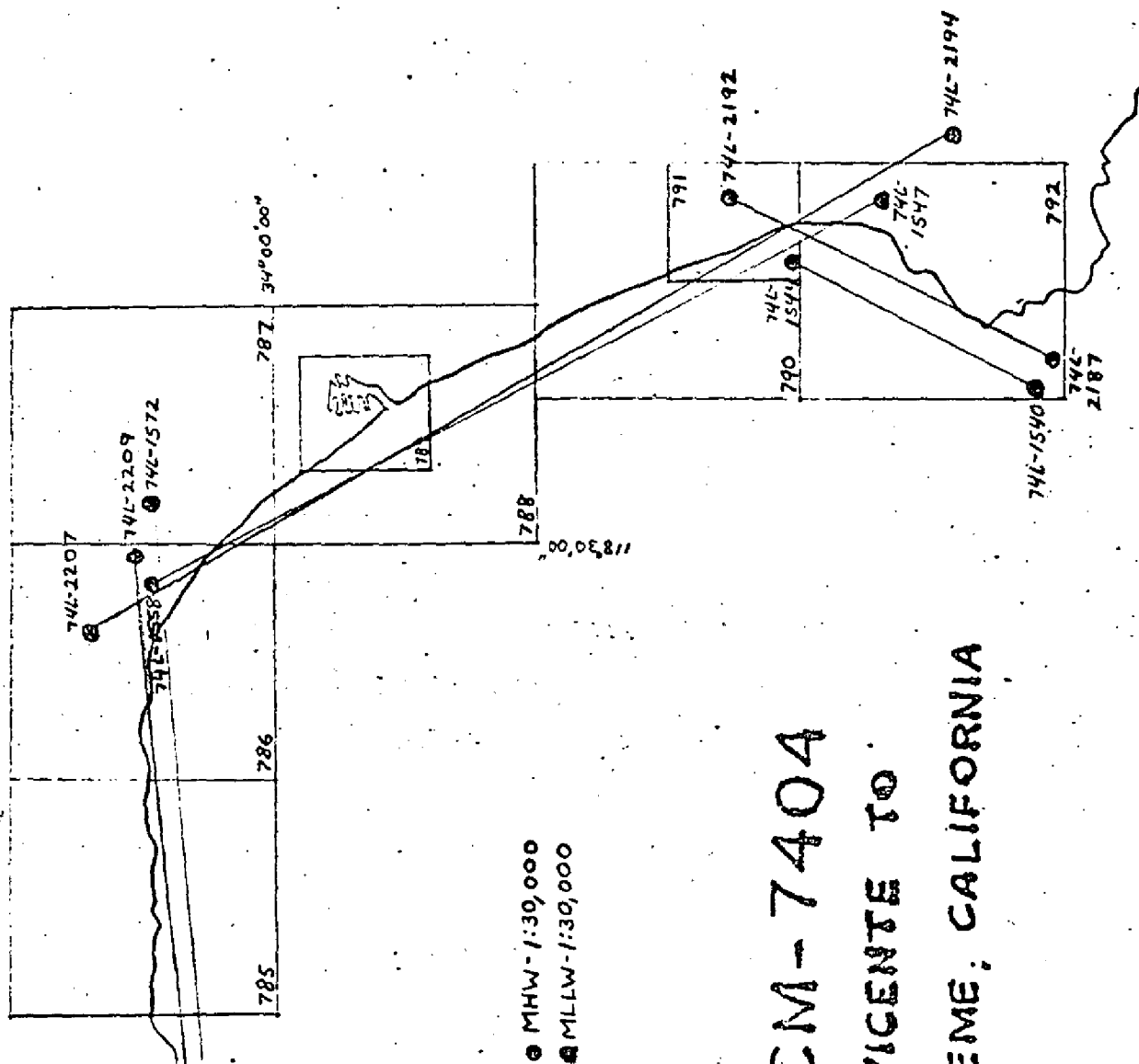
POINT VICENTE TO PORT HUENEME, CALIFORNIA

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



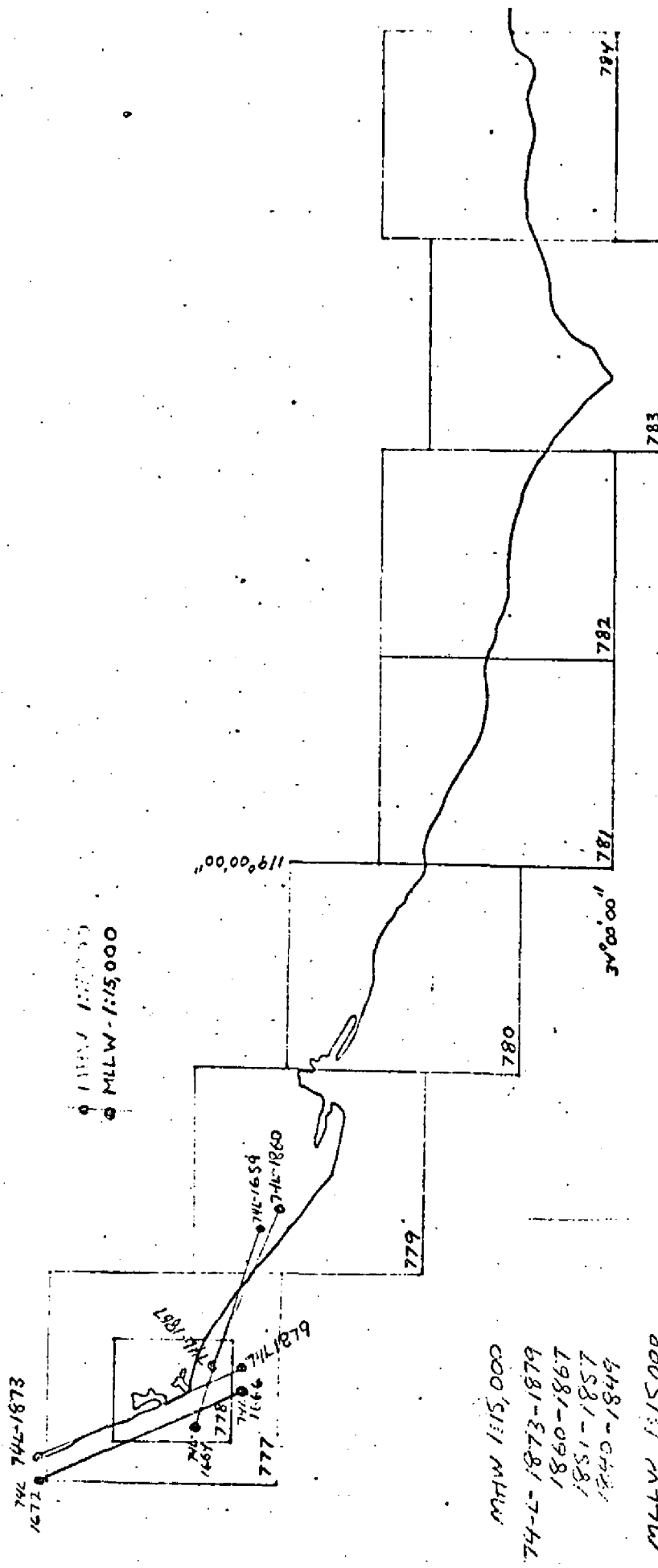
1:30,000 MHW
 74-L-2223-2239
 2209-2221
 2194-2207
 2187-2192

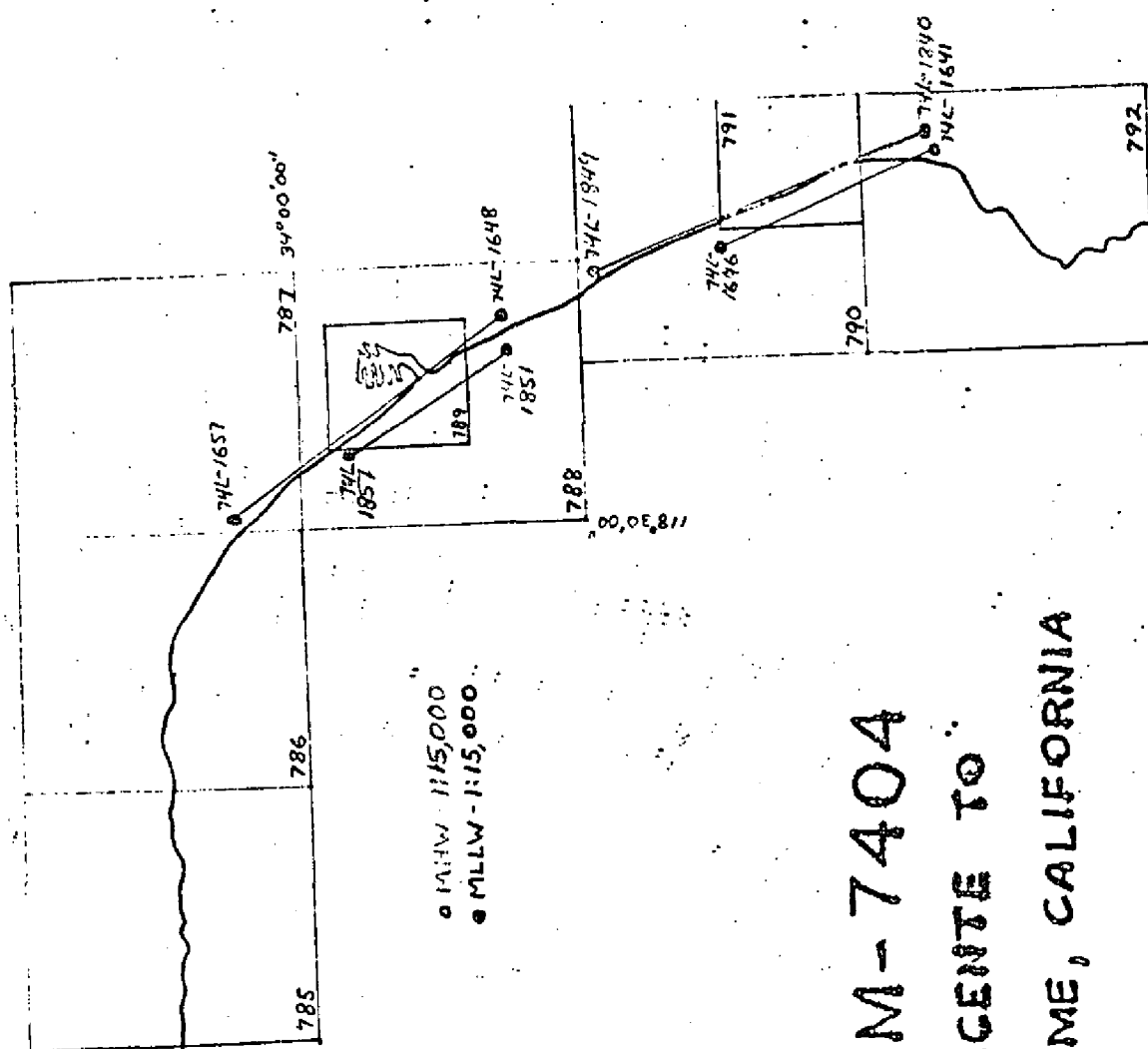
1:30,000
 74-L-1608-1613
 1584-1606
 1572-1586
 1547-1558
 1540-1544



JOB CM-7404
 POINT VICENTE TO
 PORT HUENEME, CALIFORNIA

POINT VICENTE TO PORT HUENEME, CALIFORNIA





JOB CM-7404

POINT VICENTE TO:

PORT HUENEME, CALIFORNIA

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		COORDINATES IN FEET STATE _____ ZONE _____	ORIGINATING ACTIVITY POSITION		REMARKS FORWARD BACK	
					NA	1927		ϕ LATITUDE λ LONGITUDE	Division, Norfolk, Va.		
TP-00784	CM-7404	REEF, 1862	Quad 341183 1056				X=	ϕ 34 01 58.292	1796.0 (52.7)		
							Y=	λ 118 42 11.833	303.6 (1235.9)		
							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			
							X=	ϕ			
							Y=	λ			
							X=	ϕ			
							Y=	λ			
COMPUTED BY	A. C. Rauck, Jr.			DATE	2/25/75			COMPUTATION CHECKED BY	D. Butler	DATE	2/25/75
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-00784

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:30,000 color photography. Points were selected 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:

There are many rocks, awash and submerged, along ^{the} shoreline. The field editor was asked to verify them and the limits of ledge and kelp areas:

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 76-368, Item #5 concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with USGS Quadrangle Malibu Beach, California, dated 1950, scale 1:24,000

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with National Ocean Survey Chart 18740, 19th edition, dated Sept. 28, 1974, scale 1:234,270

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
May 8, 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-00784

✓ Amarillo Beach	✓ Marie Canyon
✓ Corral Beach	✓ Pacific Ocean
✓ Corral Canyon	✓ Puerco Beach
✓ Kellers Shelter	✓ Puerco Canyon
✓ Malibu Beach	✓ Santa Monica Bay
✓ Malibu Creek	✓ Solstice Canyon
✓ Malibu Point	

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 - 00784			
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
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 FM	39. FORMS FM
40. REVIEWER <i>Frank P. Margiotta</i> Frank P. Margiotta 6/75		SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> Albert 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 <i>A. L. Shands</i> A. L. Shands 7/30/76		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
43. REMARKS See form 76-36C (field editors copy) for list of field edit data.			

FIELD EDIT REPORT

MAP TP-00784

MALIBU POINT

APRIL 1976

Field edit of map TP-00784 was completed by LT D. MacFarland, LTJG G.P. Kosinski, and ENS S.L. Poole during April, 1976. 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 foreshore ranged from sandy beach in some areas, to expanses of boulders and ledge. Much of the offshore area was foul, as indicated on the film ozalid by the field editor and compiler. Bluffs were examined from sea; those of landmark value are noted. Two submerged rocks near Malibu Beach, and one rock awash near Puerco Beach are indicated on the ozalid by the compiler. Thorough searches on several days by the field editor working from a hydrographic survey launch or from an outboard skiff equipped with a portable fathometer failed to indicate the existence of these rocks; they should be deleted. A copy of form 76-40 describing landmarks that were verified visually is attached. Form 526 is submitted for REEF 1862. The kelp line as delineated was determined by hydrographic survey launches that either terminated sounding lines at the beginning of the kelp zone or ran sounding lines along the seaward limit.

ADEQUACY OF COMPILATION

Compilation of this map is generally good. Some foreshore areas were erroneously depicted as ledge and have been corrected.

RECOMMENDATIONS

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

Respectfully submitted:

Gregory P. Kosinski
Gregory P. Kosinski, LTJG, NOAA

REVIEW REPORT

TP-00784
SHORELINE

February 8, 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-9598 (FA-10-3-76).

There are several rocks shown on the smooth sheet that do not appear on the map. Evidence on the photographs, while not conclusive, does support the existence of these rocks.

65. COMPARISON WITH NAUTICAL CHARTS:

The map was compared with Chart 18744, 10,000 scale 22nd edition, dated May 6, 1978. There are no significant differences.

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. Rana, Jr.

Chief, Photogrammetric Branch, AMC

Approved: *JPW*

John D. Perraw, Jr.

Chief, Photogrammetric Branch

James L. ...

Chief, Coastal Mapping Division

16
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

