

TP-00792

ORIGINAL

TP-00792

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-00792...
Classification No. FINAL Edition No. 1.....
Field Edited Map

LOCALITY

State California
Point Vicente to
General Locality Port Hueneme
Locality Palos Verdes Point

19 74 TO 19 75

REGISTRY IN ARCHIVES

DATE

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

18744 ✓
18740V

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>00792</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 1/08/75		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 California ZONE 5 and 7	
5. SCALE 1:10,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY		B. Thornton	Jan 1975
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat PLOTTED BY CHECKED BY		R. Robertson R. Robertson	Feb 1975 Feb 1975
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:15,000 PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY		L. Neterer, Jr. J. Byrd, G. Vanderhaven NA NA	Feb 1975 Feb 1975
4. MANUSCRIPT DELINEATION METHOD: Smooth drafted SCALE: 1:10,000 PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY HYDRO SUPPORT DATA BY CHECKED BY		D. Butler F. Margiotta NA NA D. Butler F. Margiotta	Mar 1975 Mar 1975 Mar 1975 Mar 1975
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		F. Margiotta	Mar 1975
6. APPLICATION OF FIELD EDIT DATA BY		C. Parker	Apr 1976
7. COMPILATION SECTION REVIEW BY		F. Margiotta	Apr 1976
8. FINAL REVIEW BY		A. L. Shands	Dec 1978
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-00792	
COMPILATION SOURCES	

1. COMPILATION PHOTOGRAPHY					
CAMERA(S) Wild RC-8 "L"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE ☒ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☒ TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Pacific	☒ STANDARD
				MERIDIAN 120th	☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 74L(C) 1099-1103	03/04/74	13:06	1:30,000	0.8 ft. below MLLW	
** 74L(I) 2187-2191	04/05/74	08:32	1:30,000	±0.2 ft. of MHW	
** 74L(I) 1540-1544	03/21/74	13:35	1:30,000	-0.2 ft. of MLLW	

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

2. SOURCE OF MEAN HIGH-WATER LINE: The mean high water line was compiled graphically from the above listed tide coordinated photography. Deep shadows at the base of the high bluffs left the accuracy of portions of the MHWL in doubt. This was subsequently approved as is by the field editor.

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 TP-00790 1:10,000	EAST No survey	SOUTH TP-00397 PH-7107	WEST No survey
REMARKS			

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

TP-00792

HISTORY OF FIELD OPERATIONS

1. ☒ 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-00792
HISTORY OF FIELD OPERATIONS

I. ☐ 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		
			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		
			IDENTIFIED BY		None		
5. GEOGRAPHIC NAMES INVESTIGATION			TYPE OF INVESTIGATION				
			☐ COMPLETE				
			☐ SPECIFIC NAMES ONLY				
			☒ NO INVESTIGATION				
6. PHOTO INSPECTION			CLARIFICATION OF DETAILS BY		J. A. Sowers		
7. BOUNDARIES AND LIMITS			SURVEYED OR IDENTIFIED BY		NA		
II. SOURCE DATA							
1. HORIZONTAL CONTROL IDENTIFIED				2. VERTICAL CONTROL IDENTIFIED			
None				None			
PHOTO NUMBER	STATION NAME			PHOTO NUMBER	STATION DESIGNATION		
3. PHOTO NUMBERS (Clarification of details)							
74L(I) 1542							
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED							
None							
PHOTO NUMBER	OBJECT NAME			PHOTO NUMBER	OBJECT NAME		
5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE				6. 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-00792(Field Edit copy); and Field Edit Report, OPR-411-FA-75, Form 76-40							

TP-00792
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	Mar 1975	Class III manuscript	2/10/76	3/24/75
Compilation complete Field Edit Applied	Apr 13 1976	Class I manuscript	4/27/76	None
Final Review	Dec 1978	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 Landmark for charts

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.
ACCOUNT FOR EXCEPTIONS:

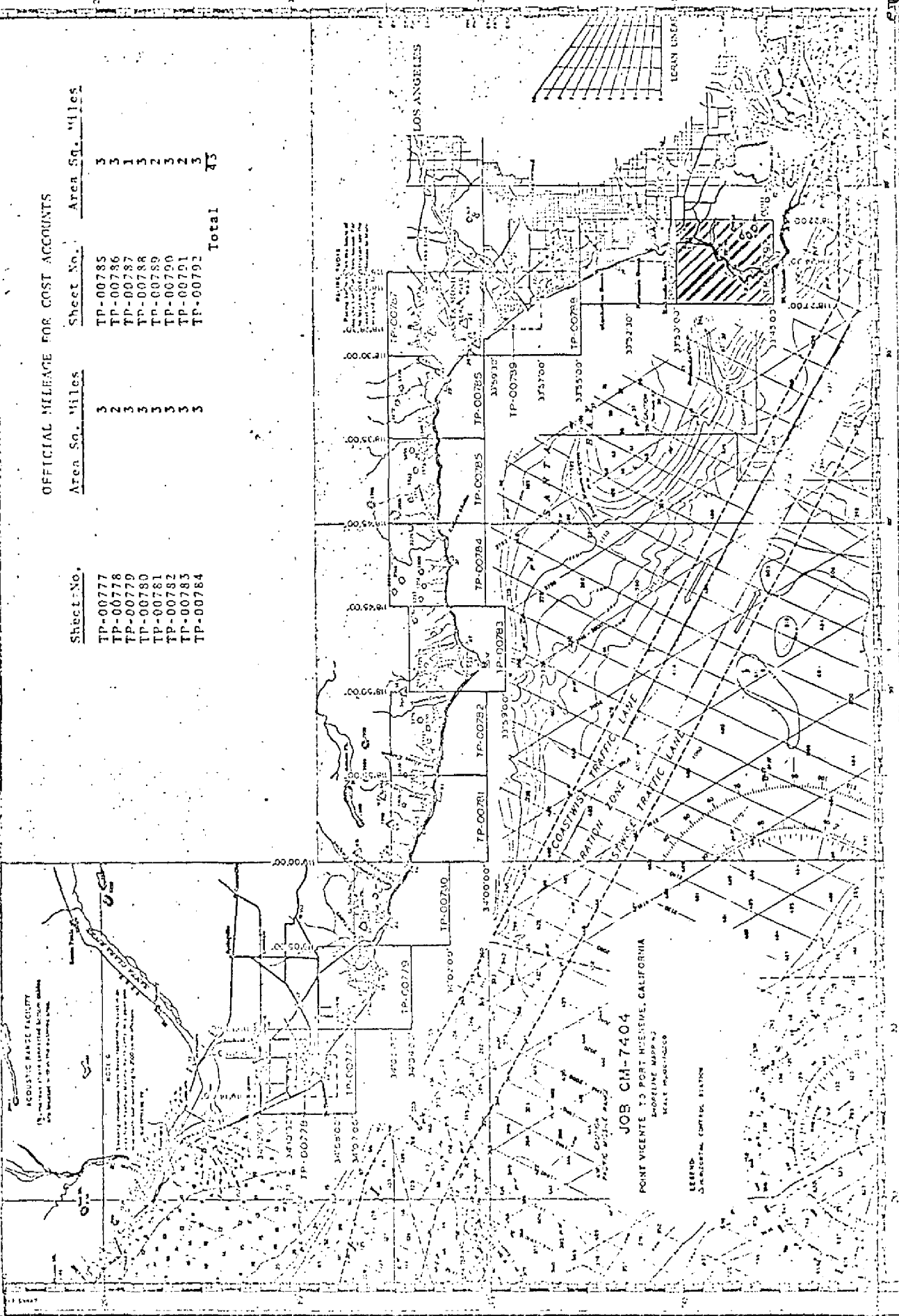
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

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

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CM-7904



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.

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FIELD INSPECTION

TP-00792

Field inspection was limited to the recovery and identification of horizontal control for aerotriangulation, and also ground support activities for the acquisition of tide coordinated infrared photography.

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

82

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

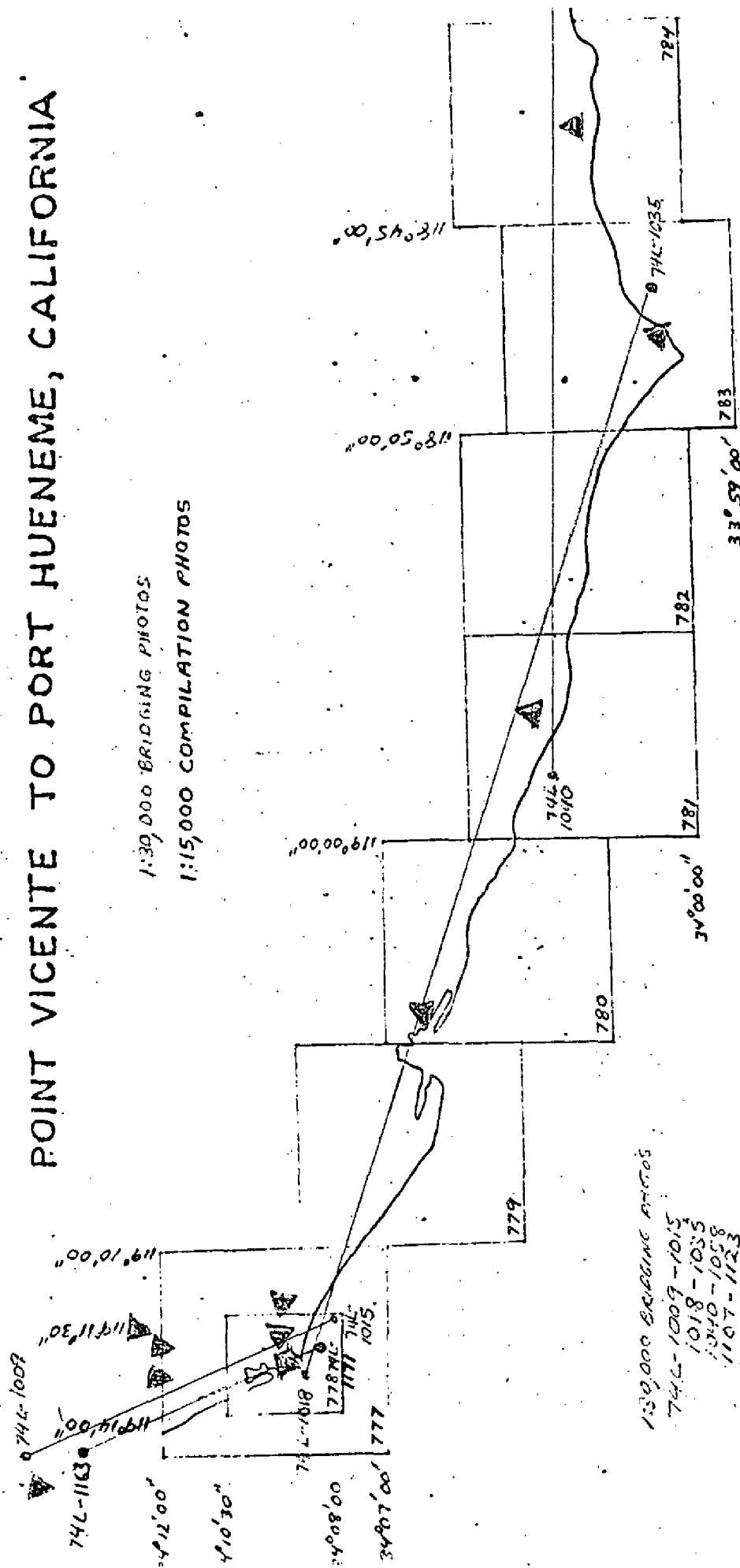
Strip #3:	28100	.626	1.068
	50100	-.267	1.023
	58101	.064	-.204

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

8501-4011
8501-0700

1099-1103

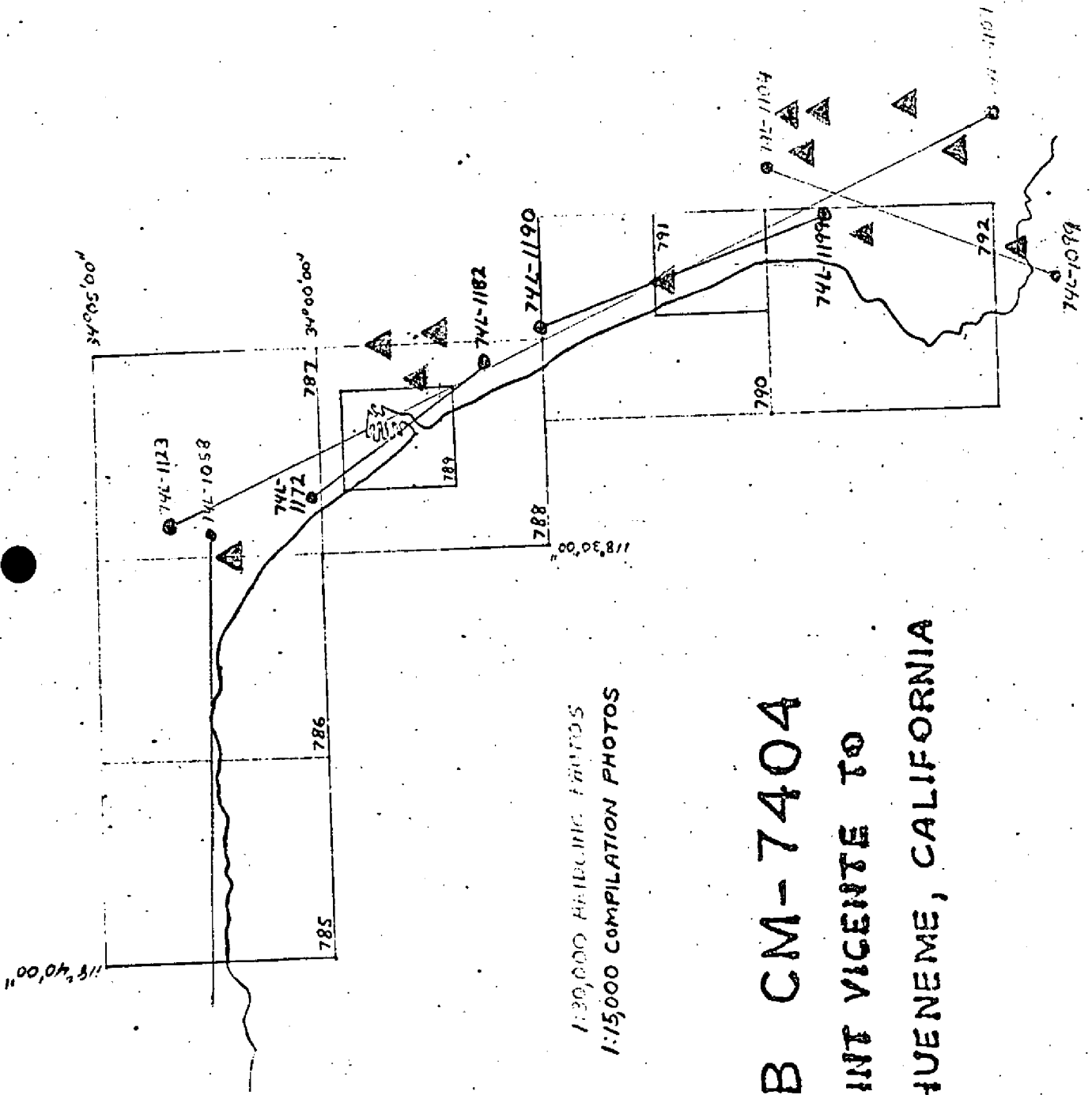
from 1880 to 1885

NO 16712400 COMPLETION

74-1-163-1191

7811-7211

BB-1-03511

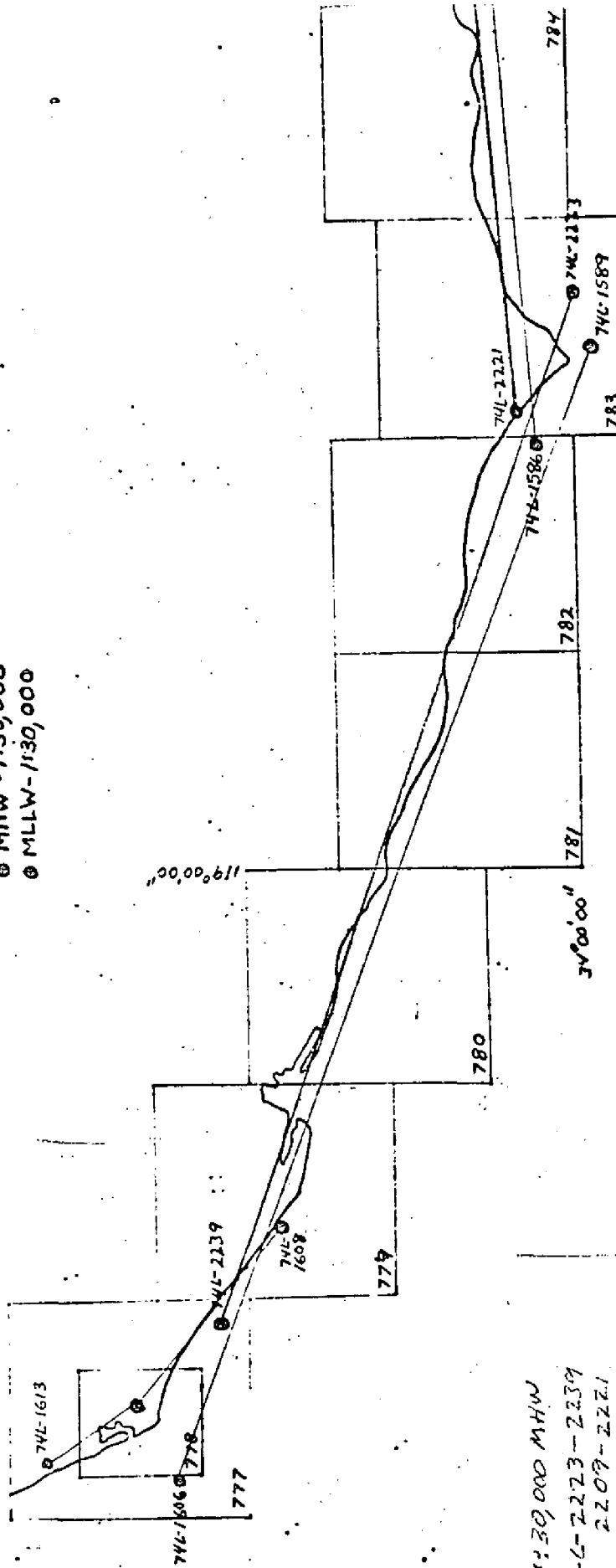


JOB CM-7404
POINT VICENTE TO
PORT HUENEME, CALIFORNIA

JOB CM-7404

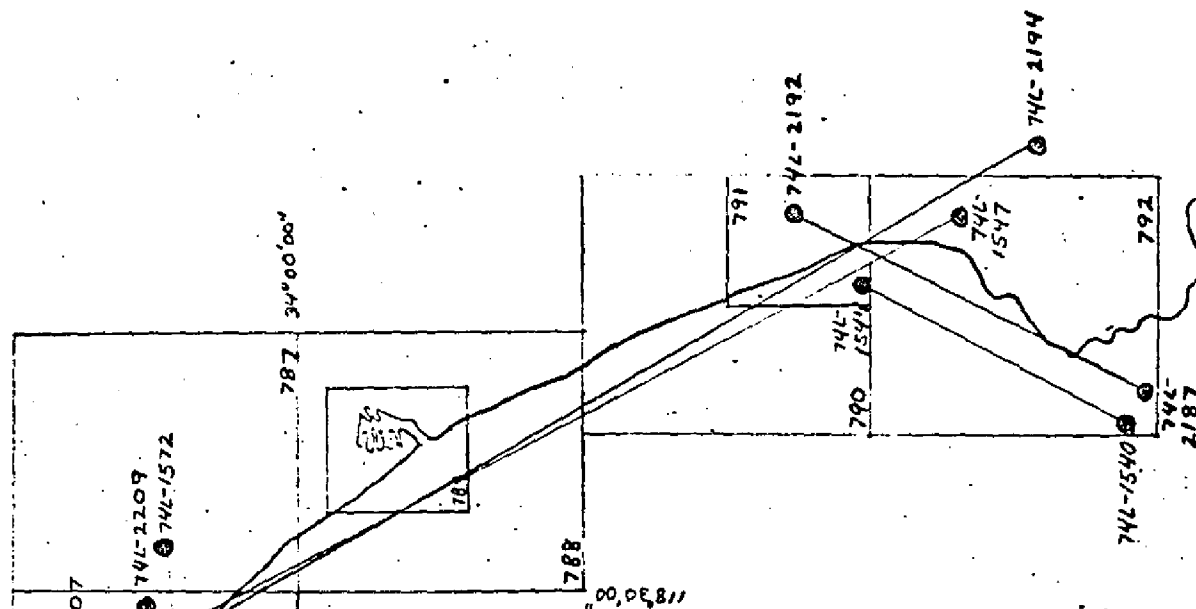
POINT VICENTE TO PORT HUENEME, CALIFORNIA

- 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

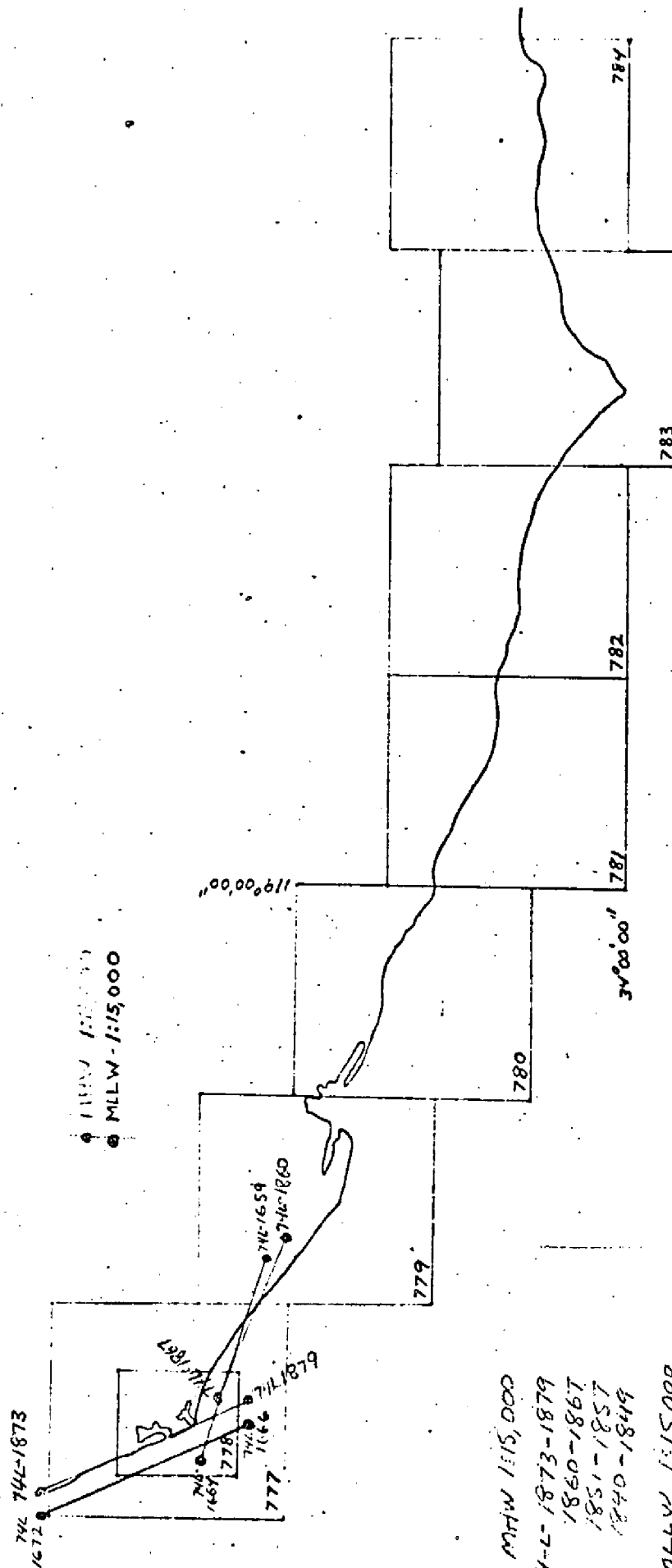


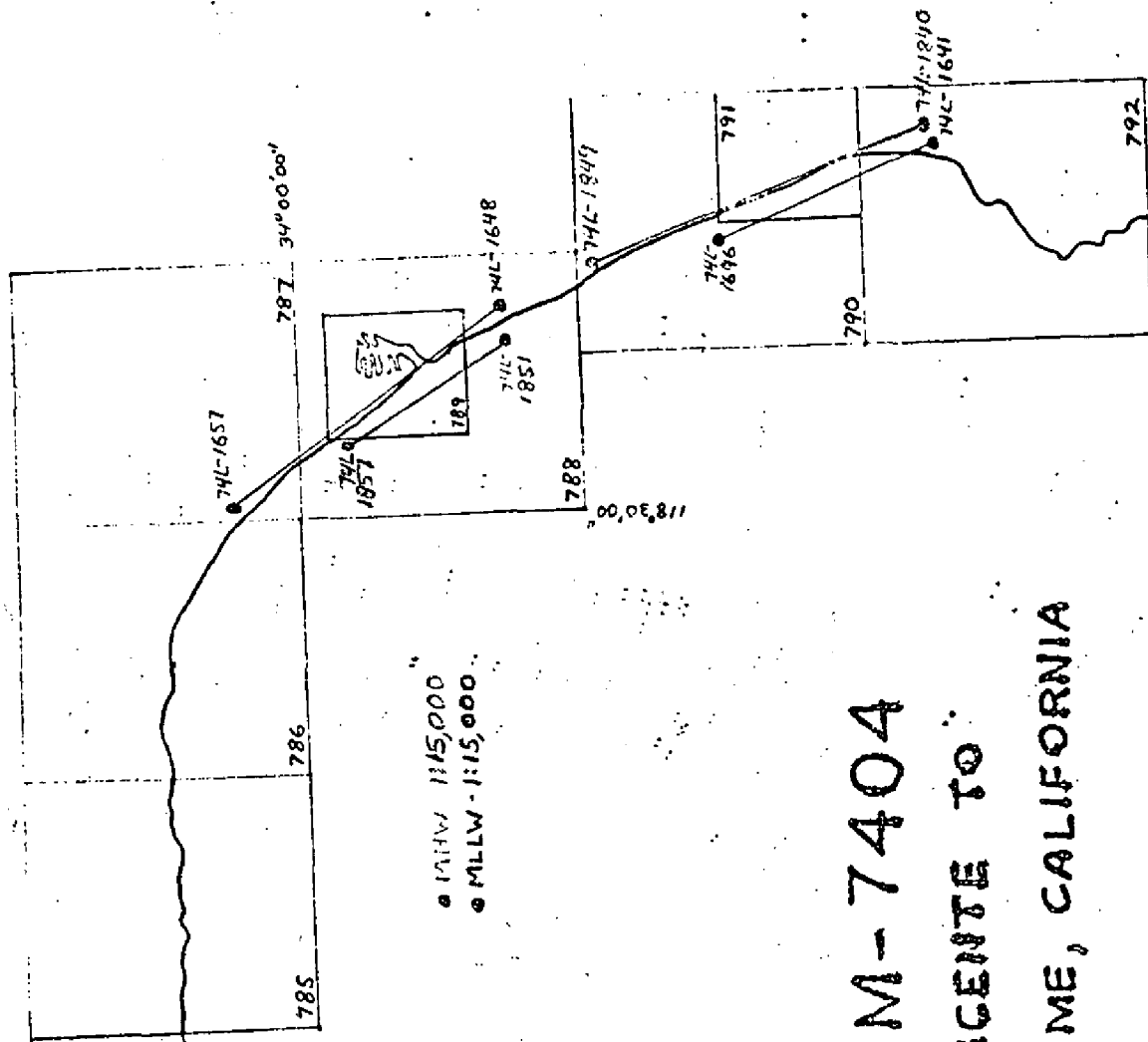
● MHW - 1:30,000
 ▲ MLLW - 1:30,000

JOB CM-7404 POINT VICENTE TO PORT HUENEME, CALIFORNIA

JOB CM-7404

POINT VICENTE TO PORT HUENEME, CALIFORNIA





JOB CM-7404

POINT VICENTE TO

PORT HUENEME, CALIFORNIA

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETIC DATUM	NA	1927	ORIGINATING ACTIVITY	REMARKS
			COORDINATES IN FEET STATE ZONE			Division, Norfolk, Va.	FORWARD BACK
		SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER		ϕ LATITUDE λ LONGITUDE		
ROCKY, 1927	Quad 331181 4016			x=	ϕ 33 46 26.102		804.2 (1044.4)
				y=	λ 118 25 36.900		949.5 (594.4)
PASEO, 1927	Quad 331181 4009			x=	ϕ 33 47 08.799		271.1 (1577.5)
				y=	λ 118 25 02.100		54.0 (1489.7)
LA VENTA INN, SPIRE, 1927	Quad 331181 4034			x=	ϕ 33 47 42.700		1315.6 (533.0)
				y=	λ 118 23 57.110		1469.1 (74.4)
REDONDO, 1927	Quad 331181 4014			x=	ϕ 33 49 39.405		1214.1 (634.5)
				y=	λ 118 23 21.230		545.9 (996.8)
				x=	ϕ		
				y=	λ		
				x=	ϕ		
				y=	λ		
				x=	ϕ		
				y=	λ		
				x=	ϕ		
				y=	λ		
				x=	ϕ		
				y=	λ		
				x=	ϕ		
				y=	λ		
COMPUTED BY A. C. Rauck, Jr.			DATE 2/20/75	COMPUTATION CHECKED BY F. Margiotta			DATE 2/20/75
LISTED BY			DATE	LISTING CHECKED BY			DATE
HAND PLOTTING BY			DATE	HAND PLOTTING CHECKED BY			DATE

COMPILATION REPORT

TP-00792

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter. Common pass points were selected on both the mean high and mean lower low water photographs. Because shadows obscured the shoreline on the mean high water photographs, the mean high water line was compiled from the mean lower low water photographs.

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 the Wild B-8 stereoplotter and 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 was compiled graphically from the tide coordinated infrared ratioed photographs.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

Forms 76-40 were forwarded to the field editor for further processing.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

See ~~the attached~~ ^{ALS} 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 ^{A.L.S.} ~~the following~~ USGS Quadrangle Redondo Beach, California-Los Angeles Co., scale 1:24,000, dated 1963.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with National Ocean Survey Charts 18740, scale 1:234,270, 19th edition, dated Sept. 28, 1974 and 18301, scale 1:40,000, 18th edition, dated May 4, 1974.

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
March 13, 1975

Approved:

Albert C. Rauck, Jr.

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

December 20, 1978

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GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00792

✓ Agua Amarga Canyon

✓ Bit Rock

✓ Bluff Cove

✓ Clifton

✓ Flat Rock

✓ Flat Rock Point

✓ Lunada Bay

✓ Malaga Cove

✓ Pacific Ocean

✓ Palos Verdes Estates

✓ Palos Verdes Point

✓ Redondo Beach (Ppl)

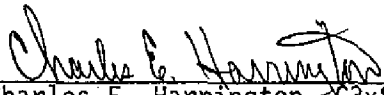
✓ Resort Point

✓ Santa Monica Bay

✓ Torrance

✓ Torrance County 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 - 00792			
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 F. Margiotta March 1975 <i>F. Margiotta</i>		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>Albert C. Rauck, Jr.</i> Charles Parker 4/13/76 Frank Margiotta 4/23/76 <i>Frank Margiotta</i>		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
43. REMARKS Refer to form 66-36C, Field Edit Operation, Section II, Items 3 and 8			

FIELD EDIT REPORT

MAP TP-00792

PALOS VERDES POINT

OCTOBER 1975

Field edit of map TP-00792 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 partly regular sandy beach with unfouled foreshore area, requiring no verification of the existence of rocks. The rest of the shore was irregular rocky coastline with some offshore rock and kelp fouling. All rocks noted on the Master Field Edit Mylar were verified or disproved with height and time information annotated on the mylar. No additional rocks were found. All times were based on Greenwich Mean Time.

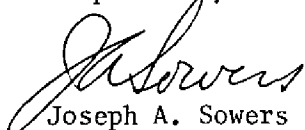
ADEQUACY OF COMPILATION

Compilation of this map was very good. The hydrography for this area was run concurrently with the field edit. Field inspection of this map is complete.

RECOMMENDATIONS

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

Respectfully submitted:


Joseph A. Sowers
LCDR, NOAA

REVIEW REPORT

TP-00792
SHORELINE

December 18, 1978

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report.

A pile indicated by the field editor to exist at lat. $33^{\circ}48.2'$, long. $118^{\circ}23.9'$ was not plotted during field edit application. It was added to the map during final review.

Bait Rock, located in Bluff Cove, is indicated on the field edit ozalid to be north of Flat Rock. The field editor identifies it on photograph 74 L(C) 1542 on the south side of Flat Rock. The photo position is shown on the map. It was verified by the staff geographer.

There is no field verification of the wreck shown at Palos Verdes Point. This feature is retained on the map because of its prominence on the photographs.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with a copy of T-4826, 1:10,000 scale, dated April, 1933. Several rocks shown on T-4826 in Bluff Cove and off the point at lat. $33^{\circ}45.1$, long. $118^{\circ}24.9$ are not visible on the photography and were not mapped. Kelp limits on T-4826 are several hundred meters seaward of kelp patches shown on TP-00792. Delineation of kelp on TP-00792 was recommended by the field editor.

A wreck and several rocks positioned on T-4826 at lat. $33^{\circ}46.7'$,

long $118^{\circ}25.5'$ and several bare rocks near the southern limit of the map are not shown on TP-00792.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with USGS Quadrangle, Redondo Beach, California, 1:24,000 scale, dated 1963. The construction of the groin since the date of the quadrangle at lat. $33^{\circ}49.8'$, long. $118^{\circ}23.5'$ has altered the shape of the shoreline in that area.

Several bare rocks shown on the quadrangle south of Resort Point are not shown on the map.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with a copy of Final Verified Smooth Sheet H-9558 (FA 10-9-75). Many of the rocks shown on the smooth sheet as well as the wreck at lat. $33^{\circ}46.7'$, long. $118^{\circ}25.5'$ do not appear on the map. They cannot be positively identified on the photographs. No field positions were submitted for them.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 18744, 1:40,000 scale, dated May 6, 1978, from Resort Point Northward and with Chart 18740, 1:234,270 scale dated September 28, 1974, from Resort Point southward. Chart 18744 shows a wreck at lat. $33^{\circ}46.7'$, long. $118^{\circ}25.5'$ and an unlabeled dash line at lat. $33^{\circ}48.7'$ long. $118^{\circ}23.9'$. Neither is shown on the map. They are not visible on the photographs and were not identified by the field editor.

Wrecks charted at lat. $33^{\circ}47.3'$, long. $118^{\circ}25.0'$ and lat. $33^{\circ}48.7'$, long. $118^{\circ}25.3'$ are in deep water offshore and are not expected to be visible on the photographs.

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 Maps Accuracy.

Submitted by:

A. L. Shands

A. L. Shands
Final Reviewer

Approved for forwarding:

Albert C. Rausch Jr.

Chief, Photogrammetric Branch, AMC

Approved: *Hu*

John D. Perraw Jr.
Chief, Photogrammetric Branch

James C. Lott

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

