

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.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ 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 ☐ ORIGINAL ☐ RESURVEY ☐ REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation 11/04/74 Compilation 01/08/75		Premarking 1/30/74 Premarking Amendment I 3/14/74	
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 1:5,000		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> SCALE: <u>1:7,500</u> CONTOURS BY CHECKED BY		L. O. Neterer, Jr. Apr 1975 J. Byrd Apr 1975 NA NA	
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 Apr 1975 F. Margiotta Jun 1975 NA NA David Butler Apr 1975 F. Margiotta 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 SURVEYTP-00789
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) 1118-1120	03/04/74	13:22	1:30,000	0.7 ft. below MLLW	
* 74L(C) 1174(I)-1178(I)	3/05/74	10:05	1:15,000	2.3 ft. above MLLW	
** 74L 1852(I)-1856(I)	04/03/74	07:28	1:15,000	+0.2 ft. of MHW	
** 74L 1650(I)-1653(I)	03/31/74	09:24	1:15,000	+0.2 ft. of MLLW	

REMARKS

*Bridge and compilation photography (predicted tides)
 **Tide coordinated photography at MHW and MLLW.

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled graphically from the above listed tide coordinated photography.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

The mean lower low water line was compiled graphically from the above listed tide coordinated photography.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
TP-00788	TP-00788	TP-00788	TP-00788

REMARKS

This 1:5,000 scale T-sheet lies within the north central portion of TP-00788.

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

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 ☐ COMPLETE ☐ 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)

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	
	☐ COMPLETE BY	
	☐ SPECIFIC NAMES ONLY	
	☒ 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.
3		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~~ ⁷⁶⁻⁴⁰ SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:

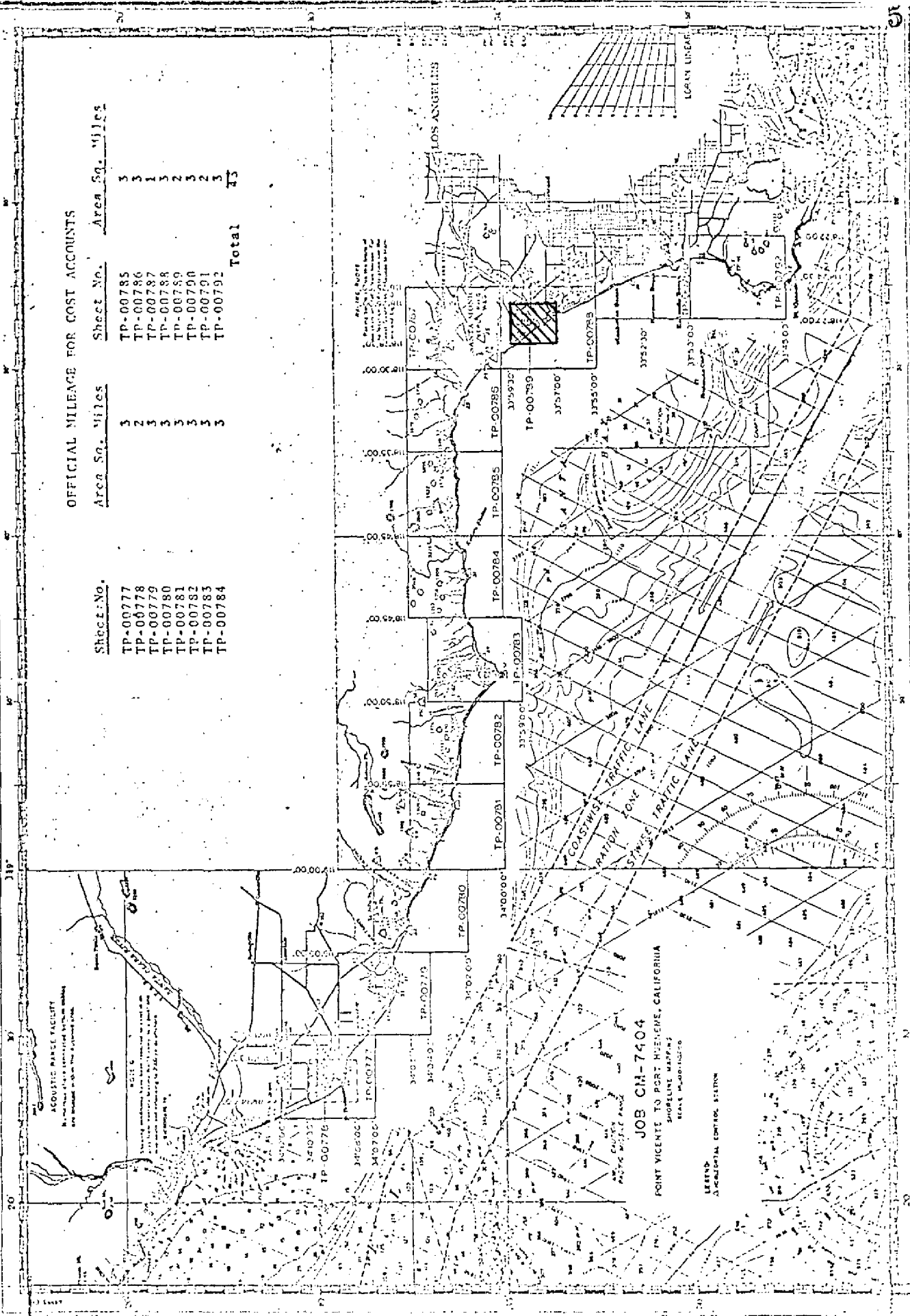
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL

OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No.	Area Sq. Miles	Sheet No.	Area Sq. Miles
TP-00777	3	TP-00785	3
TP-00778	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
		Total	35



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

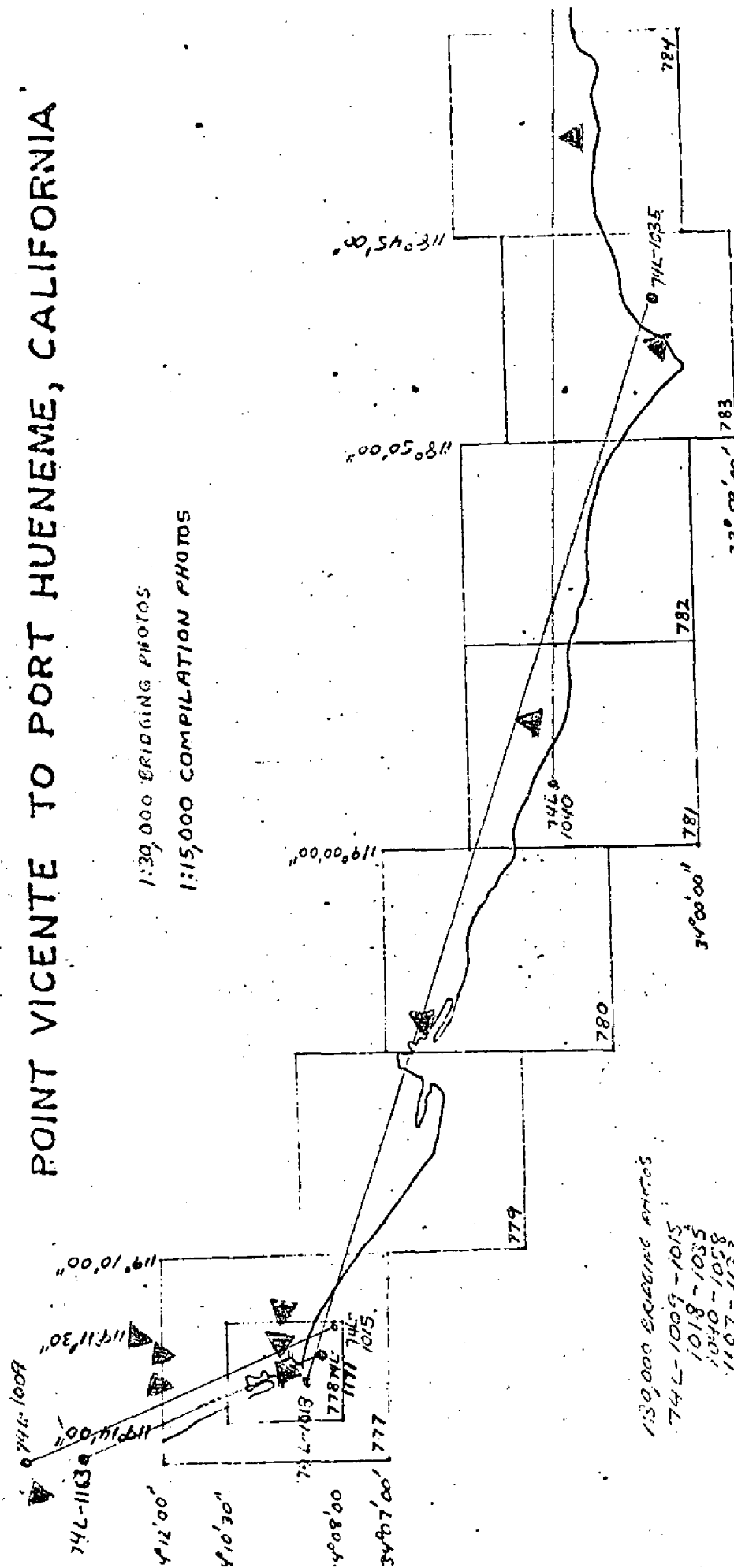
Strip #5:	99100	.001	.001
	110801	-.004	-.001
	111801	1.078	.017

JOB CM-7404

POINT VICENTE TO PORT HUENEME, CALIFORNIA

1:30,000 BRIDGING PHOTOS

1:15,000 COMPILATION PHOTOS



1:30,000 BRIDGING PHOTOS

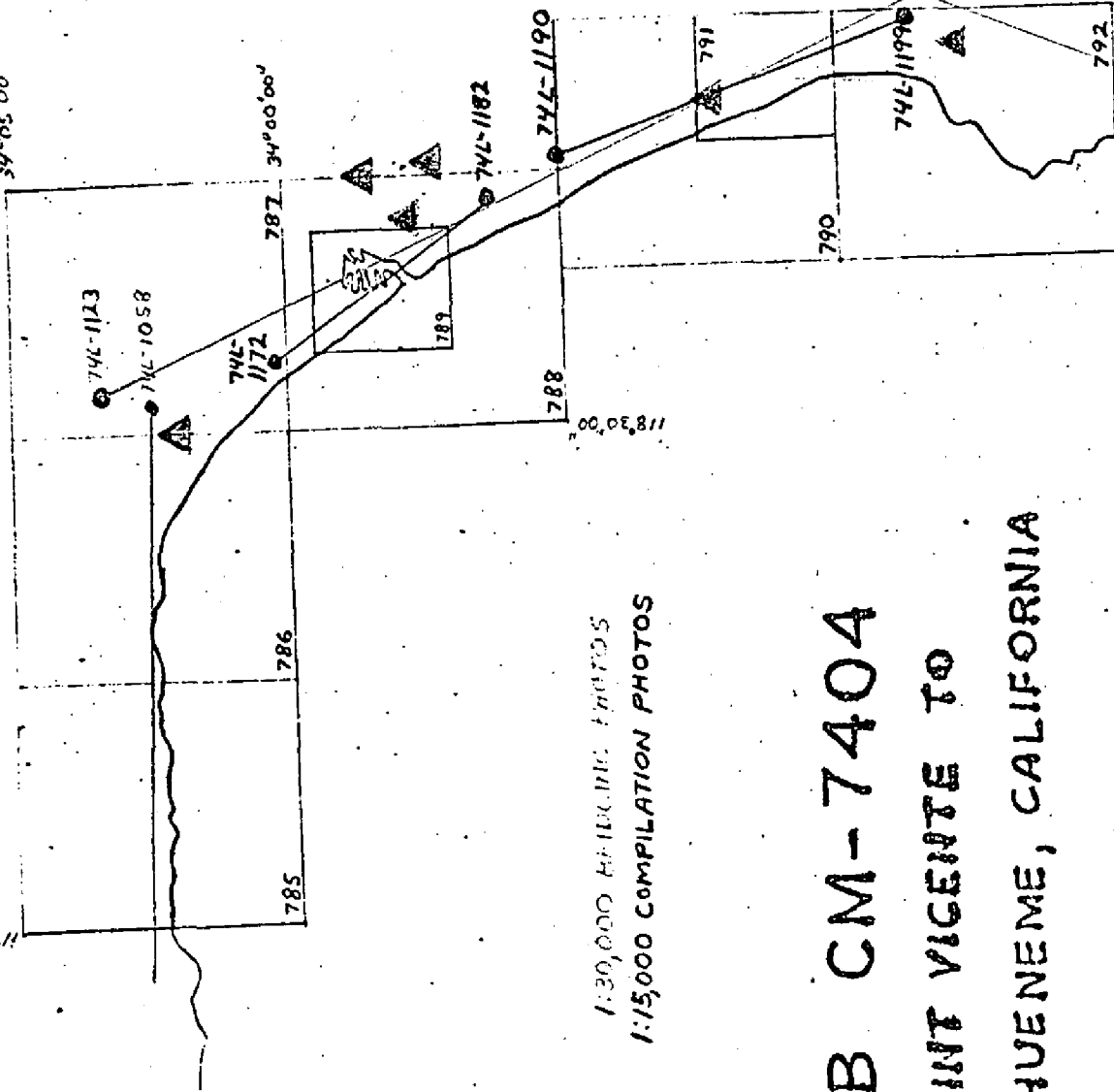
74L-1009-1015
1018-1035
1040-1058
1107-1123
1099-1104

1:15,000 COMPILATION

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

118°40'00"

34°05'00"



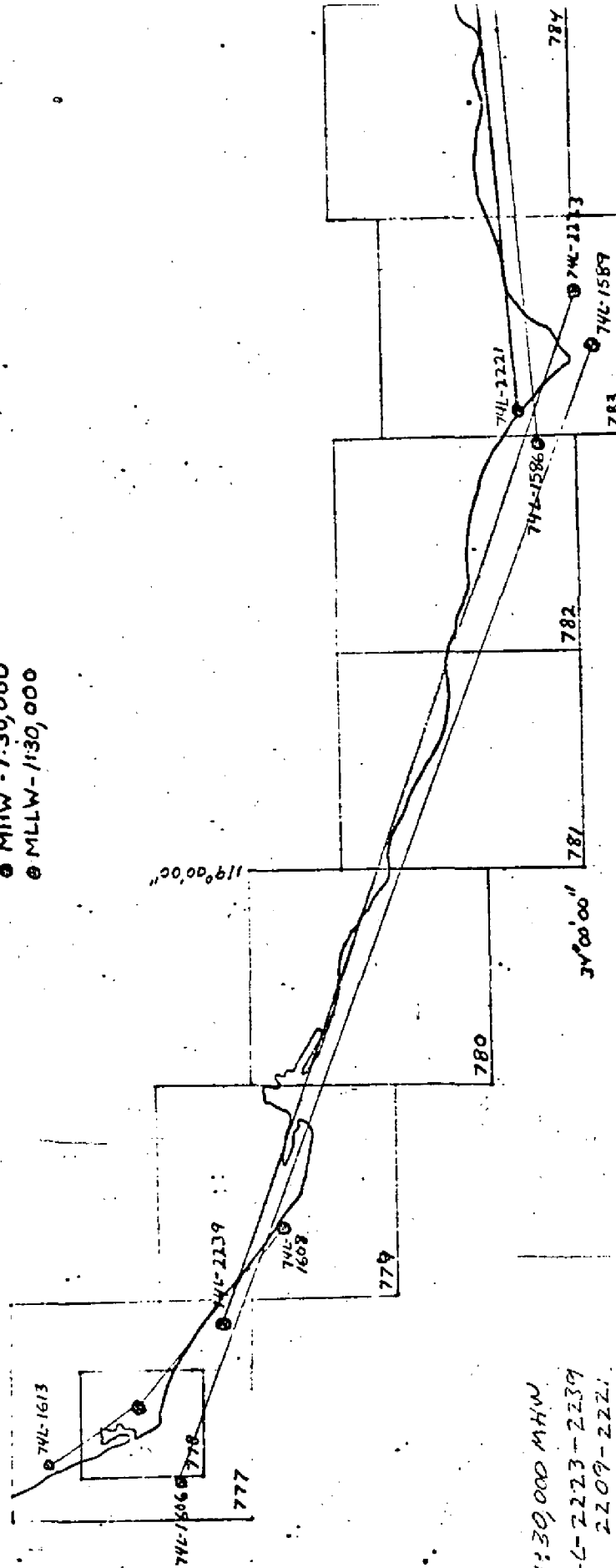
1:30,000 REBUILDING PHOTOS
1:15,000 COMPILATION PHOTOS

JOB CM-7404 POINT VICENTE TO PORT HUENEME, CALIFORNIA

JOB CM-7404

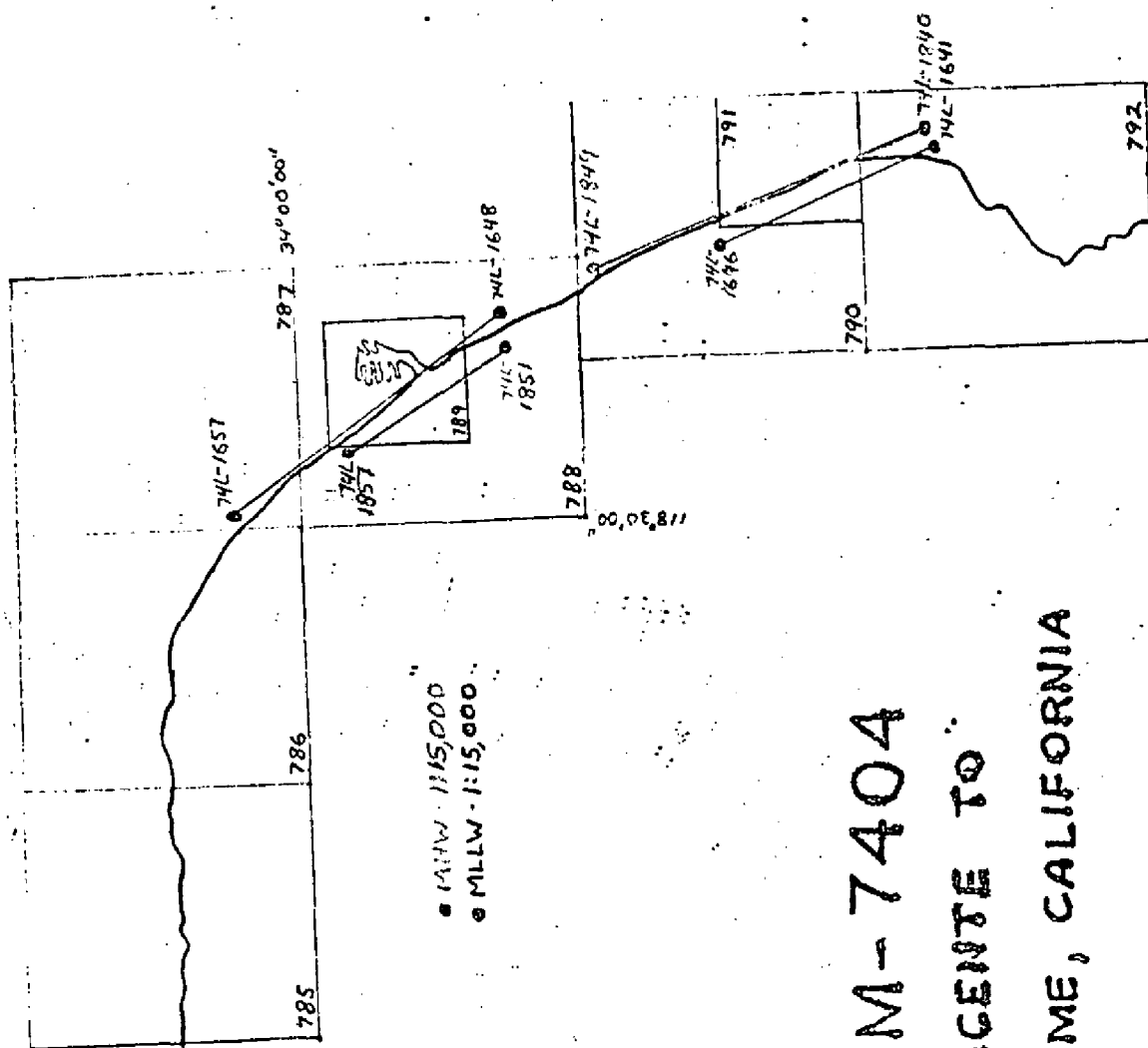
POINT VICENTE TO PORT HUENEME, CALIFORNIA

● 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-1608-183
1589-1606
1572-1586
1547-1558
1540-1544



JOB CM-7404

POINT VICENTE TO
PORT HUENEME, 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 ϕ LATITUDE λ LONGITUDE	Division, Norfolk, Va.	REMARKS	
NONE			X=	ϕ		FORWARD	
			Y=	λ		BACK	
			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
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:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project. Drainage was delineated by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

The mean high water line and mean lower low water line were compiled graphically from the tide coordinated infrared ratioed photographs.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

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

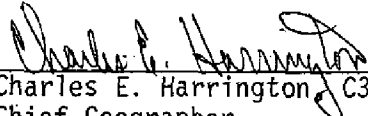
FINAL NAME SHEET

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.	
Reviewer: <i>A. L. Shands</i> A. L. Shands 4/19/76			
43. REMARKS See item 76-36c, item 8. Field Edit Operations.			

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.

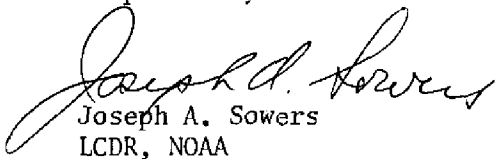
ADEQUACY OF COMPILATION

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

Replaces C&GS Form 567.

NONFLOATING AIDS ~~ON THE MARKET~~ FOR CHARTS

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

ORIGINATING ACTIVITY

NONFLOATING AIDS ON FOR CHARTS NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (8-74) Replaces C&GS Form 567.				☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ PHOTO FIELD PARTY ☒ COMPILATION ACTIVITY ☐ FINAL REVIEWER ☐ QUALITY CONTROL & REVIEW GRP. ☐ COAST PILOT BRANCH (See reverse for responsible personnel)	
REPORTING UNIT (If field Party, Ship or Office) Coastal Mapping Div. A.M.C. Norfolk, Va.	STATE California	LOCALITY Point Vicente to Port Hueneme	DATE Mar, 1975		
TO BE CHARTED ☐ TO BE REVISED ☐ TO BE DELETED ☒			The following objects HAVE ☒ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.		

The following objects HAVE ☒ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.

[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 FOR CHARTS				ORIGINATING ACTIVITY			
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		☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ PHOTO FIELD PARTY ☒ COMPILATION ACTIVITY ☐ FINAL REVIEWER ☐ QUALITY CONTROL & REVIEW GRP. ☐ COAST PILOT BRANCH (See reverse for responsible personnel)							
OPR PROJECT NO. 411		JOB NUMBER CM-7104		SURVEY NUMBER TP-00789		DATUM N.A. 1927		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		POSITION		OFFICE	FIELD						
		° /	'	° /	'	D.M. Meters	D.P. Meters								
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		"	"					

NOAA FORM 76-40
(8-74)
Replaces C&GS Form 567.

NONFLOATING AIDS TO NAVIGATION FOR CHARTS

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

REPORTING UNIT
(If field party, ship or office)
Coastal Mapping Div.
A.M.C. Norfolk, Va.

STATE
California

LOCALITY
Point Vicente to
Port Hueneme

DATE
Mar. 1976

ORIGINATING ACTIVITY
☐ HYDROGRAPHIC PARTY
☐ GEODETIC PARTY
☐ PHOTO FIELD PARTY
☒ COMPILATION ACTIVITY
☐ FINAL REVIEWER
☐ QUALITY CONTROL & REVIEW GRP.
☐ COAST PILOT BRANCH
(See reverse for responsible personnel)

OPR PROJECT NO.
411

JOBS NUMBER
CM-7404

SURVEY NUMBER
TP-00789

DATUM
N.A. 1927

POSITION
LATITUDE LONGITUDE
D.M. Meters D.P. Meters

DESCRIPTION
(Record reason for deletion of landmark or aid to navigation.
Show triangulation station names, where applicable, in parentheses)

CHARTING NAME

CHARTS AFFECTED

METHOD AND DATE OF LOCATION
(See instructions on reverse side)

OFFICE

FIELD

CHARTS AFFECTED

LIGHT	Northerly of two red lights. No name submitted. (Not charted or listed).	33 58	28.11 866	118 26	44.79 1150	L-5-Vis. Oct. 1975	5144
LIGHT	Marina Del Rey Light 10	33 58	30.77 948	118 26	42.54 1092	" Light moved	"
LIGHT	Marina Del Rey Light 11	33 58	29.37 905	118 26	54.77 1406	L-5-Vis. Oct. 1975	"
LIGHT	Marina Del Rey Light 13	33 58	31.35 966	118 26	54.77 1406	"	"
LIGHT	Marina Del Rey Light 14	33 58	33.36 1028	118 26	43.87 1126	"	"
LIGHT	Marina Del Rey Light 15	33 58	38.82 1196	118 26	54.66 1403	"	"
LIGHT	Marina Del Rey Light 16	33 58	42.49 1309	118 26	44.80 1150	"	"
LIGHT	Marina Del Rey Light 17	33 58	40.73 1255	118 26	54.62 1402	"	"
LIGHT	Marina Del Rey Light 19	33 58	48.13 1483	118 26	54.86 1408	"	"
LIGHT	Marina Del Rey Light 20	33 58	50.96 1570	118 26	44.92 1153	"	"

Original to charts May 19, 1976

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.

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-9560 (FA-10-11-75). The harbor area of Marina del Rey is not covered. There are no differences of common details.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 18744, 1:40,000 scale (1:10,000 scale inset), 22nd edition, dated May 6, 1978. The field editor recommends that the sub-merged piles charted in Basin E be deleted from the chart. They are not shown on the map.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map compiles with the project instructions and meets the requirements for Bureau Standards and the National Standards of Map Accuracy.

Submitted by:

A. L. Shands

A. L. Shands
Final Reviewer

Approved for forwarding:

Albert C. Rauch, Jr.

Chief, Photogrammetric Branch, AMC

Approved: *HW*

John D. Perraw Jr.

Chief, Photogrammetric Branch

James C. ...

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

