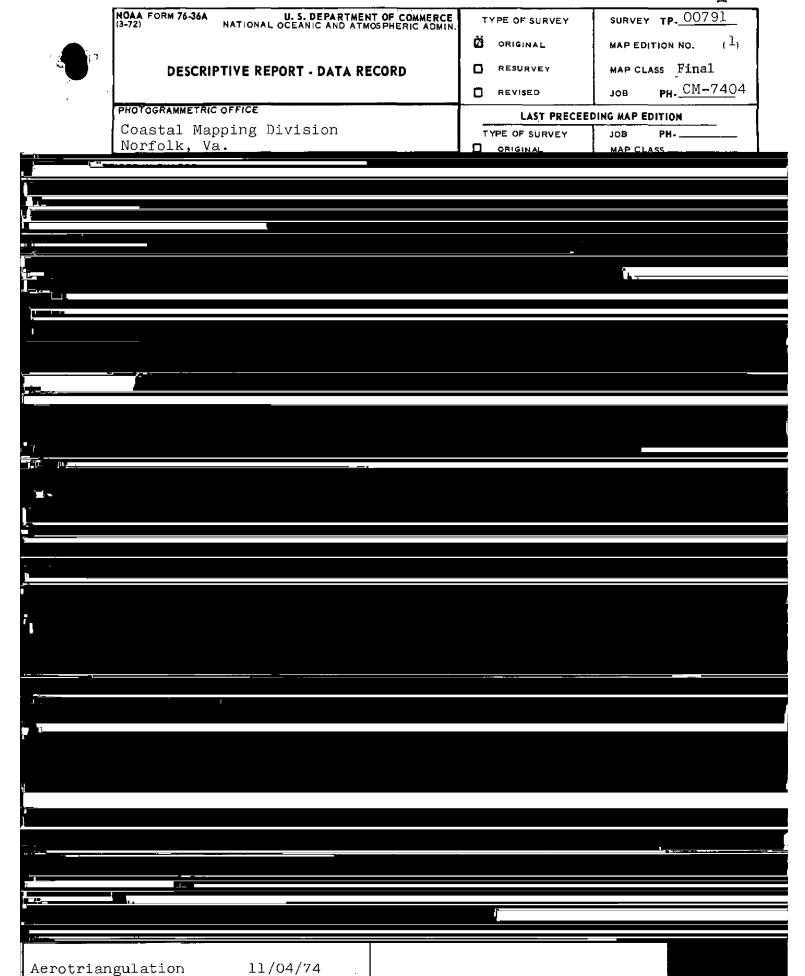
NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of SurveyShoreline	
Job No. CM-7404 Map No. TP-	00.791
Classification No. Final Edition No	1
Field Edited Map	
LOCALITY	
California	
Point Vicente to General Locality Port . Hueneme	
Locality Redondo Beach	
• • • • • • • • • • • • • • • • • • • •	
19 74 TO 1976	
REGISTRY IN ARCHIVES	
DATE	

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



10AA FORM 76-36B 3-72)				NATIONAL OCEA				
		COI	TP-0079			NATI	IONAL O	CEAN SURVE
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NOAA FORM 76-36C		TP-0079		NIG AND ATMOSPHE	TMENT OF COMMERCE TRIC ADMINISTRATION ONAL OCEAN SURVEY
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		RECOVERED B			100 307.1_
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8. OTHER FIELD F	RECORDS (Sketch books, etc.	DO NOT list data sub	mitted to the Geodesy I	Division)	
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NOAA FORM 76-36C (3-72)		TP-007 HISTORY OF FIELD		ANIC AND ATMOSPHERIC	NT OF COMMERCE ADMINISTRATION L OCEAN SURVEY
i FIELD INSPE	CTION OPERA	ATION X FIEL	D EDIT OPERATION	<u> </u>	
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4. LANDMARKS AND		LOCATED (Field Methods) BY	FAIRWEATH	<u> ER personnel</u>	Oct 1 <u>975</u>
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		NO INVESTIGATION			
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4. LANDMARKS AND	D AIDS TO NA	VIGATION IDENTIFIED			
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5. GEOGRAPHIC NA	AMES:	REPORT NONE	6. BOUNDARY AN	ID LIMITS: REPOR	T XXNONE
7. supplemental None	. MAPS AND P	LANS			
P. OTHER FIELD R	ECORDS (Sket	tch books, etc. DO NOT list date submi	ted to the Goodesy E	New Jan 1	
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NOAA FORM 76-36D (3-72)

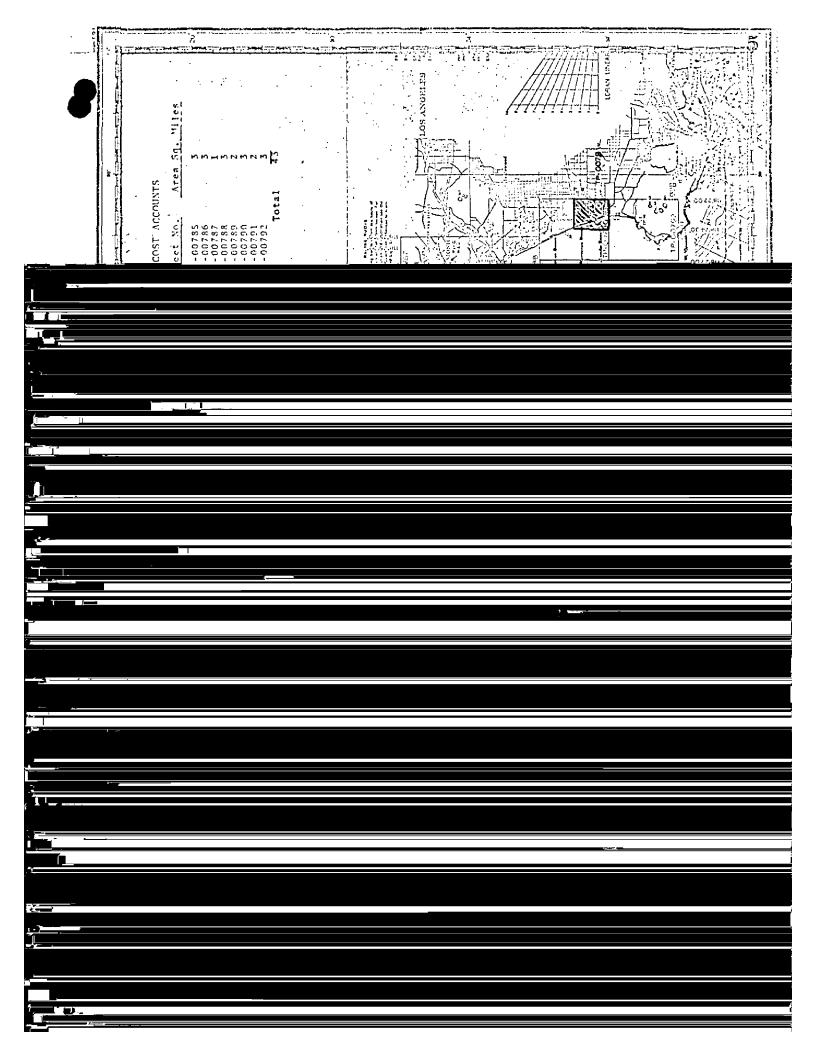
U, S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

TP-00791

RECORD OF SURVEY USE

	COMPILATION STAGES	S	DATE MANUSCRI	PT FORWARDED
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT

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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.

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FIELD INSPECTION

TP-00791

Field inspection was limited to the recovery and identification of horizontal control for aerotriangulation and ground support operation for the attainment of tide coordinated photography.

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

JANNERY 1975

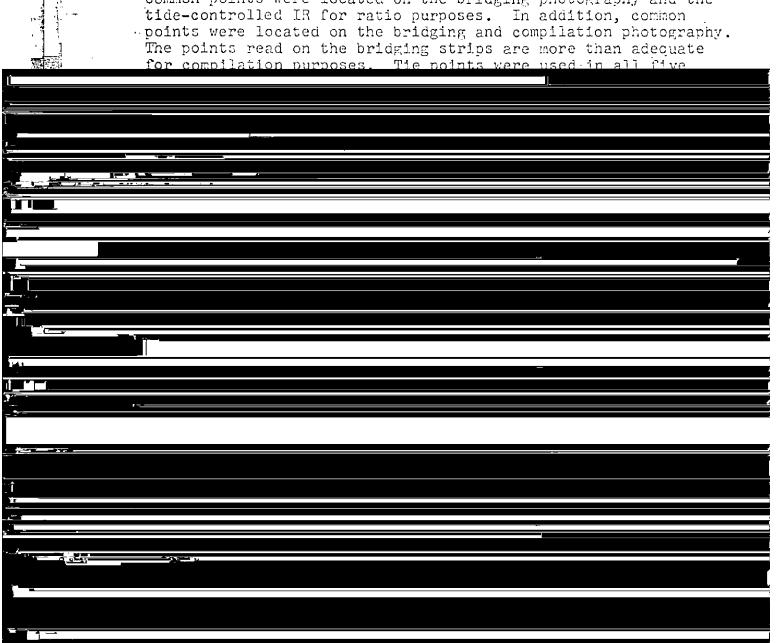
21. Area Covered

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 acrotriangulation 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 The points read on the bridging strips are more than adequate



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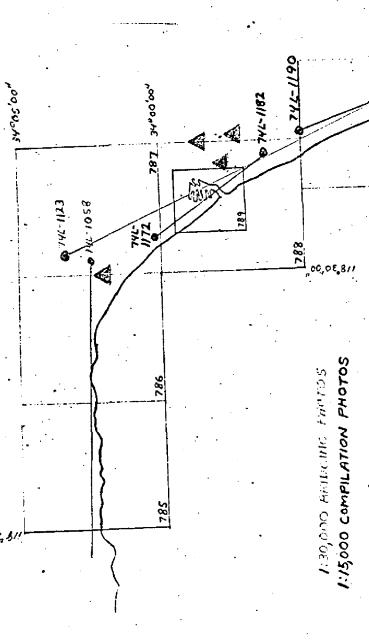
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1:15,000 COMPILATION PHOTOS 1:30,000 BRIDGING PHOTOS

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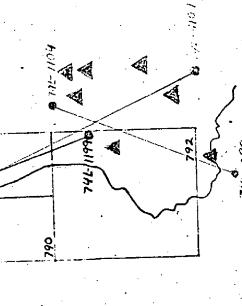
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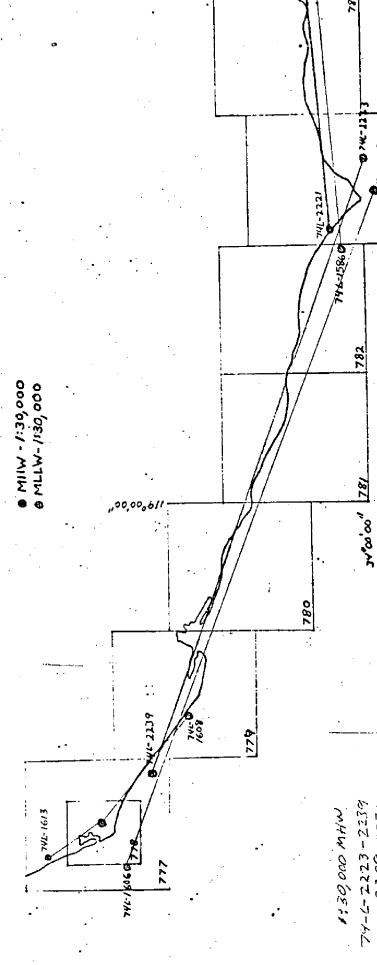
PORT HUENEME, CALIFORNIA



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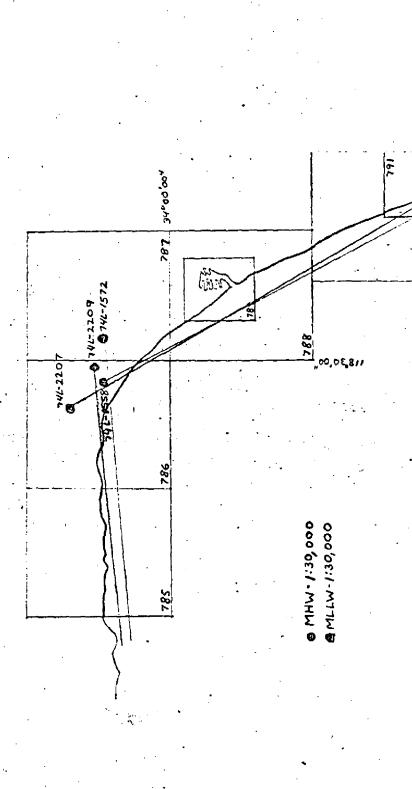
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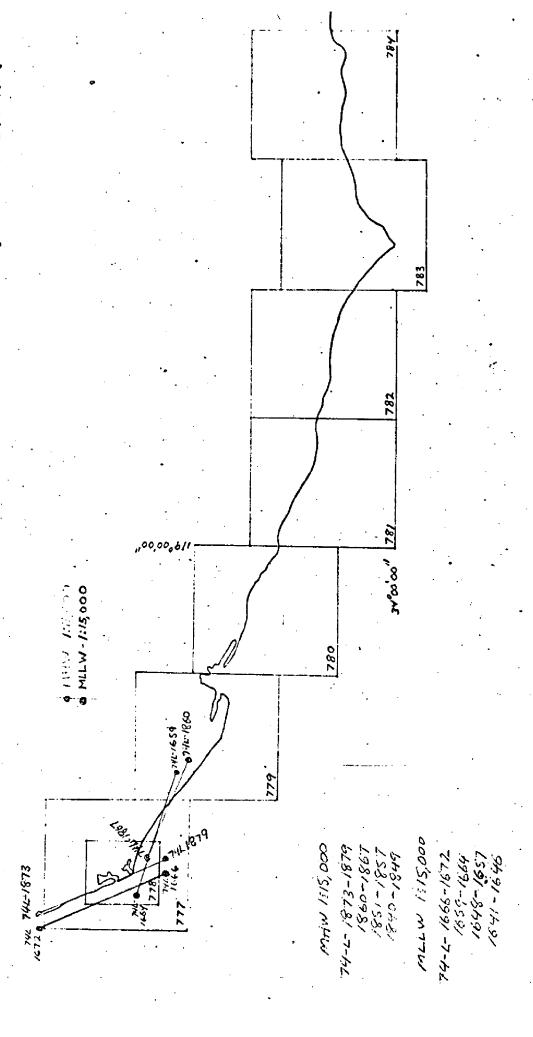
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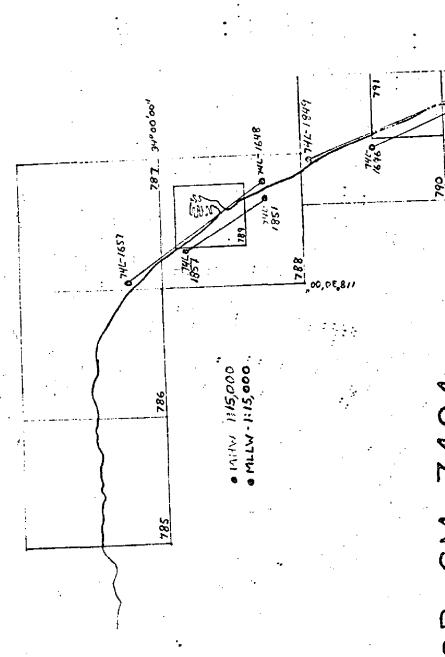
JOB CM-7404

PORT HUENEME, CALIFORNIA

POINT VICENTE TO PORT HUENEME, CALIFORNIA



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JOB CM-7404
point vicente to:
port hueneme, california

NOAA FORM 76-41 (6-75)		DESCRIPTIV	CRIPTIVE REPORT CONTROL RECORD	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	EPARTMENT OF COMMERCE DSPHERIC ADMINISTRATION
MAP NO.	JOB NO.		GEODETIC DATUM	ORIGINATING ACTIVITY	ŀ
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LISTED BY		DATE	LISTING CHECKED BY		DATE
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE
		SUPERSEDES NO	SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.	OBSOLETE.	

TP-00791

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using the 1:15,000 scale color photography. Common pass points were selected on tide controlled 1:5,000 scale infrared ratio photographs and the mean high water and mean lower low water lines were compiled graphically from them.

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.

3

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 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 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 Chart 18301, scale 1:40,000, 18th edition, May 4, 1974.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

	None.	
	ITEMS TO BE CARRIED FORWARD):
	None.	Submitted by:
		David P. Butter
		David P. Butler Cartographic Aid March 28, 1974
	Appróved:	•
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GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00791

/ Hermosa Beach

Redondo Beach (Pp1)

- King Harbor

Santa Monica Bay

'Pacific Ocean

Approved by:

Charles E. Harrington, Chief Geographer

NOAA FORM 75-74				U.S. DEPARTMENT OF COMMERCE
(7-75)	PHO	TOGRAMMÉT	RIC OFFICE REVIEW	NATIONAL OCEAN SURVEY
•			- 00791	
1. PROJECTION AND GRIDS	2. TITLE		3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
FM	FM		FM	FM
CONTROL STATIONS			<u> </u>	
5. HORIZONTAL CONTROL ST THIRD-ORDER OR HIGHER	ATIONS OF	6. RECOVERA	BLE HORIZONTAL STATIONS AN THIRD-ORDER ACCURACY	7. PHOTO HYDRO STATIONS
FM		(Topographic	c stations) NA	NA
8. BENCH MARKS	9. PLOTTING O	F SEXTANT	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
NA	NA		FM	FM
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16. AIDS TO NAVIGATION	17. LANDMARK	:s	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
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PHYSICAL FEATURES				
20. WATER FEATURES		21. NATURAL	GROUND COVER	22. PLANETABLE CONTOURS
FM		NA	Ĺ	NA
23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS	IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
NA	NA		NA	FM
CULTURAL FEATURES			· 	
27. ROADS	28. BUILDINGS		29. RAILROADS	30. OTHER CULTURAL FEATURES
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31. BOUNDARY LINES			32. PUBLIC LAND LINES	
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			•	MANUSCRIPT
FM			FM	FM
36. DISCREPANCY OVERLAY	37. DESCRIPTI	VE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
FM	FM		NA	FM
40. REVIEWER Male	ul)	· · · · · · · · · · · · · · · · · · ·	SUPERVISOR REVIEW SECTI	
Frank Mark	iotta 4,	/10/75	1 20 - 1 - 1	ruck. Jr.
43. DEU 4 DEC 40.		 	A. C. Rauck, Jr	•
41. REMARKS (See attached she FIELD COMPLETION ADDITION		IONS TO THE	ANUSCRIPT	
	s furnished by th	e field complet		to the manuscript. The manu-
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43. REMARKS				
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for field			operactor, recins	
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FIELD EDIT REPORT

MAP TP-00791

REDONDO BEACH

OCTOBER 1975

Field edit of map TP-00791 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 the location of features in question. The shore was regular sandy beach and manmade harbor quay wall 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 this area was run concurrently with the field edit. Field inspection of this map is complete except for the location of submerged pipelines originating at the Southern California Edison power plant in Redondo Beach. Location of these pipes will be determined in the spring of 1976.

RECOMMENDATIONS

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

Respectfully submitted:

Migory P. Kosunski Gregory P. Kosinski

ENS, NOAA

Original sent to charts 19 May 1976

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Replaces C&GS Form 567.					100				PHOTO FIELD PARTY	<u></u>
TO BE CHARTED TO BE REVISED 1 TO BE DELETED ✓		FEPORTING UNIT Field Parry, Ship or Office) Coastal Mapping Div. A.M.C. Norfolk, Va.	ST.	oalifornia /	Point Port H	ocality Point Vicente Port Hueneme	•	PATE Apr.1976	XXX COMPILATION ACTIVITY / FINAL REVIEWER QUALITY CONTROL & REVIEW GRP COAST PILOT BRANCH	NITY.
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	_				POSITION	NO	-	(See instructions on reverse side)	on reverse side)	CHARTS
-		DESCRIPTION	Z	LATI	LATITUDE	LONGITUDE	UDE			AFFECTED
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Original sent to charts 1970

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NOAA FORM 76-40	40			O NA POO 14 PO	U.S. DEPARTA	U.S. DEPARTMENT OF COMMERCE	ORIGINATING ACTIVITY	CTIVITY
(8-74)		NONFLOATING AIDS	NAT	MATIONAL OCEANIC AN	ID ATMOSPHER /	IC ADMINIST RATION	HYDROGRAPHIC PARTY	RTY
Replaces C&GS Form 567	567.						PHOTO FIELD PARTY	<u>ــ</u> ۲
V TO BE CHARTED	TED / REPORTING UNIT	STATE		LOCALITY		DATE	COMPLEATION ACTIVITY	VITY /
TO BE REVISED		Div. California	nia 🧸	Point Vicente Port Hueneme	ite to	Apr.1975 May,1976	PINAL REVIEWER OUALITY CONTROL & REVIEW GRP COAST PILOT BRANCH	A REVIEW GRP
The following objects	1=	inspected from	seaward to det	determine their value as landmarks	as landmarks.		(See reverse for responsible personnel)	ble personnel) .
OPR PROJECT NO.			Σ					
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CM-7404	TP-0079			N.A.1927		METHOD AND DATE OF LOCATION	E OF LOCATION	
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REVIEW REPORT

TP-00791 SHORELINE

December 22, 1978

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report.

It is noted on the field edit ozalid that pipelines shown on the chart at King Harbor were to have been located in the spring of 1976. That data was not submitted to the compilation office. The pipelines are not mapped.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC MAPS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Not applicable.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with copies of Final Verified Smooth Sheets H-9558 (FA 10-9-75) and H-9559 (FA-10-10-78). A small ledge area and an end of pier in ruin are shown on H-9558 just east of Mole C Light. There is no indication on the photographs of their existence. They were not identified by the field editor and are not shown on the map.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 18744, 1:40,000 scale (King Harbor inset 1:10,000 scale), 26th edition dated May 6, 1978.

The unlabeled dash line on the chart extending seaward from King Harbor Light "2" is not represented on the map. There are no images on the photographs that indicate the existence of any feature at that position.

A building is visible on the photography on the pier near the entrance to King Harbor. The building is shown on the map but is not shown on the chart.

The compilation office has no evidence of the existence of the ledge shown on the chart east of Mole C Light. See paragraph 64.

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:

9. L. Shands

A. L. Shands Final Reviewer

Approved for forwarding:

Chief, Photogrammetric Branch, AMC

Approved: $\mathcal{J}(\mathcal{W})$

Chief, Photogrammetric Branch

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

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.

2. In "Remarks" column cross out words that do not apply.

3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
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