

TP-00789

ORIGINAL

TP-00789

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-00789 .....  
Classification No. Final ..... Edition No. 1 .....  
Field Edited Map

### LOCALITY

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

1974 TO 1975

### REGISTRY IN ARCHIVES

DATE .....

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

12744 ✓  
18740 ✓

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va.		SURVEY TP. <u>00789</u>  MAP EDITION NO. <u>(1)</u>  MAP CLASS <u>Final</u>  JOB PH. <u>CM-7404</u>	
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__	
<b>I. INSTRUCTIONS DATED</b>			
1. OFFICE		2. FIELD	
Aerotriangulation 11/04/74 Compilation 01/08/75		Premarking 1/30/74  Premarking Amendment I 3/14/74	
<b>II. DATUMS</b>			
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 ZONE California 5 and 7	
5. SCALE 1:5,000		STATE ZONE	
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
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 R. Robertson	Feb 1975 Feb 1975
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: <u>Wild B-8</u> SCALE: <u>1:7,500</u> CONTOURS BY CHECKED BY		L. O. Neterer, Jr. J. Byrd NA NA	Apr 1975 Apr 1975  
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: <u>Smooth drafted</u> CONTOURS BY CHECKED BY SCALE: <u>1:5,000</u> HYDRO SUPPORT DATA BY CHECKED BY		D. Butler F. Margiotta NA NA David Butler F. Margiotta	Apr 1975 Jun 1975   Apr 1975 Jun 1975
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		F. Margiotta	Jun 1975
6. APPLICATION OF FIELD EDIT DATA BY		L. O. Neterer Jr.	Apr 1976
7. COMPILATION SECTION REVIEW BY		A. L. Shands	Apr 1976
8. FINAL REVIEW BY		A. L. Shands	Jan 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 SURVEY

TP-00789  
COMPILATION SOURCES

CAMERA(S)

Wild RC-8 "L"

TYPES OF PHOTOGRAPHY  
LEGEND

TIME REFERENCE

TP-00789

## 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 ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
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	None None 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	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)

None

TP-00789  
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 FAIRWEATHER personnel	Oct 1975
	ESTABLISHED BY NONE	
	PRE-MARKED OR IDENTIFIED BY None	
3. VERTICAL CONTROL	RECOVERED BY None	
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None	
	LOCATED (Field Methods) BY FAIRWEATHER personnel	Oct 1975
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	<input type="checkbox"/> COMPLETE BY	
	<input type="checkbox"/> SPECIFIC NAMES ONLY	
	<input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY J. A. Sowers	Oct 1975
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

74L(I) 1554, 1650-52 74L(C) 1176-78

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-00789 (Field Edit copy); and Field Edit Report, OPR-411-FA-75,  
Map TP-00789

TP-00789  
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	Apr 1975	Class III manuscript superseded	2/10/76	6/13/75
Field edit applied Compilation complete	Apr 1976	Class I manuscript	4/27/76	
Final Review	Jan 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		5/19/76	1 Aid to be deleted.
13		5/19/76	28 Aids to be charted

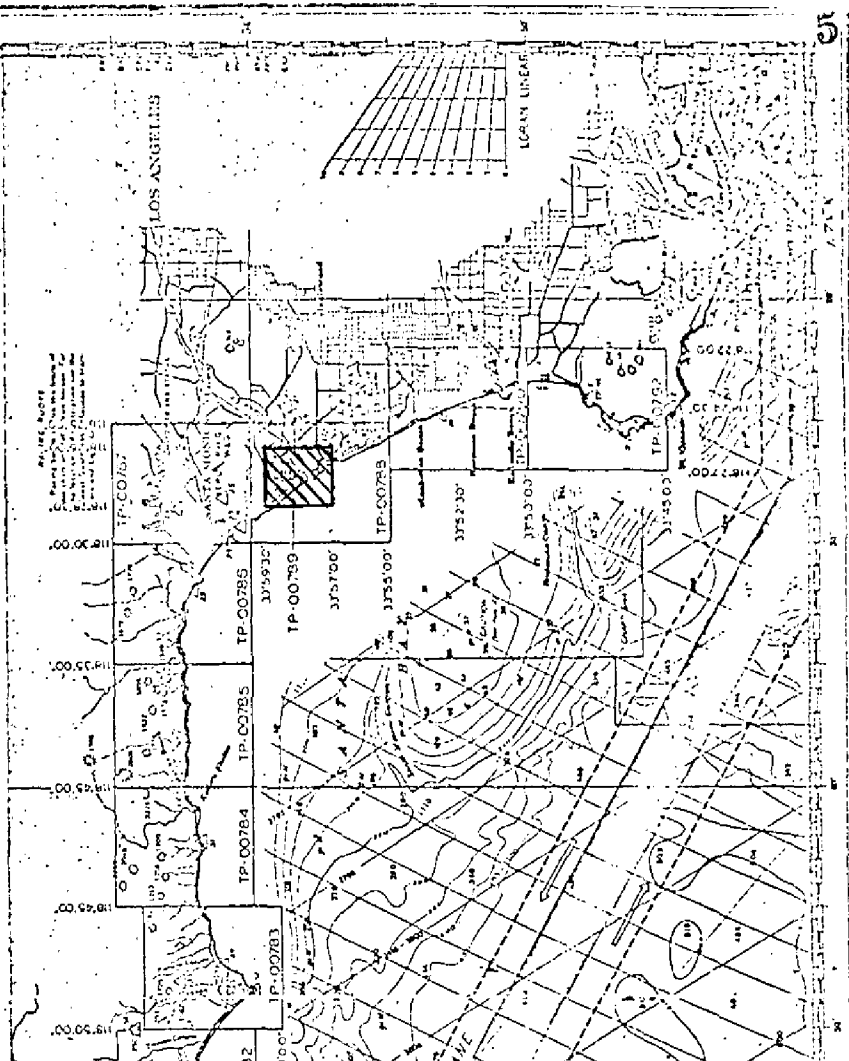
2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: May 19, 19763. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED:

## 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

# OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No.	Area Sq. Miles	Sheet No.	Area Sq. Miles
TP-00777	3	TP-00785	3
TP-00778	2	TP-00786	3
TP-00779	3	TP-00787	1
TP-00780	3	TP-00788	3
TP-00781	3	TP-00789	2
TP-00782	3	TP-00790	3
TP-00783	3	TP-00791	2
TP-00784	3	TP-00792	3
		<b>Total</b>	<b>35</b>



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

- Field inspection was limited to the recovery and identification of horizontal control for bridging and ground support for the acquisition of tide coordinated infrared photography.

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

89

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
--------	-------	-------

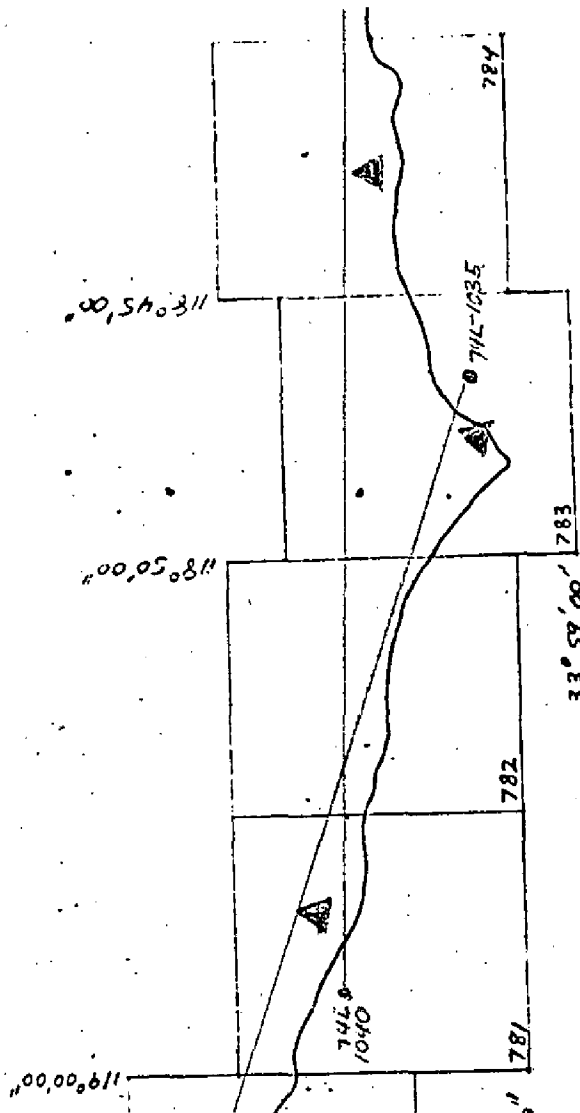
111801	1.078	.017
--------	-------	------

DB CM-7404

E TO PORT HUENEME, CALIFORNIA

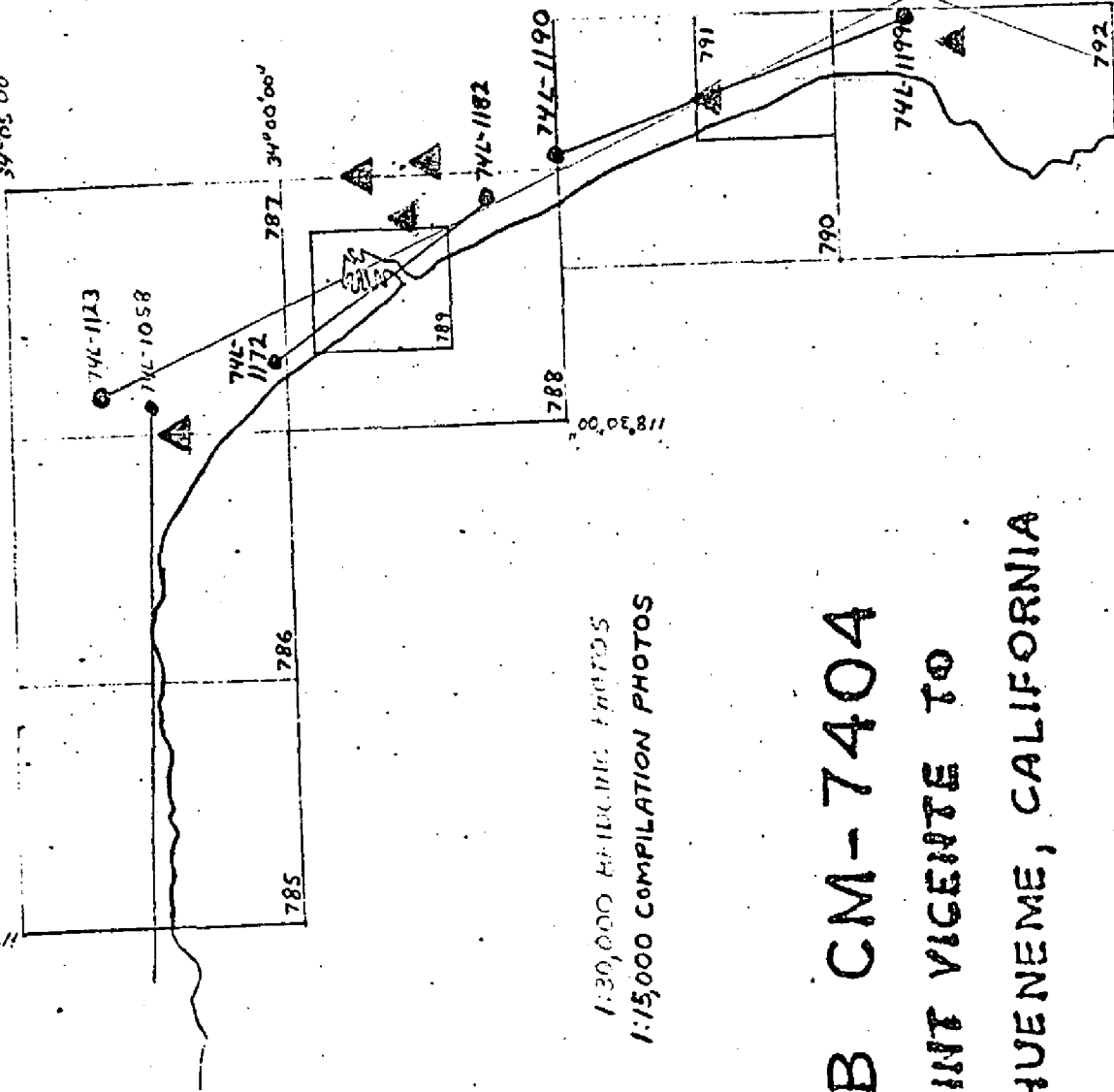
130,000 BRIDGING PHOTOS

115,000 COMPILATION PHOTOS



118°40'00"

34°05'00"



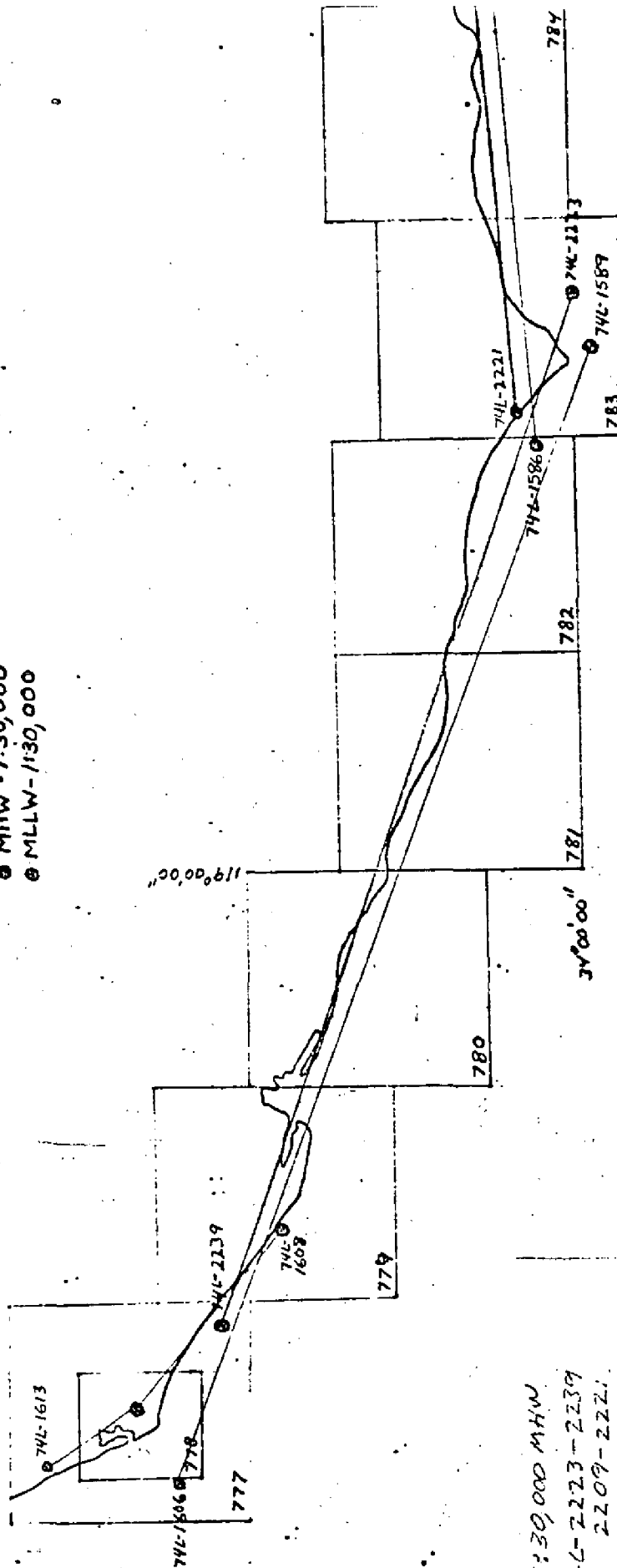
1:30,000 REBUILDING PHOTOS  
1:15,000 COMPILATION PHOTOS

# JOB CM-7404 POINT VICENTE TO PORT HUENEME, CALIFORNIA

# JOB CM-7404

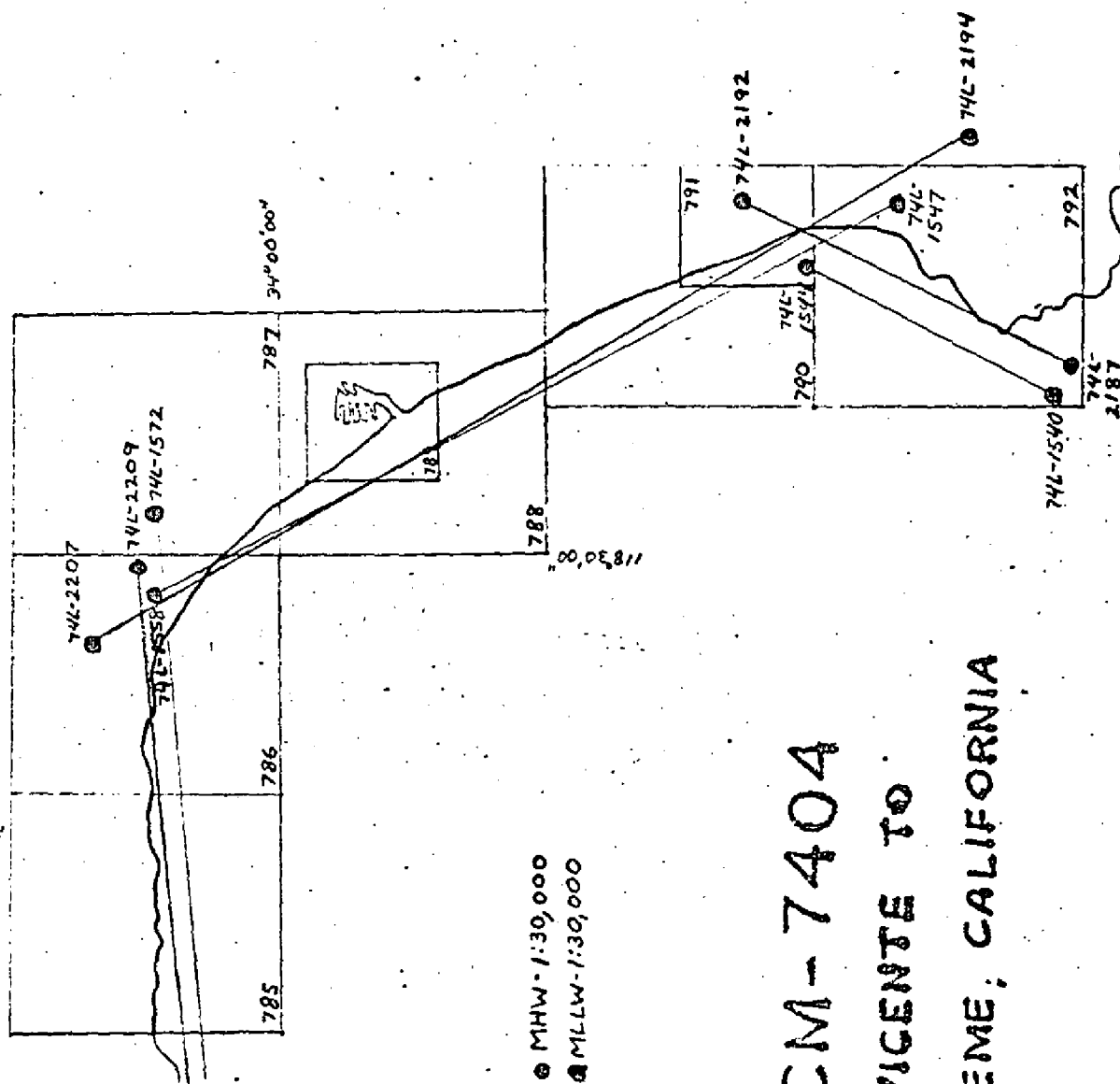
## POINT VICENTE TO PORT HUENEME, CALIFORNIA

● MHW - 1:30,000  
● MLLW - 1:30,000



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

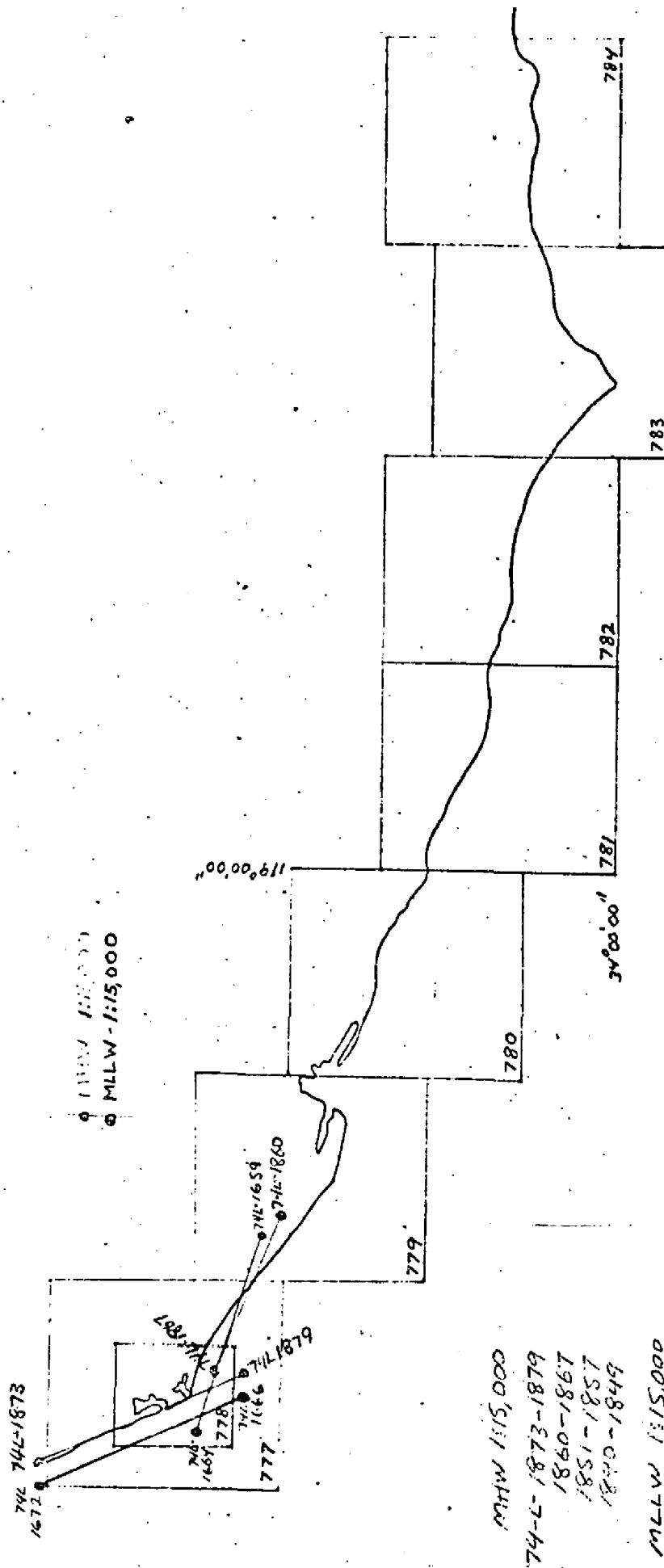
1:30,000  
74-L-1608-1613  
1589-1606  
1572-1586  
1547-1558  
1540-1544



# JOB CM-7404 POINT VICENTE TO PORT HUENEME, CALIFORNIA

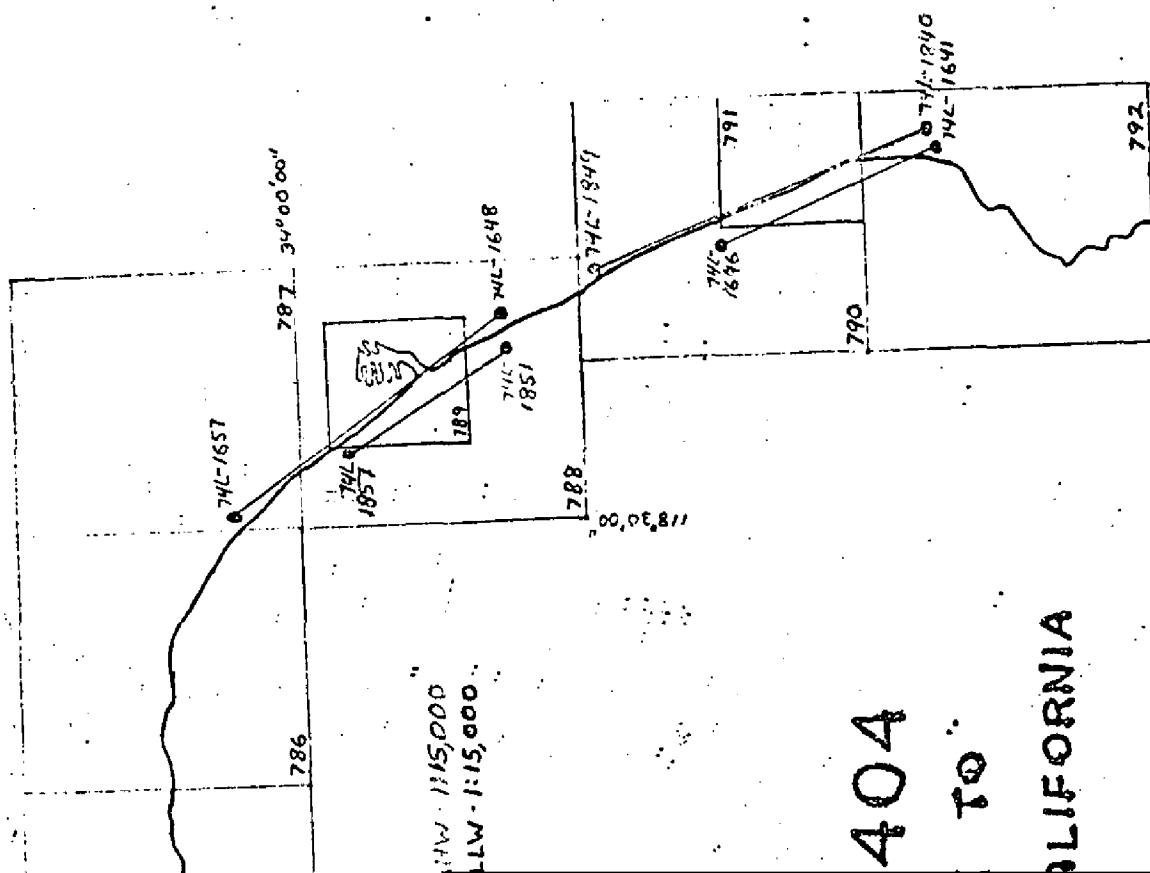
MHW-1:30,000  
 MLLW-1:30,000

POINT VICENTE TO PORT HUENEME, CALIFORNIA



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404

TO

CALIFORNIA

## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	NA	1927	ORIGINATING ACTIVITY	Division, Norfolk, Va.	REMARKS
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE ZONE	GEOGRAPHIC POSITION $\phi$ LATITUDE $\lambda$ LONGITUDE	Division, Norfolk, Va.	REMARKS	
NONE			X=	$\phi$		FORWARD	
			Y=	$\lambda$		BACK	
			X=	$\phi$			
			Y=	$\lambda$			
			X=	$\phi$			
			Y=	$\lambda$			
			X=	$\phi$			
			Y=	$\lambda$			
			X=	$\phi$			
			Y=	$\lambda$			
			X=	$\phi$			
			Y=	$\lambda$			
COMPUTED BY		DATE	COMPUTATION CHECKED BY		DATE		
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-00789

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:15,000 scale color photography. Common pass points were dropped to the 1:5,000 scale tide-coordinated infrared photography from which the mean high and mean lower low water lines were compiled.

32. CONTROL:

See the Photogrammetric Plot Report, dated Jan., 1975.

33. SUPPLEMENTAL DATA: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:

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 76-36b, item #5 concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with USGS Quadrangle Venice, California, scale 1:24,000, dated 1964.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with National Ocean Survey chart 18301, scale 1:40,000, 18th edition, dated May 4, 1974. (inset-scale 1:10,000-covers area of this manuscript)

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  
April 18, 1975

Approved:

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

December 20, 1978

GEOGRAPHIC NAMES

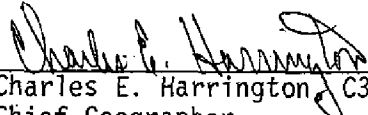
FINAL NAME SHEET

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

TP-00789

✓ Ballona Creek	✓ Pacific Ocean
✓ Ballona Lagoon	✓ Playa del Rey
✓ Del Ray Lagoon	✓ Santa Monica Bay
✓ Los Angeles	✓ Venice
✓ Marina del Rey	✓ Venice Beach

Approved by:

  
Charles E. Harrington C3x8  
Chief Geographer

NOAA FORM 75-74 (7-75)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
TP -00789			
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 Mangiotta</i> Frank Mangiotta 6/2/75		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>L. O. Neterer Jr.</i> L. O. Neterer Jr. 4/76		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	

## FIELD EDIT REPORT

MAP TP-00789

VENICE BEACH

OCTOBER 1975

Field edit of map TP-00789 was done by Lcdr Joseph A. Sowers and Ens Gregory P. Kosinski during October 1975. Field inspection of the area was done at various stages of the tide by land vehicle and skiff.

METHOD

Photographs and a copy of the field edit ozalid were examined in the field. Photogrammetric techniques were used for location of features in question. The shore was regular sandy beach and manmade harbor quay walls with unfouled foreshore area, requiring no verification of the existence of rocks, reefs, etc. All times were based on Greenwich Mean Time.

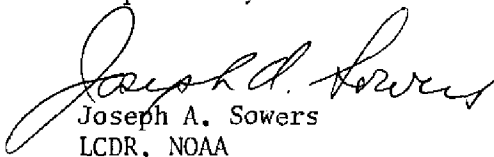
ADEQUACY OF COMPILATION

Compilation of this map was good. The hydrography for the harbor in this area is presently underway by the Los Angeles County Department. Field inspection of this map is complete.

RECOMMENDATIONS

It is recommended that this map be revised in accordance with the notes on the ozalid and photographs, and then be accepted as an advanced manuscript. As a matter of routine, it is recommended that 1:10,000 scale reductions be forwarded with any 1:5000 scale T-sheets. They are a necessary item for ease of transferring shoreline to adjacent hydrographic boat sheets.

Respectfully submitted:

  
Joseph A. Sowers  
LCDR, NOAA



[illegible]

Original to charts May 19, 1976

NOAA FORM 76-40 (8-74) Replaces C&GS Form 367.										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NONFLOATING AIDS <del>FOR CHARTS</del>										ORIGINATING ACTIVITY			
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED		REPORTING UNIT (Field Party, Ship or Office) Coastal Mapping Div., A.M.C. Norfolk, Va.		STATE California		LOCALITY Point Vicente to Port Hueneume		DATE Mar. 1976		<input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel)													
OPR PROJECT NO. 411		JOB NUMBER CM-7104		SURVEY NUMBER TP-00789		DATUM N.A. 1927		POSITION		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED											
CHARTING NAME		DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)		LATITUDE ° / ' D.M. Meters		LONGITUDE ° / ' D.P. Meters		OFFICE		FIELD		CHARTS AFFECTED											
LIGHT	Marina Del Rey Breakwater South Light 1	33 57	30.02	118 27	34.47	885					F-V-Vis. Oct. 1975	5101 5144											
LIGHT	Marina Del Rey Breakwater North Light 2	33 57	48.65	118 27	48.49	1245					"	"											
LIGHT	Marina Del Rey Light 3	33 57	46.06	118 27	39.18	1006					"	"											
LIGHT	Marina Del Rey Light 4	33 57	37.84	118 27	33 50	860					"	"											
RADIO BEACON	Marina Del Rey Marker Radiobeacon	33 57	50.47	118 27	29.60	760					"	"											
LIGHT	Marina Del Rey Pier Light	33 58	12.33	118 26	45.18	1160					"	5144											
LIGHT	Marina Del Rey Light 5	33 58	17.40	118 26	54.65	1403					L-5-Vis. Oct. 1975	"											
LIGHT	Marina Del Rey Light 7	33 58	19.83	118 26	54.54	1400					"	"											
LIGHT	Marina Del Rey Light 9	33 58	21.94	118 26	54.65	1403					"	"											
LIGHT	Southerly of two red lights. No name submitted. (Not charted or listed)	33 58	23.47	118 26	45.03	1156					"	"											

Original to charts May 19, 1976

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION									
UNFLOATING AIDS <del>ON CHARTS</del> FOR CHARTS									
UNIT (Ship or Office)	STATE	LOCALITY	DATE	ORIGINATING ACTIVITY					
Mapping Div., Norfolk, Va.	California	Point Vicente to Port Hueneme	Mar. 1976	<input type="checkbox"/> HYDROGRAPHIC PARTY	<input type="checkbox"/> GEODETIC PARTY	<input type="checkbox"/> PHOTO FIELD PARTY	<input checked="" type="checkbox"/> COMPILATION ACTIVITY	<input type="checkbox"/> FINAL REVIEWER	<input type="checkbox"/> QUALITY CONTROL & REVIEW GRP.
VE NOT <input type="checkbox"/> been inspected from seaward to determine their value as landmarks.				<input type="checkbox"/> COAST PILOT BRANCH	(See reverse for responsible personnel)				
SURVEY NUMBER TP-00789				DATUM N.A. 1927				METHOD AND DATE OF LOCATION (See instructions on reverse side)	
DESCRIPTION (Name of landmark or aid to navigation. In names, where applicable, in parentheses)				POSITION		FIELD		CHARTS AFFECTED	
				LATITUDE	LONGITUDE				
				° /	° /				
				D.M. Meters	D.P. Meters				
Two red lights. No name charted or listed)	33 58	28.11	118 26	44.79		L-5-Vis. Oct. 1975		5144	
Light 10	33 58	30.77	118 26	42.54		" "		" "	
Light 11	33 58	29.37	118 26	54.77		Light moved L-5-Vis. Oct. 1975		" "	
Light 13	33 58	31.35	118 26	54.77		" "		" "	
Light 14	33 58	33.36	118 26	43.87		" "		" "	
Light 15	33 58	38.82	118 26	54.66		" "		" "	
Light 16	33 58	42.49	118 26	44.80		" "		" "	
Light 17	33 58	40.73	118 26	54.62		" "		" "	
Light 19	33 58	48.13	118 26	54.86		" "		" "	
Light 20	33 58	50.96	118 26	44.92		" "		" "	

Original to charts May 19/1976

NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.				U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION				NONFLOATING AIDS <del>ON LAND</del> FOR CHARTS				ORIGINATING ACTIVITY			
TO BE CHARTED / TO BE REVISED TO BE DELETED		REPORTING UNIT (Field Party, Ship or Office) Coastal Mapping Div., A.M.C. Norfolk, Va.		STATE California		LOCALITY Point Vicente to Port Hueneme		DATE Mar. 1976		<input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel)					
The following objects HAVE <input checked="" type="checkbox"/> HAVE NOT <input type="checkbox"/> been inspected from seaward to determine their value as landmarks.				DATUM N.A. 1927		POSITION		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED					
CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	LATITUDE		LONGITUDE		OFFICE	FIELD								
		° /	'	° /	'										
LIGHT	Marina Del Rey Light 21 ✓	33 58	50.17 1546	118 26	54.85 1408		L-5-Vis. Oct. 1975 ✓	5144 ✓							
LIGHT	Marina Del Rey Light 22 ✓	33 58	52.48 1617	118 26	46.32 1189		" "	" "							
LIGHT	Marina Del Rey Light 23 ✓	33 58	57.64 1776	118 26	54.82 1407		" "	" "							
LIGHT	Southerly of two yellow lights. No name submitted. (Not charted or listed)	33 58	19.28 594	118 26	44.96 1154		" "	" "							
LIGHT	Northerly of two yellow lights. No name submitted. (Not charted or listed)	33 58	20.19 622	118 26	44.96 1154		" "	" "							
SIGNAL	Venice Fishing Pier Fog Signal ✓	33 58	37.39 1152	118 28	10.13 260		" "	" "							
MARKER	S.E. Nautical Mile Marker	33 57	38.98 1201	118 27	43.34 1113		" "	" "							
MARKER	S.W. Nautical Mile Marker	33 57	38.82 1196	118 27	43.65 1121		" "	" "							

## REVIEW REPORT

TP-00789  
SHORELINE

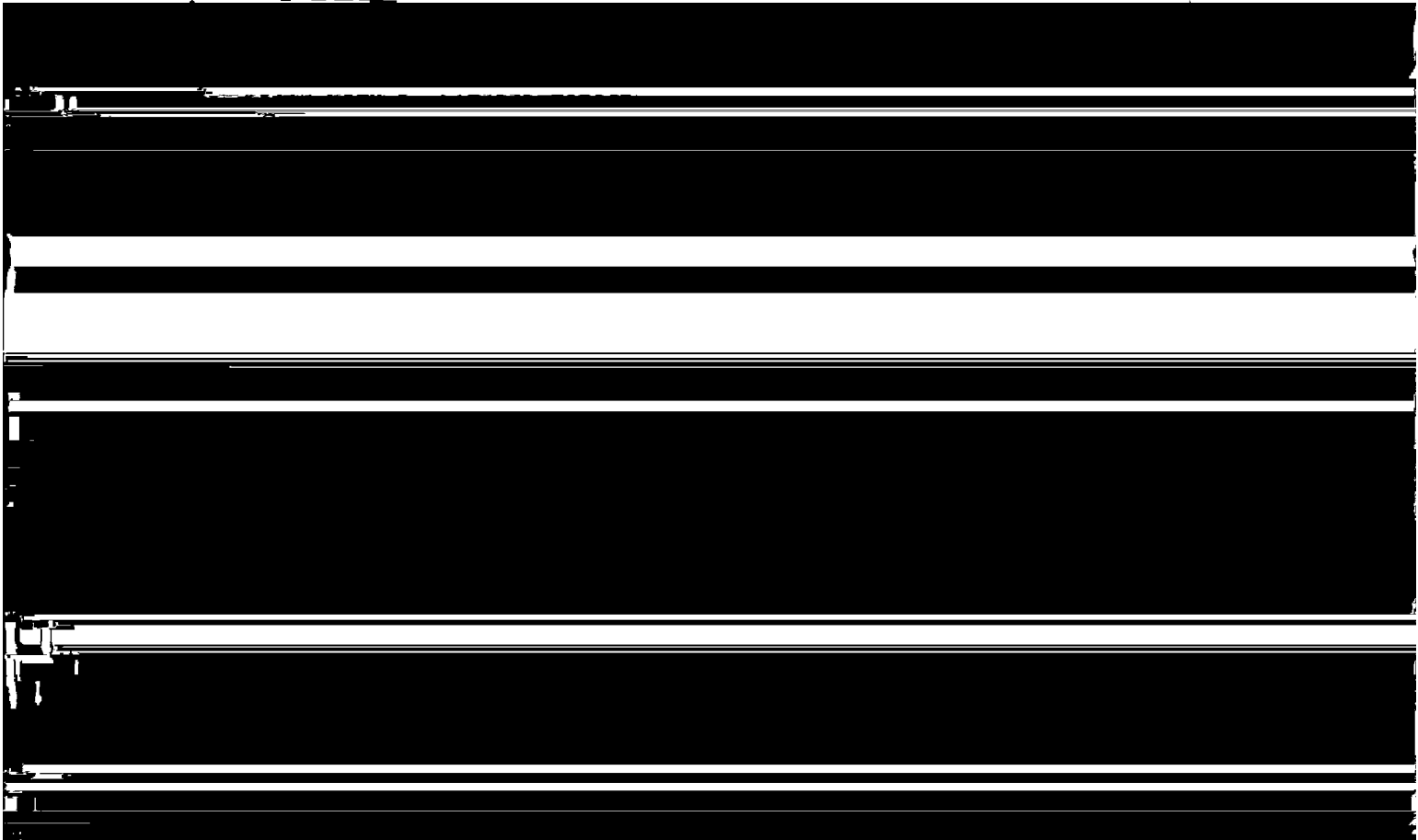
January 25, 1979

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report. Ratio photograph 74L(C) 1176, referred to on the field edit ozalid, was not available during final review.

The compilation office positioned a radio beacon on the north shore of the entrance to Marina del Rey. This position was verified by the field editor. However, the current chart and light list indicate that the radio beacon now occupies the same position as Marina del Rey Light 3.

The field editor identified a cable across the Grand Canal. He took a photograph (labeled fp - 789 - '1) of the area which revealed the existence of ruins extending across the canal at that point. The ruins were added to the map during final review.



Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

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

Approved for forwarding:

*Allan C. Pawach, Jr.*

Chief, Photogrammetric Branch, AMC

Approved: *SKW*

*John D. Perraw, Jr.*

Chief, Photogrammetric Branch

*James C. Little*

Chief, Coastal Mapping Division

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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

