

TP-00781

ORIGINAL

TP-00781

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-00781
Classification No.	Final
Edition No.	1
Field Edited Map	
LOCALITY	
State	California
General Locality	Point Vicente to Port Hueneme
Locality	Arroyo Sequit
19 74 TO 19 76	
REGISTRY IN ARCHIVES	
DATE	

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>00781</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 Nov 4, 1974 Compilation Jan. 8, 1975		Premarking Jan. 30, 1974 Premarking Mar 14, 1974 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 ZONE California 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 INSTRUMENT Wild B-8 CONTOURS BY SCALE: 1:15,000 CHECKED BY		C. Blood & J. Byrd Nov 1975 R. Minton & A.C. Rauck Sep 1975 NA NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth drafted CONTOURS BY CHECKED BY SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY		C. Blood & J. Minton Nov 1975 A.L. Shands Dec 1975 NA NA C. Blood & J. Minton Nov 1975 A.L. Shands Dec 1975	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		A.L. Shands Dec 1975	
6. APPLICATION OF FIELD EDIT DATA BY		J. D. Roderick Jul 1976	
7. COMPILATION SECTION REVIEW BY		A. L. Shands Jul 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		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-00781
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8"L"		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE ☒ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☒ TIDE CONTROLLED PHOTOGRAPHY				ZONE Pacific	☒ STANDARD
				MERIDIAN 120th	☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
*74L(C) 1026-1029	3/4/74	11:03	1:30,000	± 0.0 ft. of MLLW	
**74L(I) 2229-2231	4/5/74	09:10	1:30,000	± 0.2 ft. of MHW	
**74L(I) 1594-1596	3/21/74	15:00	1:30,000	± 0.2 ft. of MLLW	

REMARKS

*Bridge photography (predicted tides)
 **Tide coordinated photography at MHW & 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-00782	No survey	TP-00780

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00781
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 L. Riggers	Feb 1974
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY L. Riggers	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 ☐ 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)1029	LINE, 1927		

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)

1-form 152

TP-00781

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. E. Alderman	April 1976
2. HORIZONTAL CONTROL	G. P. Kosinski	Apr 1976
RECOVERED BY	None	
ESTABLISHED BY	None	
PRE-MARKED OR IDENTIFIED BY	None	
3. VERTICAL CONTROL	None	
RECOVERED BY	None	
ESTABLISHED BY	None	
PRE-MARKED OR IDENTIFIED BY	None	
4. LANDMARKS AND AIDS TO NAVIGATION	None	
RECOVERED (Triangulation Stations) BY	None	
LOCATED (Field Methods) BY	None	
IDENTIFIED BY	G.P. Kosinski	Apr 1976
5. GEOGRAPHIC NAMES INVESTIGATION		
TYPE OF INVESTIGATION		
☐ COMPLETE		
☐ SPECIFIC NAMES ONLY		
☒ NO INVESTIGATION		
6. PHOTO INSPECTION	None	
CLARIFICATION OF DETAILS BY	None	
7. BOUNDARIES AND LIMITS	NA	
SURVEYED OR IDENTIFIED BY		

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
741(T)2330	TANK A.L.S		

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 and field edit ozalid

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00781
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	Nov 1975	Class III manuscript [REDACTED]	8/20/76	3/17/76
Field edit applied compilation complete	Jul 1976	Class I manuscript	8/20/76	None
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	1 Landmark for charts

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Aug. 23, 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:

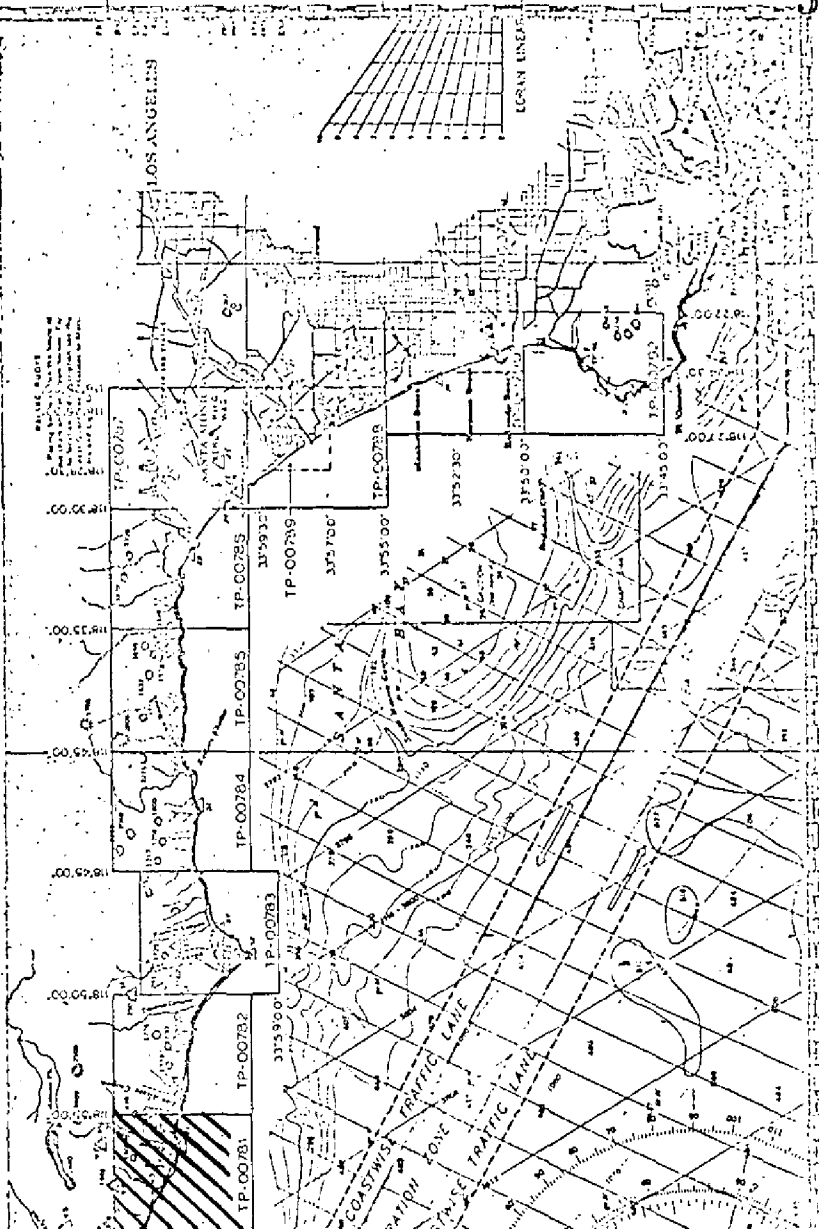
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

5201

CM-7904



6

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-00781

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

8

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

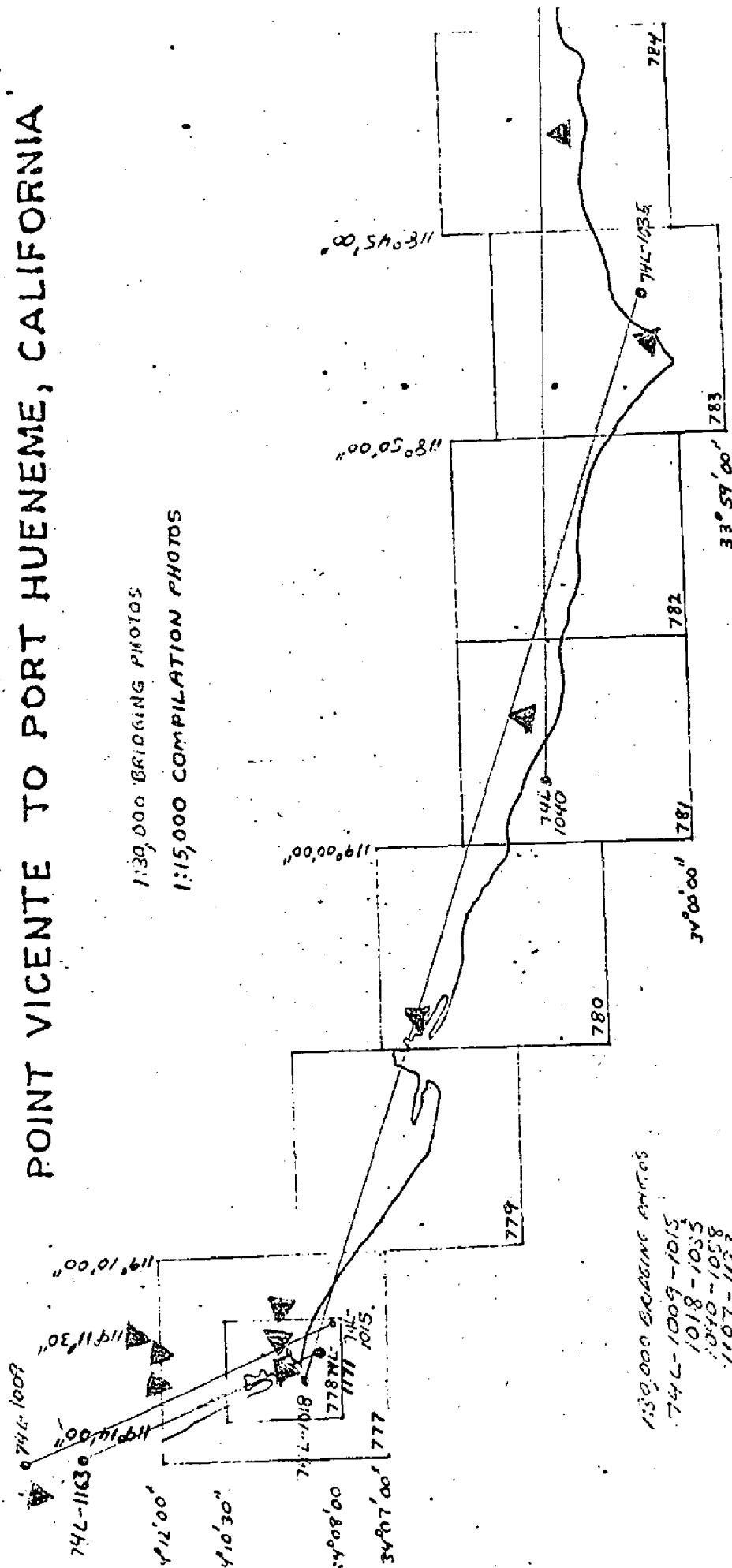
Strip #4:	108101	-1.954	-.873
	111111	2.718	3.046
	113101	-.123	-2.005
	117100	-1.029	-.525
	58101	.382	.363

Strip #5:	99100	.001	.001
	110801	-.004	-.001
	111801	1.078	.017

POINT VICENTE TO PORT HUENEME, CALIFORNIA

1:30.000 BRIDGING PHOTOS

1:15,000 COMPILATION PHOTOS



130,000 ENGINE PARTS

746-1009-1015

1018-1035

8501-1058
1107-1153

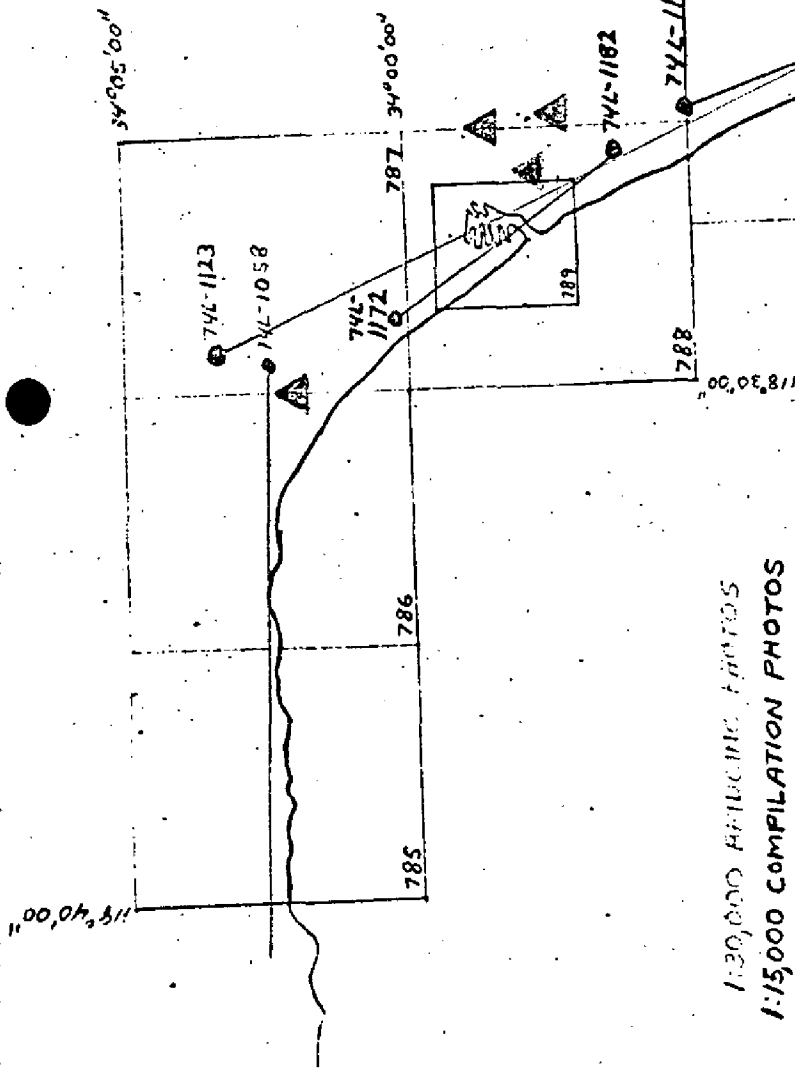
1099-1109

115,000 COMPLETION

1611-3911-7-52

7817-7211

b611-0311-



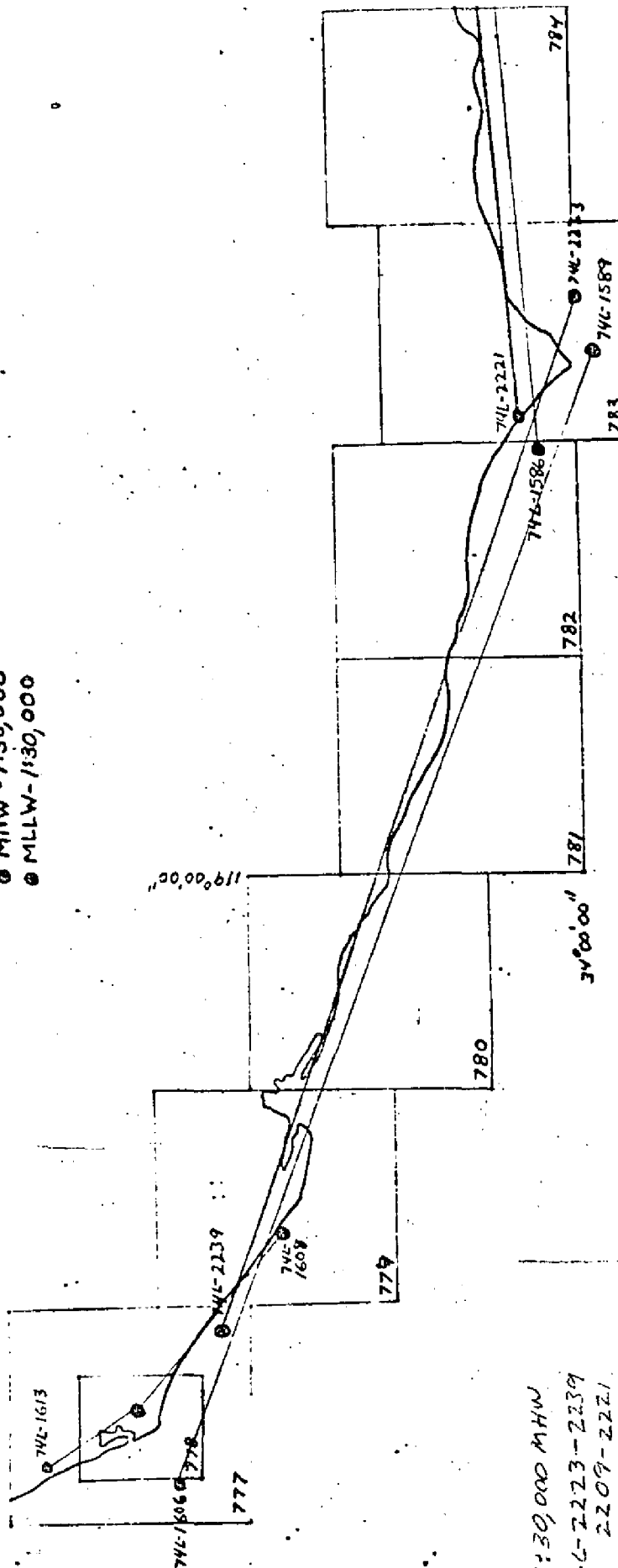
1:30,000 AIRBORNE PHOTOS
1:15,000 COMPILATION PHOTOS

JOB CM-7404 POINT VICENTE TO PORT HUENEME, CALIFORNIA

JOB CM-7404

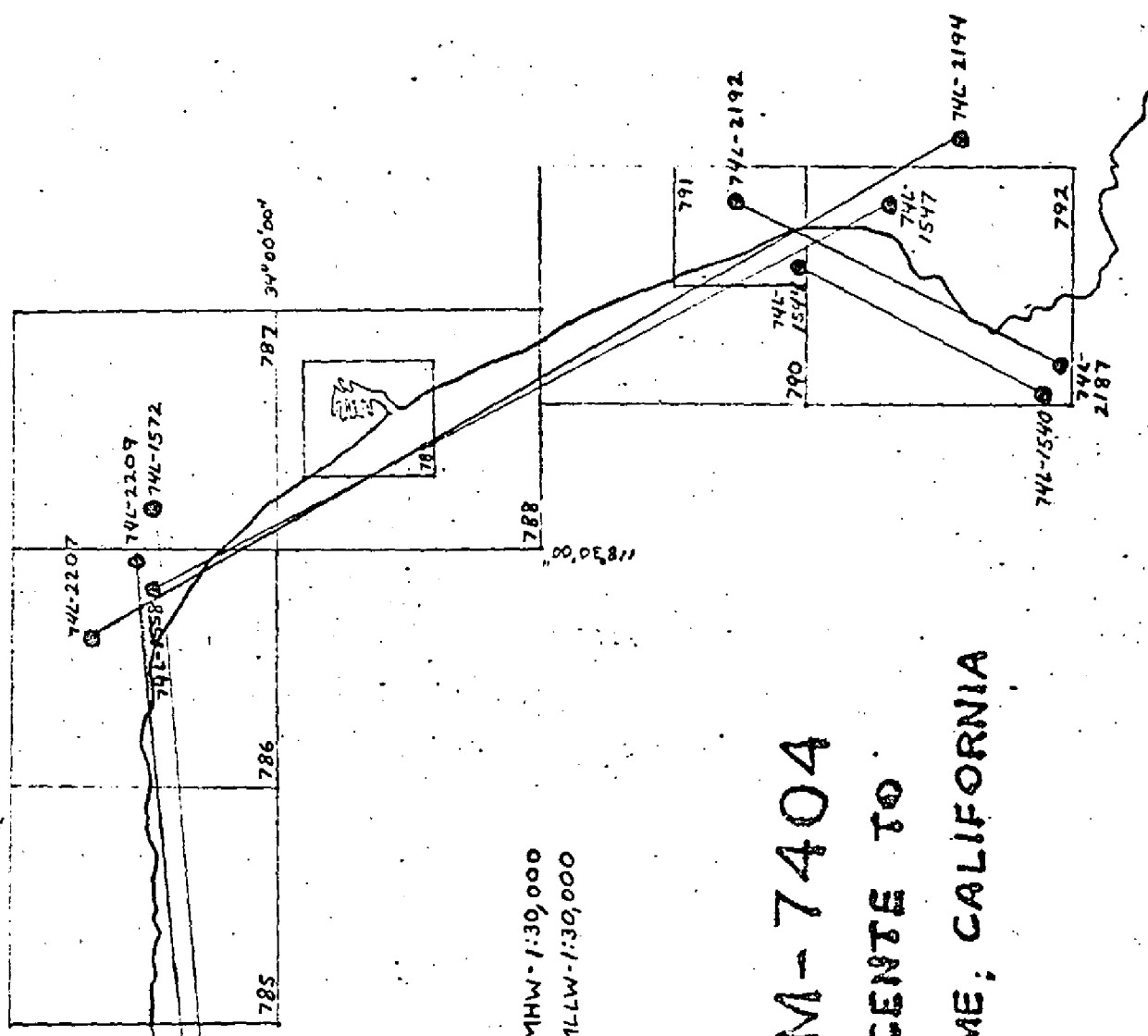
POINT VICENTE TO PORT HUENEME, CALIFORNIA

● 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

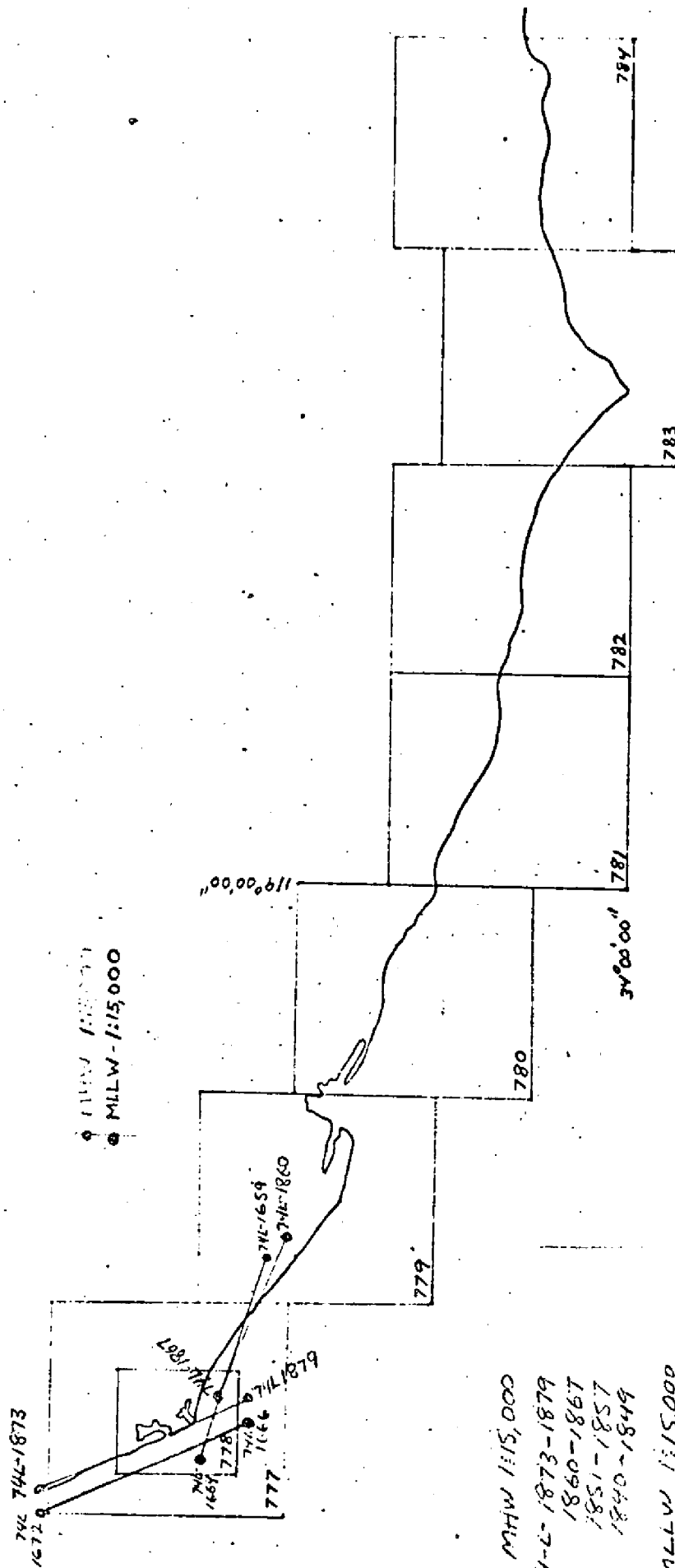


(M) MHW-1:30,000
 (M) MLLW-1:30,000

JOB CM-7404 POINT VICENTE TO PORT HUENEME, CALIFORNIA

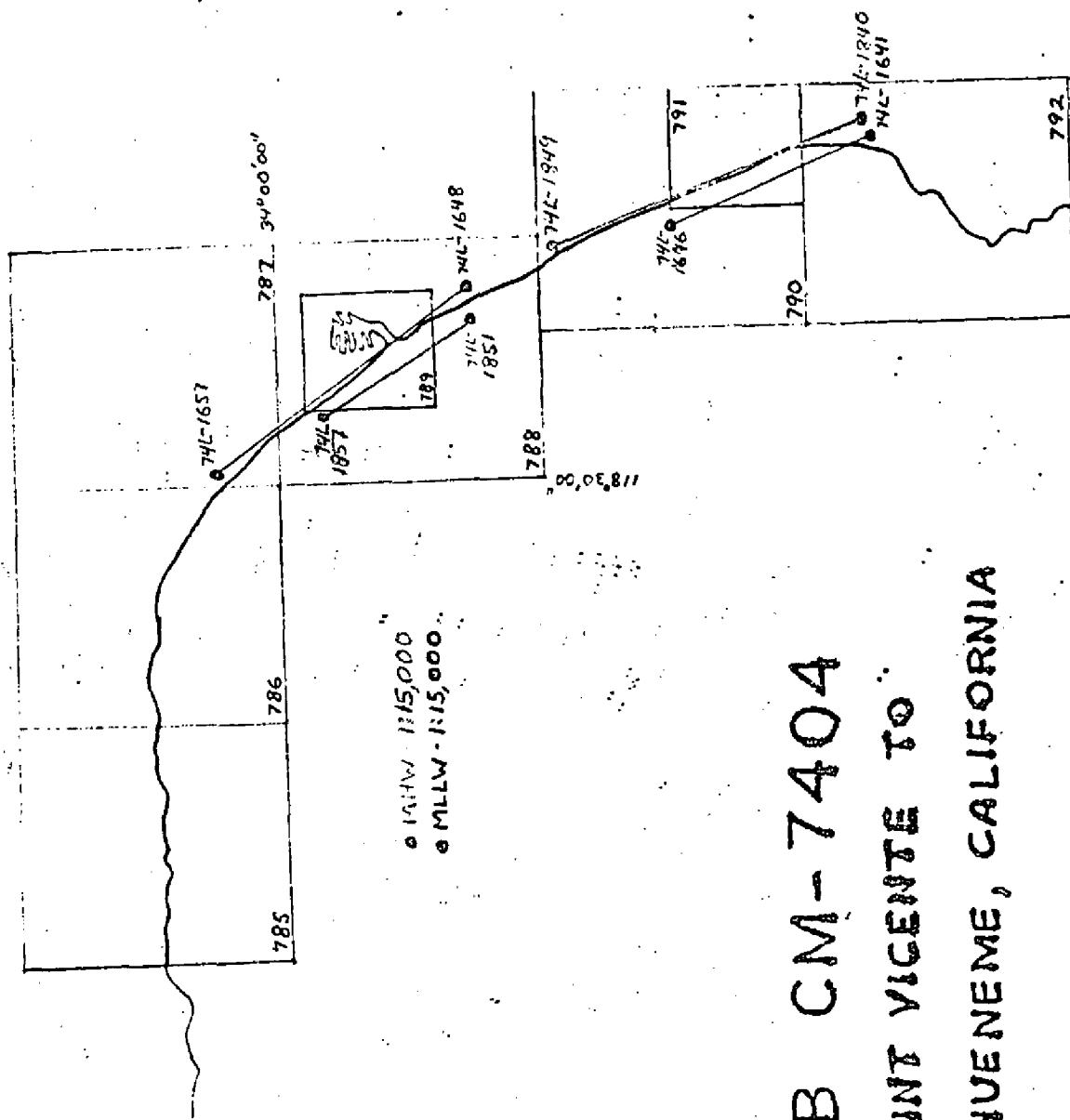
JOB CM-7404

POINT VICENTE TO PORT HUENEME, CALIFORNIA



MHW 1:15,000
 74-L-1873-1879
 1860-1867
 1851-1857
 1840-1849

MLLW 1:15,000
 74-L-1666-1672
 1659-1664
 1648-1657
 1641-1646



JOB CM-7404
 POINT VICENTE TO
 PORT HUENEME, CALIFORNIA

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	GEODETTIC DATUM		COORDINATES IN FEET STATE _____ ZONE _____	NA 1927	ORIGINATING ACTIVITY		REMARKS FORWARD BACK
					CM-7404	Geographic Position ϕ LATITUDE λ LONGITUDE			Division, Norfolk, Va.	Coastal Mapping Norfolk, Va.	
TP-00781	LINE, 1927	341183 1045	Quad 183 1045				X=	ϕ 34 02 57.137	λ 118 56 38.362	1760.4 (88.3)	
											Y=
	SEQUIS, 1927	341183 1062	Quad 183 1062				X=	ϕ 34 03 41.658	λ 118 58 07.433	1118.8 (729.9)	
											Y=
	HOUSTON, 1927	341183 1040	Quad 183 1040				X=	ϕ 34 03 41.658	λ 118 58 07.433	1283.5 (565.2)	
											Y=
							X=	ϕ	λ		
							Y=	ϕ	λ		
							X=	ϕ	λ		
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COMPILATION REPORT

TP-00781

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter. Delineation of the mean high and mean lower low water lines was accomplished by selecting common points on both the MHW & MLLW ratios where possible. In areas where common points could not be located, separate pass points were selected and both sets dropped from the instrument. These features were then graphically delineated. The tonal quality of the mean high water ratios was not good.

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.

36. OFFSHORE DETAILS:

None.

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 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 USGS Quadrangle Triunfo Pass, California, 7½ series (1:24,000) dated 1949 with photo revision in 1967.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with National Ocean Survey Chart 18720, 1:232,188 scale, 17th edition, dated Sept. 1974.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None

Submitted by:

Albert C. Rauck, Jr. For
J. R. Minton
Cartographic Technician
November 26, 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-00781

Arroyo Sequit ✓	✓ Pacific Ocean
Bass Rock ✓	✓ Sequit Point
Deer Canyon ✓	✓ Solromar
Little Sycamore Canyon ✓	✓ Willow Creek

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 -00781			
1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
ALS	ALS	ALS	ALS
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
ALS	NA		NA
8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
NA	NA	ALS	ALS
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
ALS	ALS	ALS	NA
16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
NA	NA	ALS	ALS
PHYSICAL FEATURES			
20. WATER FEATURES	21. NATURAL GROUND COVER		22. PLANETABLE CONTOURS
ALS	NA		NA
23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
NA	NA	NA	ALS
CULTURAL FEATURES			
27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
ALS	ALS	ALS	ALS
BOUNDARIES			
31. BOUNDARY LINES		32. PUBLIC LAND LINES	
NA		NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES	34. JUNCTIONS		35. LEGIBILITY OF THE MANUSCRIPT
ALS	ALS		ALS
36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
ALS	ALS	NA	ALS
40. REVIEWER <i>A. L. Shands</i> A. L. Shands 12/2/75		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 <i>John D. Roderick</i> A. L. Shands	7/20/76 7/21/76	SUPERVISOR <i>Albert C. Rauck, Jr.</i> A. C. Rauck, Jr.	
43. REMARKS			
See form 76-36C, field edits section II, items 4 and 8 for field edit sources.			

FIELD EDIT REPORT

MAP TP-00781

ARROYO SEQUIT

APRIL 1976

Field edit of map TP-00781 was completed by LTJG G.P. Kosinski, ENS S.L. Poole, and ENS S. Garb 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 was generally sand beach punctuated by patches of ledge and boulders. West of longitude $118^{\circ}58'00''$, the offshore areas were generally foul as indicated on the ozalid. 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. Forms 526 are submitted for stations LINE 1927 and SEQUIS 1927. Searches on several days by the field editor failed to confirm the existence of the offshore rock at approximately $34^{\circ}03'30''N$, $118^{\circ}58'45''W$; its existence is unlikely, but should probably be investigated by the future field editor working on the adjoining manuscript to the west, map TP-00780, which was not started in April, 1976. A hazardous foul zone, lying offshore between longitudes $118^{\circ}57'00''W$ and $118^{\circ}52'30''W$, is noted by breakers over a patch of submerged ledge. Refer to the ozalid for delineation. A copy of form 76-40 describing landmarks verified visually is attached.

ADEQUACY OF COMPILATION

Compilation of this map is generally good. Kelp lines, bluffs, and fore-shore detail required only minor corrections. It should be noted that kelp harvesting operations were in progress at the time of field edit, which may change the kelp line in the future.

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

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	R. E. Alderman, Chief of Party G. P. Kasinski
POSITIONS DETERMINED AND/OR VERIFIED	" " " "
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	J. D. Roderick
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

REVIEW REPORT

TP-00781
SHORELINE

February 27, 1979

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with a copy of T-4831 and T-4832, each 1:10,000 scale, dated 1933. They are the latest registered surveys of the area.

Several reef, ledge and foul areas recommended for charting by the field editor are not shown on T-4831. There is no photogrammetric evidence of the existence of the retaining walls shown on T-4832 at long. $118^{\circ}58.2'$ and $118^{\circ}58.7'$. TP-00781 supersedes T-4831 and T-4832 for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with USGS Quadrangle, Triunfo Pass, California, 1:24,000 scale dated 1949. There are no significant differences.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with a copy of Final Verified Smooth Sheet H-9600 (FA-10-5-76). There are no significant differences.

65. COMPARISON WITH NAUTICAL CHARTS:

The map was compared with Chart 18740, 1:234,270 scale, 19th edition, dated September 28, 1974. 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. Rauch Jr.

Chief, Photogrammetric Branch, AMC

Approved: *HW*

John D. Perrow Jr.

Chief, Photogrammetric Branch

James L. ...

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

