

TP-00395

TP-00395

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of SurveySHORELINE.....
Job No.PH-7107..... Map No.TP-00395.
Classification No. Final Edition No.1.....

LOCALITY

StateCalifornia.....
General Locality ..Dana Point to Point Vicente..
LocalityAlamitos Bay.....

1972 TO 1976

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		1
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ REVISED
		SURVEY TP. <u>00395</u> MAP EDITION NO. (1) MAP CLASS <u>Final</u> JOB PH. <u>7107</u>
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, VA		LAST PRECEDING MAP EDITION TYPE OF SURVEY ☐ ORIGINAL ☐ RESURVEY ☐ REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__
OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		
I. INSTRUCTIONS DATED		
1. OFFICE		2. FIELD
Aerotriangulation Aug 17, 1978 Compilation Nov 05, 1971 Compilation, Supp. 1 Oct 09, 1973 Amendment 1 Oct 30, 1973 Amend. 1 to Supp. 1 Jan 28, 1974		Premarking Mar 1, 1971 Premarking Supplement I Feb 25, 1972
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 6
5. SCALE 1:5,000		STATE ZONE
III. HISTORY OF OFFICE OPERATIONS		
OPERATIONS	NAME	DATE
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY	I. D. Raborn	Sep 1973
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY	Allen	Sep 1973
	Allen	Sep 1973
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY	G. R. Vanderhaven	Dec 1973
	A. L. Shands	Dec 1973
INSTRUMENT: Wild B-8	NA	
SCALE: 1:7,500	NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY	G. R. Vanderhaven	Dec 1973
	A. L. Shands	Jan 1974
METHOD: Smooth drafted	NA	
	NA	
SCALE: 1:5,000 HYDRO SUPPORT DATA BY	G. R. Vanderhaven	Dec 1973
	A. L. Shands	Jan 1974
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	A. L. Shands	Jan 1974
	A. L. Shands	Jul 1976
6. APPLICATION OF FIELD EDIT DATA CHECKED BY	L. O. Neterer, Jr.	Jul 1976
	L. O. Neterer, Jr.	Jul 1976
7. COMPILATION SECTION REVIEW BY	A. L. Shands	Sep 1978
8. FINAL REVIEW BY	A. L. Shands	Nov 1978
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY	A. K. Heywood	Feb 1980
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY	E. L. DAUGHERTY	JUN 1980
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		

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	☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
72L(C) 3122-3124	3/24/72	09:53	1:15,000	3.8 ft. above MLLW	
72L(C) 3894-2898	3/24/72	14:46	1:15,000	0.8 ft. above MLLW	
*72L(I) 2833-2835	3/24/72	11:42	1:15,000	-0.2 ft. of MLLW	
72L(C) 3022-0323	3/27/72	08:21	1:15,000	4.9 ft.	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from the above listed photographs.

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

The mean lower low water line was compiled using the above listed tide photographs.

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

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

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
No Survey	TP-00396	TP-00402	TP-00394

REMARKS

TP-00395

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. B. Melby	Mar 1972
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 (<i>Triangulation Stations</i>) BY LOCATED (<i>Field Methods</i>) BY IDENTIFIED BY	None None None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY BY ☒ 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*)

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-00395

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	CDR R. E. Alderman, NOAA	Mar 1976
2. HORIZONTAL CONTROL	RECOVERED BY LTJG Kosinski, ENS Leigh	Mar 1976
	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 LTJG Kosinski, ENS Leigh	Mar 1976
	IDENTIFIED BY LTJG Kosinski, ENS Leigh	Mar 1976
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	☐ COMPLETE BY	
	☐ SPECIFIC NAMES ONLY	
	☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY LTJG Kosinski, ENS Leigh	Mar 1976
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)

72L 3122

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER

OBJECT NAME

PHOTO NUMBER

OBJECT NAME

72L 3122

Building

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)

Horizontal Control Report, OPR-411-FA-1976; Field Edit Ozalid TP-00395Field Edit Reports, OPR-411-FA-1976

NOAA FORM 76-36D
(3-72)

TP-00395

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

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	Dec 1973	Class III manuscript	8/2/74	8/2/74
Field edit applied. Compilation complete	Jul 1976	Class I manuscript	8/2/76	
Final Review	Sep 1976	Final	Nov 1978	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		8/5/76	Landmark for charts
1		8/5/76	Aids for charts

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: August 5, 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 567 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 MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

SOUNDINGS IN FATHOMS AT MEAN LOWER LOW WATER

NOTE B

Navigation regulations are published in Chapter 2, Coast Pilot 7, or subsequent yearly supplements and weekly Notices to Mariners. Copies of the regulations may be obtained at the office of the District Engineer, Corps of Engineers in Los Angeles, Calif.

An Anchorage Regulations may be obtained at the office of the Commander, 11th Coast Guard District, San Francisco, Calif.

Times of submarine transit will be published in the Ebbtide Coast Guard District (Littoral Basin, California) Local Notice to Mariners. 5-25 and Coast Guard District 33-45-00-00. 2-25, Calif.

Notes to submarines subject to change in area designation.

NOTE C

SUBMARINE TRANSIT LINES

Times of submarine transit will be published in the Ebbtide Coast Guard District (Littoral Basin, California) Local Notice to Mariners. 5-25 and Coast Guard District 33-45-00-00. 2-25, Calif.

Notes to submarines subject to change in area designation.

CAUTION

Temporary changes in depths made by excavation are not indicated on this chart. See Notice to Mariners.

LOREN LINEAR INTERPOLATOR

Official Mileage for Cost Accounts

Sheet No. Sq. Miles

TP-00392 2

TP-00393 4

TP-00394 2

TP-00395 1

TP-00396 1

TP-00397 3

TP-00398 1

TP-00399 4

TP-00400 2

TP-00401 1

TP-00402 1

TP-00403 1

TP-00404 3

TP-00405 2

JOB PH-7107 DANA POINT TO POINT VICENTE CALIFORNIA SHORELINE MAPPING SCALE 1:50,000 & 1:100,000

Total 45

SUMMARY TO ACCOMPANY

TP-00392 through TP-00403

Maps included in this summary comprise the northern portion of Project PH-7107. Each of them is 1:5,000 scale with the exception of TP-00392⁷ which is 1:10,000 scale. They cover the coast of California from Anaheim Bay to Point Vicente. Each is a standard shoreline map, the purpose of which is to serve as support for contemporary hydrographic operations conducted in the area and to provide up-to-date shoreline for nautical chart construction.

The area is heavily populated with an accompanying high incidence of marine construction. Several major changes have occurred along the shoreline during the life of this survey due to construction.

Field operations prior to delineation consisted of the recovery and identification of horizontal control used for bridging and, also, leveling operations conducted in connection with the tide coordinated infrared photography which was used to delineate the mean lower low water line.

Bridging was done in the Rockville Office by analytic triangulation methods in September, 1973. Ratios were determined and ordered at that time.

Compilation was by Wild B-8 instrument method at the Atlantic Marine Center. Field edit was performed during the spring of 1975 and 1976. Edit data was applied to the maps at the Atlantic Marine Center.

Final Review was performed at the Atlantic Marine Center during the fall of 1978. The original base maps and all pertinent data was forwarded to the Rockville Office for reproduction and final registration.

7

FIELD INSPECTION

Field work prior to compilation was limited to the recovery and identification of horizontal and vertical control for use in the bridge and coordination of mean lower low water tide elevation. There was no clarification of photographic details.

PHOTOGRAMMETRIC PLOT REPORT

Part 2

Dana Point to Point Vicente

California

Job PH-7107

September 1973

21. AREA COVERED

The area covered by this report is along the west coast of California. This area is covered by one 1:10,000 scale sheet TP-00397 and eleven 1:5,000 scale sheets TP-00392 thru TP-00396 and TP-00398 thru TP-00403.

22. METHOD

Two strips of 1:30,000 scale color photography were bridged by analytic aerotriangulation methods. Sketch #1 shows the flight line of the photography and the placement of the control used in this adjustment. The two strips were controlled by field identified control paneled in 1972. Old control, which was office identified, was floated for checks. Ties were made between strips five and six. Strip number five was adjusted using 3 horizontal stations as control with one old station as a check. Strip number six was adjusted using 7 horizontal stations as control with 3 old stations as checks. Compilation points were located between strips #5 and #6 (1:30,000 scale photography) to control the 1:15,000 scale compilation photography, strips 10, 14, 15, 19, 20, and 21. Common points were located between strip 5 and 6 and the hydro support photography (1:15,000), strips 29 and 30, to determine the ratio scale. Sketch #2 shows the flight lines of the compilation and hydro support photography. Common points were located between strip 6 and strips 11 and 12 to determine only the ratio scale.

Difficulty in adjusting the strips occurred in the area of Long Beach Red Band Steel Tank, 1920. Points in this area approached the limits for National Map Accuracy Standards. This is the result of trying to obtain 1:5,000 scale sheets from 1:30,000 scale photography with several models being very weak. (Less than 1/2 model) The lower altitude strips were not bridged because the points for bridging would only be as good as the high altitude bridges. No difficulty is expected in detailing the compilation (1:15,000 scale models) however, if difficulty is encountered in the weak area, there are numerous office identifiable stations which could be used to help set up the models.

One model (Photos 72L2894, 72L2895) was set in the E-8. The four compilation points were held. Two triangulation stations and one substation were used as checks. All three held within 0.1 mm.

Data for ruling projections were furnished to the Coradomat to be plotted on the California zones 6 and 7 coordinate system.

23. ADEQUACY OF CONTROL

The control was adequate.

24. SUPPLEMENTAL DATA

USGS quadrangles were used to provide vertical control for the adjustment.

25. PHOTOGRAPHY

The photography was adequate as to coverage, overlap and definition.

Respectfully submitted,

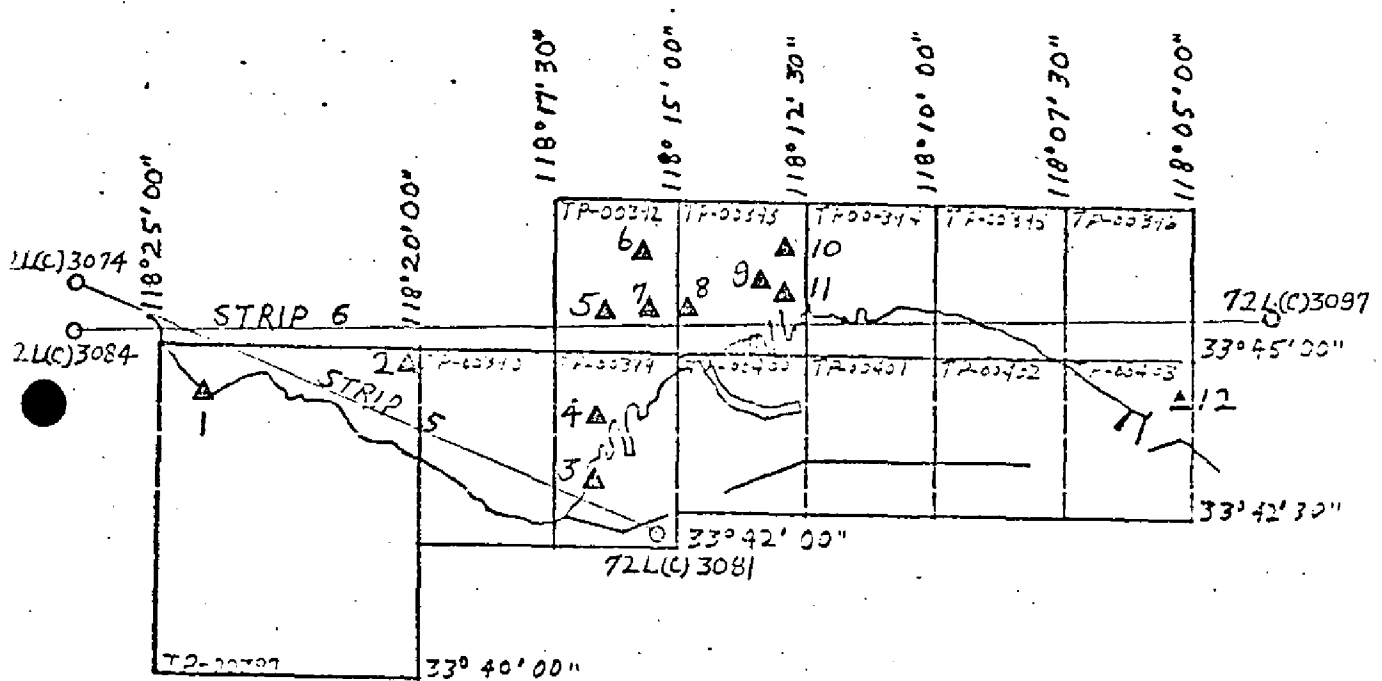
Ivey O. Raborn
Ivey O. Raborn

Approved and forwarded:

John D. Perrow, Jr.
John D. Perrow, Jr.
Chief, Aerotriangulation Section

NOTES TO COMPILER

Strip number 13, which covers the breakwater, cannot be controlled or set in stereo instruments. This area must be compiled by field methods.



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DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-00395	JOB NO. PH-7107	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODEIC DATUM NA 1927		GEOGRAPHIC POSITION		REMARKS FORWARD BACK
				COORDINATES IN FEET STATE <u>California</u> ZONE <u>6</u>	ϕ LATITUDE λ LONGITUDE	ORIGINATING ACTIVITY Division, Norfolk, Va.		
LONG BEACH, 1920		Quad 331181 STA. 1011		X=	ϕ 33 45	38.414	1183.5 (665.1)	
				Y=	λ 118 09	06.343	163.2 (1380.9)	
				X=	ϕ			
				Y=	λ			
				X=	ϕ			
				Y=	λ			
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COMPUTED BY	A. C. Rauck, Jr.			COMPUTATION CHECKED BY F. R. Gustafson		DATE	10/17/73	
LISTED BY				LISTING CHECKED BY		DATE		
HAND PLOTTING BY				HAND PLOTTING CHECKED BY		DATE		

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

COMPILATION REPORT

TP-00395

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:15,000 scale photography.

Island White and the mean lower low water line were delineated graphically using infrared photography at a scale of 1:15,000.

32. CONTROL:

See the Photogrammetric Plot Report, Part II dated September, 1933.

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:

The mean high water line and alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

36. OFFSHORE DETAILS:

The offshore drilling platform, Island B, was delineated graphically using tide coordinated infrared photography.

37. LANDMARKS AND AIDS:

Compilation office prepared work copies of Forms 76-40 were forwarded to the field editor for verification, location and/or deletion.

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 Long Beach, CA, scale 1:24,000, dated 1964.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with National Ocean Survey Chart 5148, scale 1:18,000, 17th edition, dated February 24, 1973.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Albert C. Rauck, Jr. FOR
Gary R. Vanderhaven
Cartographer
January 2, 1974

Approved:

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

June 15, 1978

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH=7107, Dana Point to Point Vicente, California

TP-00395

Alamitos Bay

Belmont Shore

Island White

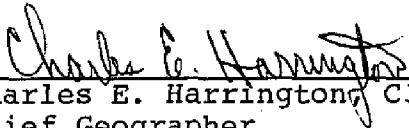
Long Beach (locality)

Marine Stadium

Naples

San Pedro Bay

Approved by:


Charles E. Harrington, C3x8
Chief Geographer

PHOTOGRAMMETRIC OFFICE REVIEW

TP - 00395

12

1. PROJECTION AND GRIDS ALS	2. TITLE ALS	3. MANUSCRIPT NUMBERS ALS	4. MANUSCRIPT SIZE ALS
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY ALS	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 ALS	11. DETAIL POINTS ALS
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE ALS	13. LOW-WATER LINE ALS	14. ROCKS, SHOALS, ETC. ALS	15. BRIDGES ALS
16. AIDS TO NAVIGATION ALS	17. LANDMARKS NA	18. OTHER ALONGSHORE PHYSICAL FEATURES ALS	19. OTHER ALONGSHORE CULTURAL FEATURES ALS
PHYSICAL FEATURES			
20. WATER FEATURES ALS	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 NA
CULTURAL FEATURES			
27. ROADS ALS	28. BUILDINGS ALS	29. RAILROADS NA	30. OTHER CULTURAL FEATURES NA
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES ALS	34. JUNCTIONS ALS		35. LEGIBILITY OF THE MANUSCRIPT ALS
36. DISCREPANCY OVERLAY ALS	37. DESCRIPTIVE REPORT ALS	38. FIELD INSPECTION PHOTOGRAPHS NA	39. FORMS ALS
40. REVIEWER A. L. Shands 1/22/74		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>A. L. Shands</i> A. L. Shands 7/2/76		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
Reviewer: <i>P. O. Neter</i> 7/76			
43. REMARKS See form 76-36C, item 8 of Field Edit Operations.			

FIELD EDIT REPORT

13a

MAP TP-00395

ALAMITOS BAY

MARCH 1976

Field work on map TP-00395 was completed by LTJG G.P. Kosinski and ENS G.E. Leigh during March, 1976. The eastern portions of the map manuscript, including Alamitos Bay and Marine Stadium, were investigated by the NOAA Ship RAINIER in October, 1974. Revisions to the map manuscript were indicated on the field edit ozalid, which was transmitted to the NOAA Ship FAIRWEATHER for application to boatsheet FA-5-1-76 (H-9592), a survey of Alamitos Bay, conducted during March, 1976. Detached positions were taken by the hydrographer that represent the objects existent at the time of hydrography; these positions appear in the hydrographic records, H-9592. Refer to paragraph four of the introduction to these reports for further details.

METHOD

For the remainder of this map, a copy of the field edit ozalid was examined in the field. The four navigational lights around Island White were located by theodolite traverse. For details, see Horizontal Control Report, OPR-411-FA-76. Two wooden piling/dolphins, near the basin at Island White, were located by sextant resection. For positions of these items, refer to attached form 76-40 or table of field edit fixes.

ADEQUACY OF COMPILATION

Compilation of this map is generally good. The shore was regular, sandy beach, except around Island White, where the shore was composed of riprap. Hydrography was conducted in Alamitos Bay and Marine Stadium only.

RECOMMENDATIONS

It is recommended that the building at approximately 33°45'45"N, 118°09'26"W remain as charted on charts 18746, 18749, and 18751. The building is tall and visible out to sea, but its shape is not distinct; on the smaller scale chart 18746, the item should remain charted as a landmark, with the center of the building indicated. On the larger scale charts 18749 and 18751, the shape of the building is significant; on these charts, the structure should remain a chart feature. This map should be revised in accordance with the notes on the ozalid, and be accepted as an advanced manuscript.

Respectfully submitted:

Gregory P. Kosinski

Gregory P. Kosinski, LTJG, NOAA

MAP TP-00395
TABLE OF FIELD EDIT FIXES

136

<u>Fix Number</u>	<u>Object</u>	<u>Position</u>
77-01 ✓	Dolphin/Pilings ✓	33°45'09.215"N, 118°09'37.313"W ✓
77-02 ✓	Dolphin/Pilings ✓	33°45'10.622"N, 118°09'35.941"W ✓
77-03 ✓	Dolphin/Pilings ✓	Approximately 7 feet off the east end and two feet south of the line formed by the north edge of the Island White pier.

✓LAL

REVIEW REPORT
TP-00395

SHORELINE

September 18, 1978

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Not applicable.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with a copy of Final Verified Smooth Sheets H-9674 (FA-5-5-77), H-9592 (FA-5-1-76) and H-9673 (FA-5-4-77).

Two dolphins shown on H-9692 at lat. 33 45.2', lonf. 118 07.8' are not visible on the photography are not shown on the map.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Charts 18749 1:18,000 scale, 21st edition, dated March 26, 1977 and 18751, 1:12,000 scale 24th edition, dated March 18, 1978.

The westerly one of two large buildings located at the shore and of Belmont Pier is shown on the chart as one building. It is shown on the map as two buildings. The photographs support the map delineation.

The pile shown on the chart east of the end of Belmont Pier is not visible on the photography and is not shown on the map.

There is a noticable difference in the configuration of the shoreline at the north end of Marine Stadium and the placement of the shoreline and piers along the north shore of Naples. The photographs support the map delineation.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the Project Instructions and meets the requirements for Bureau Standards and the National Standards of Map Accuracy.

Submitted by:

A. L. Shands

A. L. Shands
Final Reviewer

Approved for forwarding:

Bill H. Barn
for
Chief, Photogrammetric Branch, AMC

Approved:

[Signature]
Chief, Photogrammetric Branch

[Signature]
Chief, Coastal Mapping Division

