

TP-00783 ORIGINAL

TP-00783

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-00783 ..
Classification No. FINAL Edition No. 1

Field Edited Map

LOCALITY

State ... California
General Locality ... Point Vicente to
Port Hueneme
Locality ... Point Dume

19 74 TO 19 76

REGISTRY IN ARCHIVES

DATE

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

187440
18740 ✓

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va. OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		SURVEY TP. 00783 MAP EDITION NO. 1 MAP CLASS I JOB PH. CM-7404	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va. OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation Nov. 4, 1974 Compilation Jan. 8, 1975		Premarking Jan. 30, 1974 Premarking Admendment Mar. 14, 1974	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE California ZONE 5 and 7	
5. SCALE 1:10,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	
DATE			
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		B. Thornton Jan 1975	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Coradomat</u> CHECKED BY		R. Robertson Feb. 1975 R. Robertson Feb 1975	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: <u>Wild B-8</u> CONTOURS BY SCALE: <u>1:15,000</u> CHECKED BY		C. Blood May 1975 A. C. Rauck, Jr. May 1975 NA NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: <u>Smooth drafted</u> CONTOURS BY SCALE: <u>1:10,000</u> CHECKED BY HYDRO SUPPORT DATA BY		Charles Parker May 1975 F. Margiotta Jun 1975 NA NA Charles Parker May 1975 F. Margiotta Jun 1975	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		F. Margiotta Jun 1975	
6. APPLICATION OF FIELD EDIT DATA BY		A. L. Shands Jul 1976 L. C. Neterer Jr. Aug 1976	
7. COMPILATION SECTION REVIEW BY		L. O. Neterer Jr. 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-00783
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8"L"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Pacific	<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 120th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
*74L(C) 1047-1048	3/4/74	11:50	1:30,000	0.5 ft. below MLLW	
*74L(C) 1033-1035	3/4/74	11:03	1:30,000	+0.2 ft. of MLLW	
**74L(I) 2218-2221	4/5/74	08:59	1:30,000	±0.2 ft. of MHW	
**74L(I) 2224-2225	4/5/74	09:05	1:30,000	-0.2 ft. of MHW	
**74L(I) 1580-1583	3/21/74	14:38	1:30,000	+0.2 ft. of MLLW	
**74L(I) 1589-1590	3/21/74	14:55	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-00784	No survey	TP-00782

REMARKS

TP-00783
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 ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY R. Melby	Feb 1974
3. VERTICAL CONTROL	RECOVERED BY None ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None LOCATED (Field Methods) BY None IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY None	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
74I(C)1034	BIRD, 1951		

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-00783

HISTORY OF FIELD OPERATIONS

I. ☐ 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, S.L. Poole	" "
	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	
	<input type="checkbox"/> COMPLETE BY	
	<input type="checkbox"/> SPECIFIC NAMES ONLY	
	<input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY Na	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED
None2. 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 envelope of raw field edit fix data

NOAA FORM 76-36D
(3-72)

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

TP-00783
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	5/17/75	Class III manuscript	2/10/76	8/4/75
Field edit applied. Compilation complete	7/76	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 Aid for charts

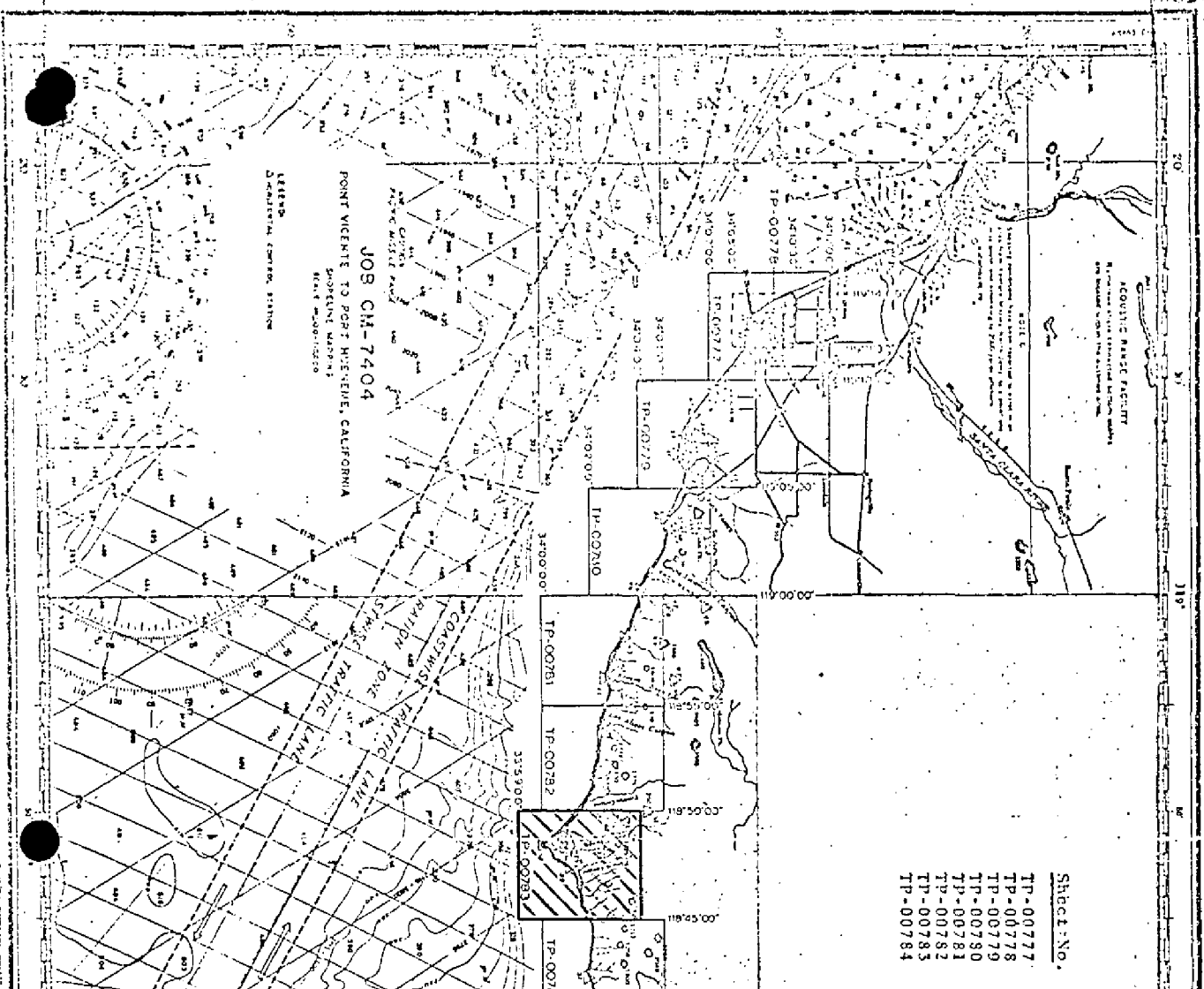
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Aug. 23, 1976
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

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



Sheet No.

- TP-00777
- TP-00778
- TP-00779
- TP-00780
- TP-00781
- TP-00782
- TP-00783
- TP-00784

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-00783

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. The 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

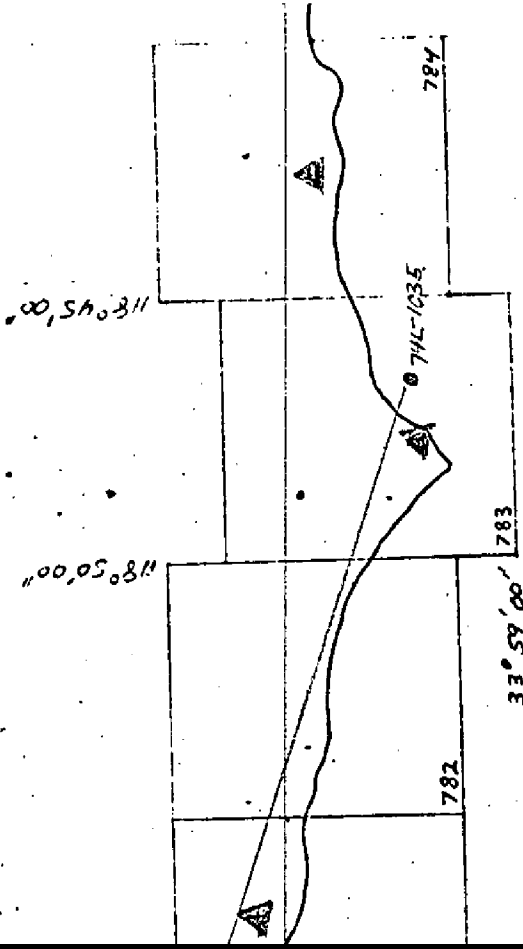
POINT X-ERROR Y-ERROR

	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

CM-7404

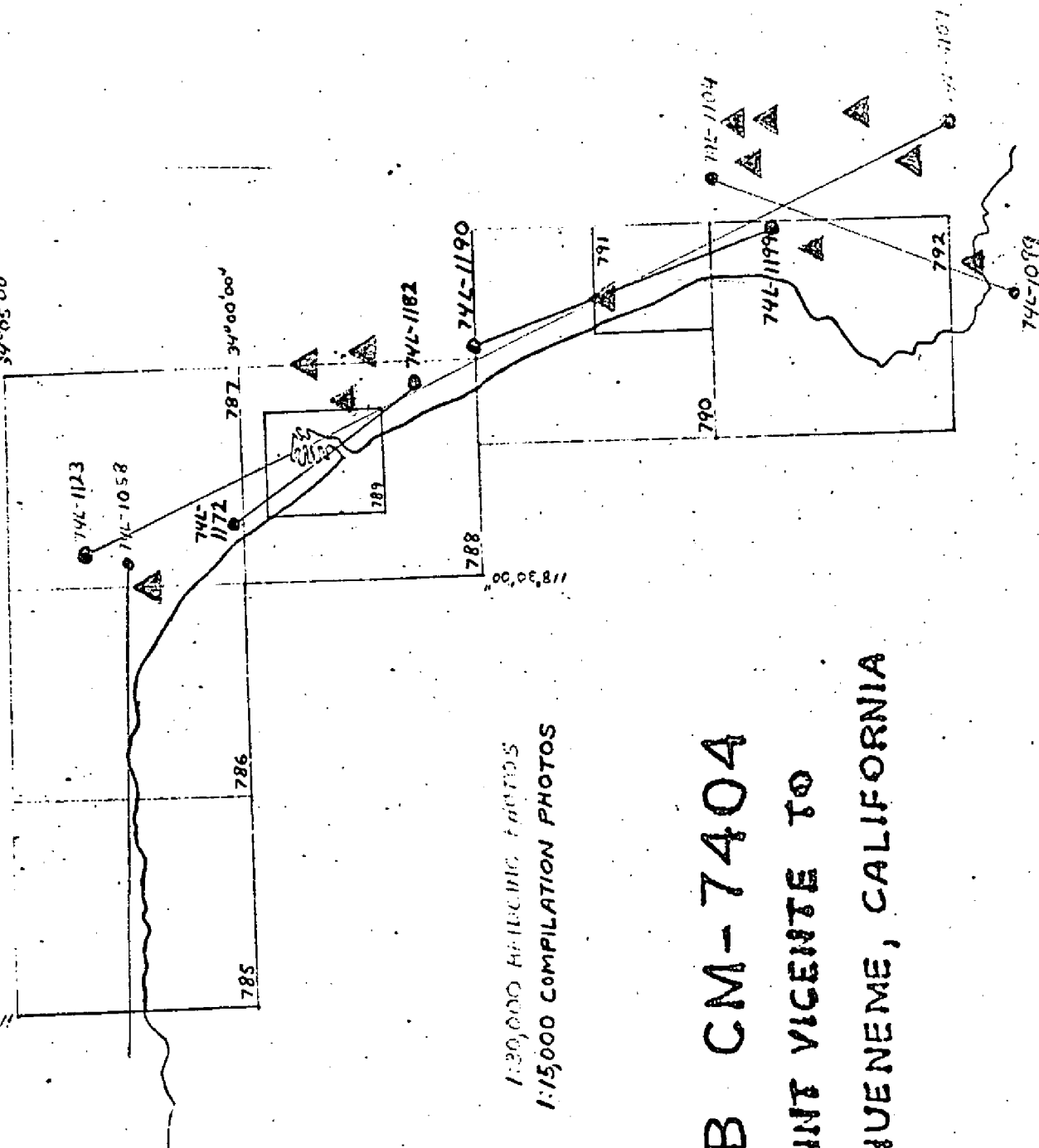
PORT HUENEME, CALIFORNIA

LOGGING PHOTOS
COMPILATION PHOTOS



118°40'00"

34°05'00"



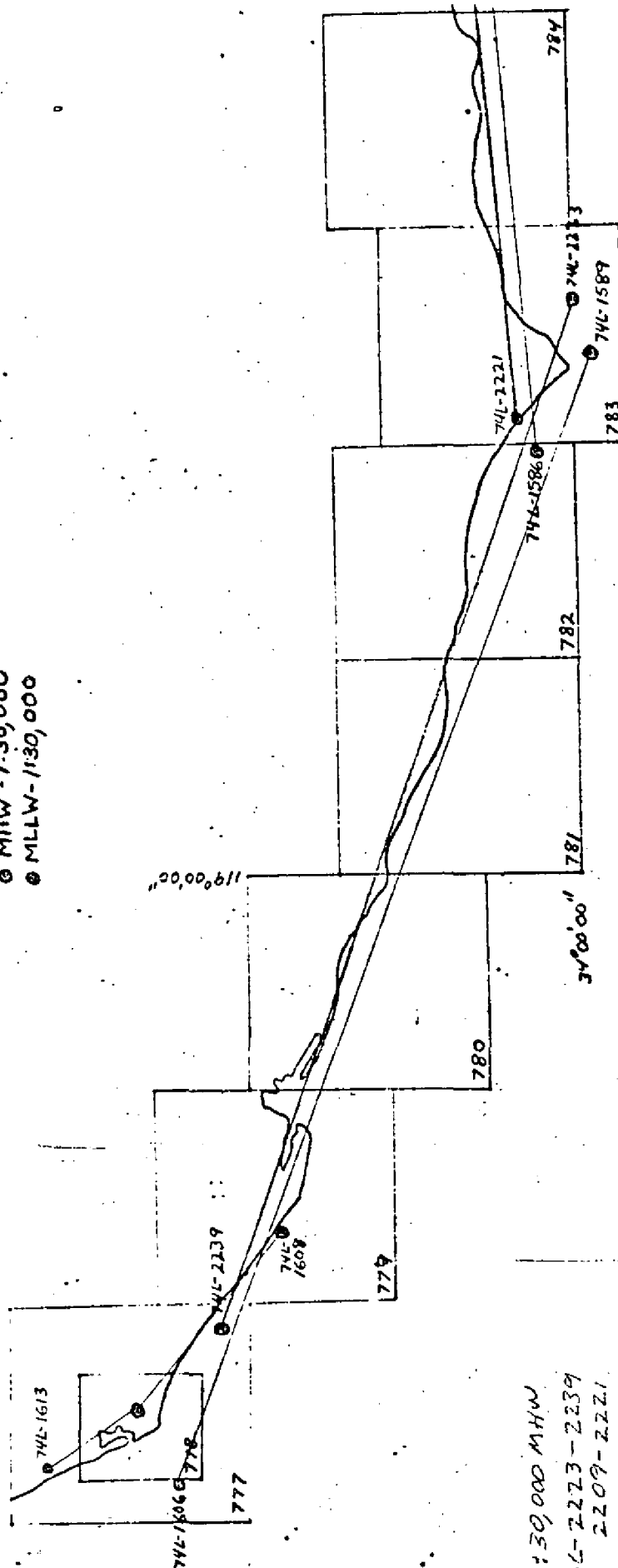
1:20,000 AERIAL PHOTO
1:15,000 COMPILATION PHOTOS

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

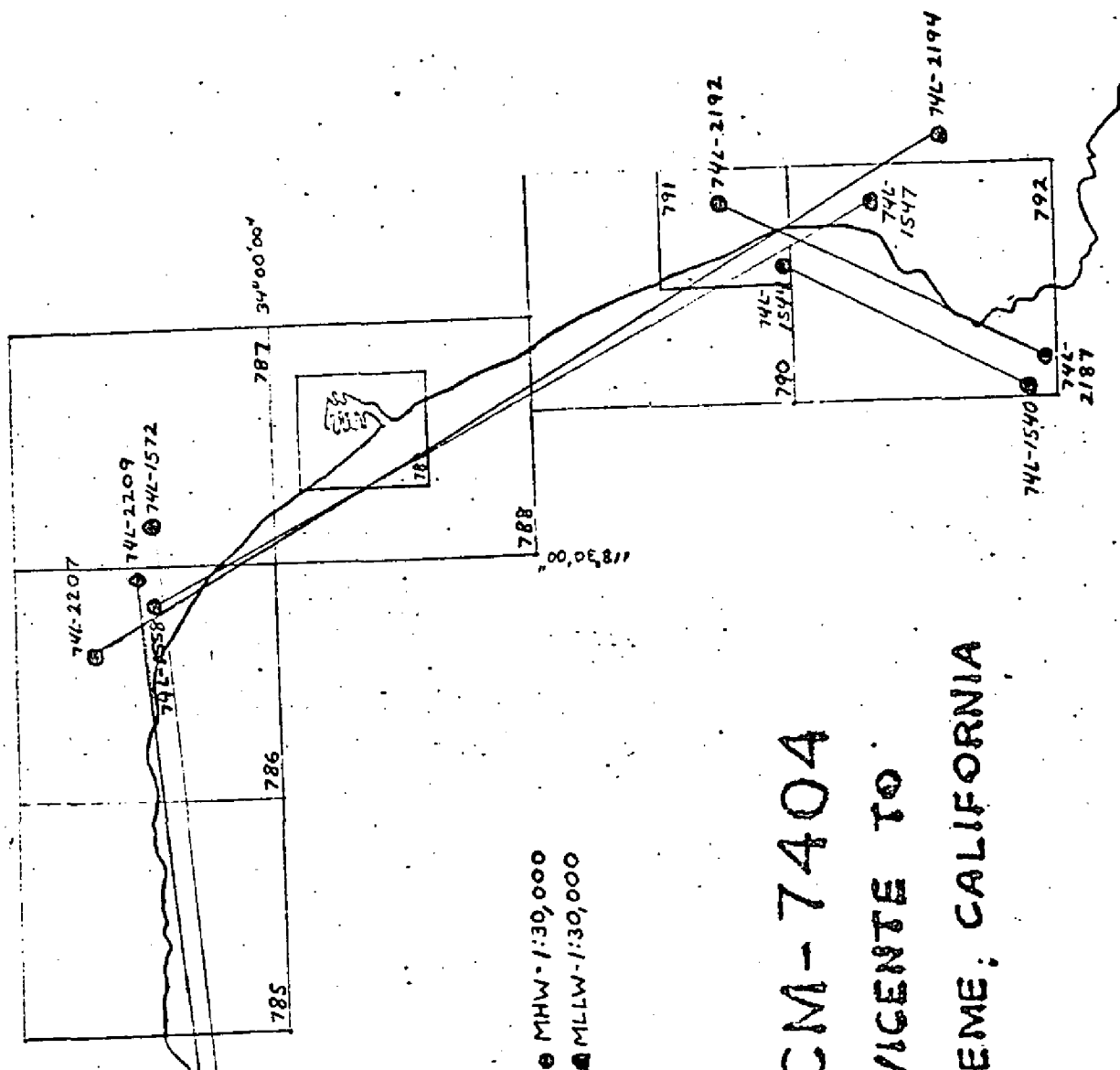


1:30,000 MHW

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

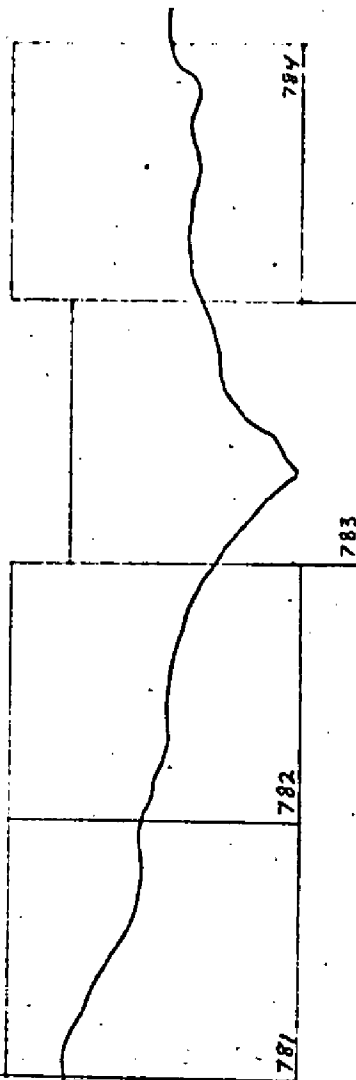


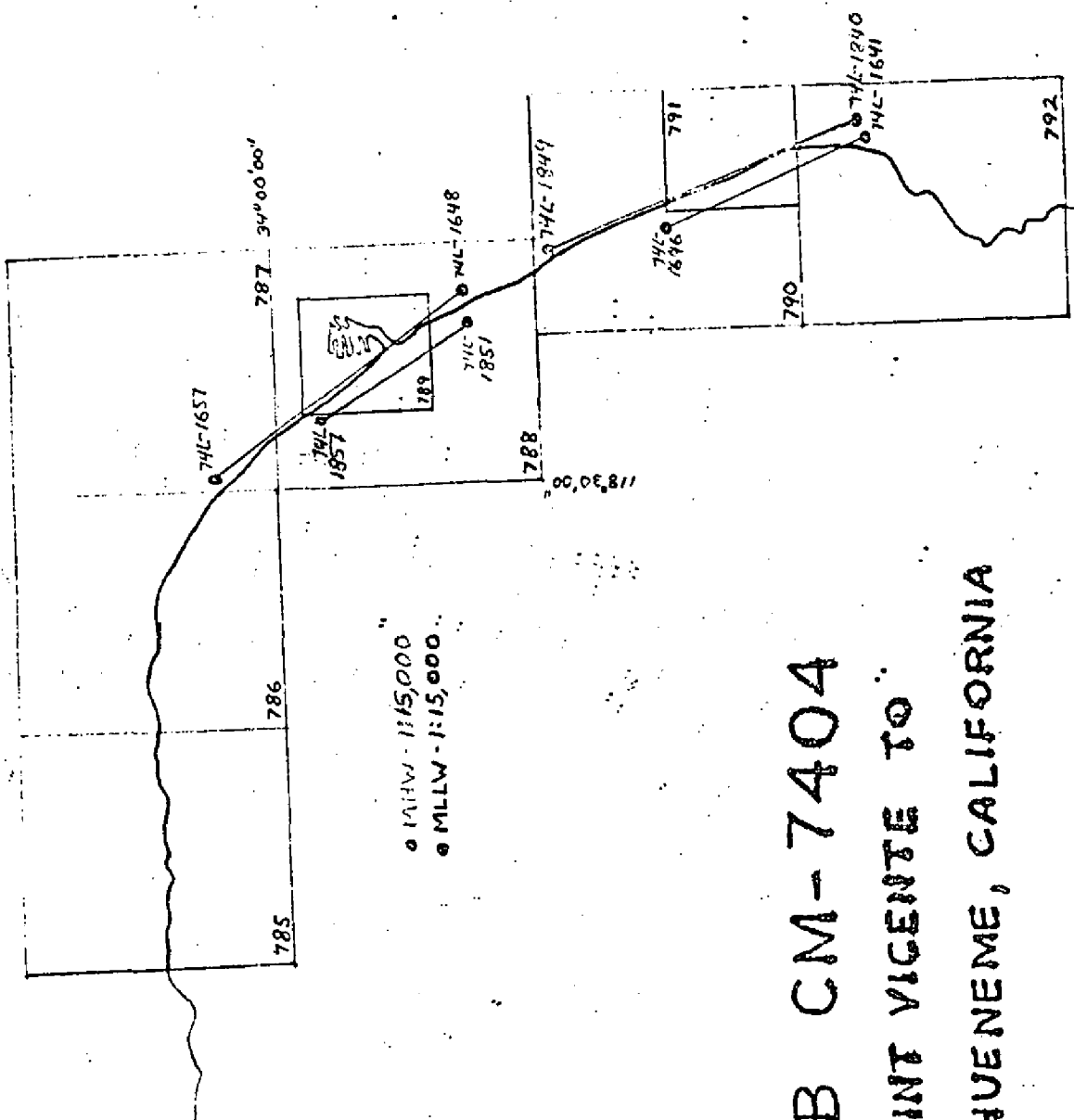
JOB CM-7404
POINT VICENTE TO
PORT HUENEME, CALIFORNIA

DB CM-7404

TO PORT HUENEME, CALIFORNIA

119-00-00





TP-00783

DESCRIPTIVE REPORT CONTROL RECORD

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

MAP NO.	JOB NO.	CM-7404	GEODETIC DATUM	NA	1927	ORIGINATING ACTIVITY	Division, Norfolk, Va.	REMARKS
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE ZONE	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE		FORWARD BACK		
BIRD, 1951	Quad 341183 1030		X=	ϕ 34 00	30.372	935.8 (912.9)		
			Y=	λ 118 48	46.295	1187.9 (351.8)		
POINT DUME OIL DERRICK, 1927	Quad 341183 1069		X=	ϕ 34 00	21.51	662.7 (1186.0)		
			Y=	λ 118 48	15.02	385.4 (1154.3)		
			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				
			X=	ϕ				
			Y=	λ				
COMPUTED BY	A. C. Rauck, Jr.	DATE	COMPUTATION CHECKED BY		DATE 2/24/75			
LISTED BY		DATE	D. Butler		DATE			
HAND PLOTTING BY		DATE	LISTING CHECKED BY		DATE			
		DATE	HAND PLOTTING CHECKED BY		DATE			

COMPILATION REPORT

TP-00783

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:

Photography is of sufficient scale a quality to allow the delineation of several offshore rocks 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 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 Point Dume, 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 17, 1975

Approved:

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

December 20, 1978

GEOGRAPHIC NAMES

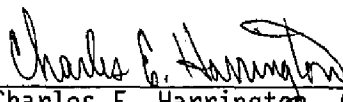
FINAL NAME SHEET

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

TP-00783

✓ Dume Cove	✓ Point Dume
✓ Escondido Beach	✓ Santa Monica Bay
✓ Escondido Canyon	✓ Walnut Canyon
✓ Malibu Riviera	✓ Westward Beach
✓ Pacific Ocean	✓ Zuma Canyon
✓ Paradise Cove	

Approved by:


Charles E. Harrington, C3x8
Chief Geographer

PHOTOGRAMMETRIC OFFICE REVIEW
TP _00783

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 FM		39. FORMS FM	
40. REVIEWER Frank Margiotta 6/75				SUPERVISOR, REVIEW SECTION OR UNIT 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 A. L. Shands 7/28/76 L. O. Neterer Jr. 8/13/76				SUPERVISOR Albert C. Rauck, Jr.			
43. REMARKS Field edit source data is listed on Form 76-360 (field edit copy)							

FIELD EDIT REPORT

MAP TP-00783

POINT DUME

MARCH-APRIL 1976

Field edit of map TP-00783 was completed by LTJG G.P. Kosinski and ENS S.L. Poole during March and 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 is foul, as indicated on the film ozalid by the field editor. Bluffs were examined from sea; those that are indicated on the ozalid by the compiler are all of landmark value. Four detached positions were taken along a reef about 2/3 mile east of Point Dume. All were visually-controlled, employing signals built over existing triangulation stations or using Pepperdine University Monument, scaled from ozalid TP-00784. A check angle was taken for the three submerged rocks; control was not adequate to provide a check angle on the reef awash. For positions of these hazards to navigation, refer to the following Table of Field Edit Fixes. The privately-maintained fog signal at the end of the Paradise Cove Pier was located by taping the distance from the seaward corners of the pier to the horn. The position of the signal is listed on form 76-40, attached. Forms 526 are submitted for TRESTLE 1933, BIRD 1951, POINT DUME RESET 1947, and POINT DUME OIL DERRICK 1927. The kelp line as delineated was determined by hydrographic survey launches that either terminated sounding lines at 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. The delineation of the ledge in some areas was incorrect as compiled; this too has 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

MAP TP-00783
TABLE OF FIELD EDIT FIXES

<u>Fix Number</u>	<u>Object</u>	<u>Position</u>
86-01 ✓	Rock Submerged ✓ 6 ft at 2130Z	34°00'18.930"N ✓ 118°47'26.911"W ✓
86-02 ✓	Rock Submerged ✓ 7 ft at 2135Z	34°00'19.754"N ✓ 118°47'28.073"W ✓
86-03 ✓	Rock Submerged ✓ 6 ft at 2145Z	34°00'20.187"N ✓ 118°47'28.987"W ✓
98-01 ✓	Center of Reef ✓ Awash at 1830Z	34°00'21.34"N ✓ 118°47'31.66"W ✓

✓LM

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	R. E. Alderman
POSITIONS DETERMINED AND/OR VERIFIED	G. P. Kosinski & S. L. Poole A. L. Shands
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOC	
(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 entry of met date of fiel graph used to EXAMPLE: P- 8- 74
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 When a landmar angulation sta Rec.' with dat EXAMPLE: Tria 8-12- III. POSITION VERIFIED Enter 'V-Vis.' EXAMPLE: V-VT 8-12- **PHOTOGAMMETRIC entirely, or in p by photogrammetri
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

REVIEW REPORT

TP-00783
SHORELINE

February 15, 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-9599 (FA-10-4-76). There are no significant differences.

65. COMPARISON WITH NAUTICAL CHARTS:

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

Approved for forwarding

Albert C. Rando Jr.

Chief, Photogrammetric Branch, AMC

Approved *SW**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

