

TP-00408

TP-00408

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. PH-7107 Map No. ... TB-00408 ...

Classification No. Final Edition No. 1

Field Edited Map

LOCALITY

State California

General Locality Dana Point to Point Vicente ...

Locality Upper Newport Bay

1971 TO 1974

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Atlantic Marine Center, Norfolk, Virginia OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr		SURVEY TP. <u>00408</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB PH. <u>7107</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Atlantic Marine Center, Norfolk, Virginia OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation Aug 17, 1971 Compilation Nov 05, 1971 Supplement Oct 09, 1973 Amendment 1 Oct 30, 1973 Amend. 1 to Supp. 1 Jan 28, 1974		Premarking March 1, 1971 Premarking Supplement 1 February 25, 1972	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE 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		D. Brant	Nov 1971
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY		D. Phillips D. Phillips	Oct 1971 Oct 1971
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 SCALE: 1:7,500 CONTOURS BY CHECKED BY		L. O. Neterer A. L. Shands NA NA	Dec 1971 Dec 1971
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth drafted CONTOURS BY CHECKED BY SCALE: 1:5,000 HYDRO SUPPORT DATA BY CHECKED BY		C. E. Blood B. Wilson NA NA C. E. Blood B. Wilson	Jan 1972 Jan 1972 NA NA Dec 1971 Jan 1972
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		B. Wilson	Jan 1972
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		I. Perkinson F. Margiotta	Mar 1975 Jul 1975
7. COMPILATION SECTION REVIEW BY		F. Margiotta	Jul 1975
8. FINAL REVIEW BY		A. L. Shands	Aug 1978
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		A. L. Shands	Nov 1978
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		A. K. Heywood	Feb 1980
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		E. L. DAUGHERTY	JUN 1980

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 <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				ZONE Pacific	<input checked="" type="checkbox"/> STANDARD
				MERIDIAN 120th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
71L(C) 1617&1618	3/5/71	13:26	1:15,000	0.2 ft. of MLLW	
*71L(I) 2006-2009	3/6/71	15:16	1:15,000	*-0.2 ft. of MLLW	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The MHWL was compiled from office interpretation of the above listed ~~compilation~~
~~photos not identified above~~ photography. A.L.S.

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

*The MLLWL was compiled from the above listed tide coordinated infrared 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
No Contemp. Survey	No Contemp. Survey	TP-00410	TP-00407

REMARKS

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
71L(C) 1617&1618	3/5/71	13:26	1:15,000	0.2 ft. of MLLW
*71L(I) 2006-2009	3/6/71	15:16	1:15,000	*-0.2 ft. of MLLW

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The MHWL was compiled from office interpretation of the above listed ~~compilation~~
~~photos not identified above.~~ *photography. A.L.S.*

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

*The MLLWL was compiled from the above listed tide coordinated infrared photo-
 graphy.

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 Contemp. Survey	No Contemp. Survey	TP-00410	TP-00407

REMARKS

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

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	CDR C. A. Burroughs	Sept 1974
2. HORIZONTAL CONTROL	RECOVERED BY FAIRWEATHER personnel	Sept 1974
	ESTABLISHED BY FAIRWEATHER personnel	Sept 1974
	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 None	
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY LTJG A. D. Anderson	Sept 1974
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)

Map TP-00408 (Field Edit copy); and Field edit Report
OPR-411-FA-74, Map TP-00408

NOAA FORM 76-36D
(3-72)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	Feb 1972	Class III Manuscript	None	Feb 3, 1972
Field edit applied. Compilation complete	Mar/30/75	Class I manuscript	Jun/7/76	
Final Review	Aug 1978	Final	Nov 1978	

II. LANDMARKS AND AIDS TO NAVIGATION None

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

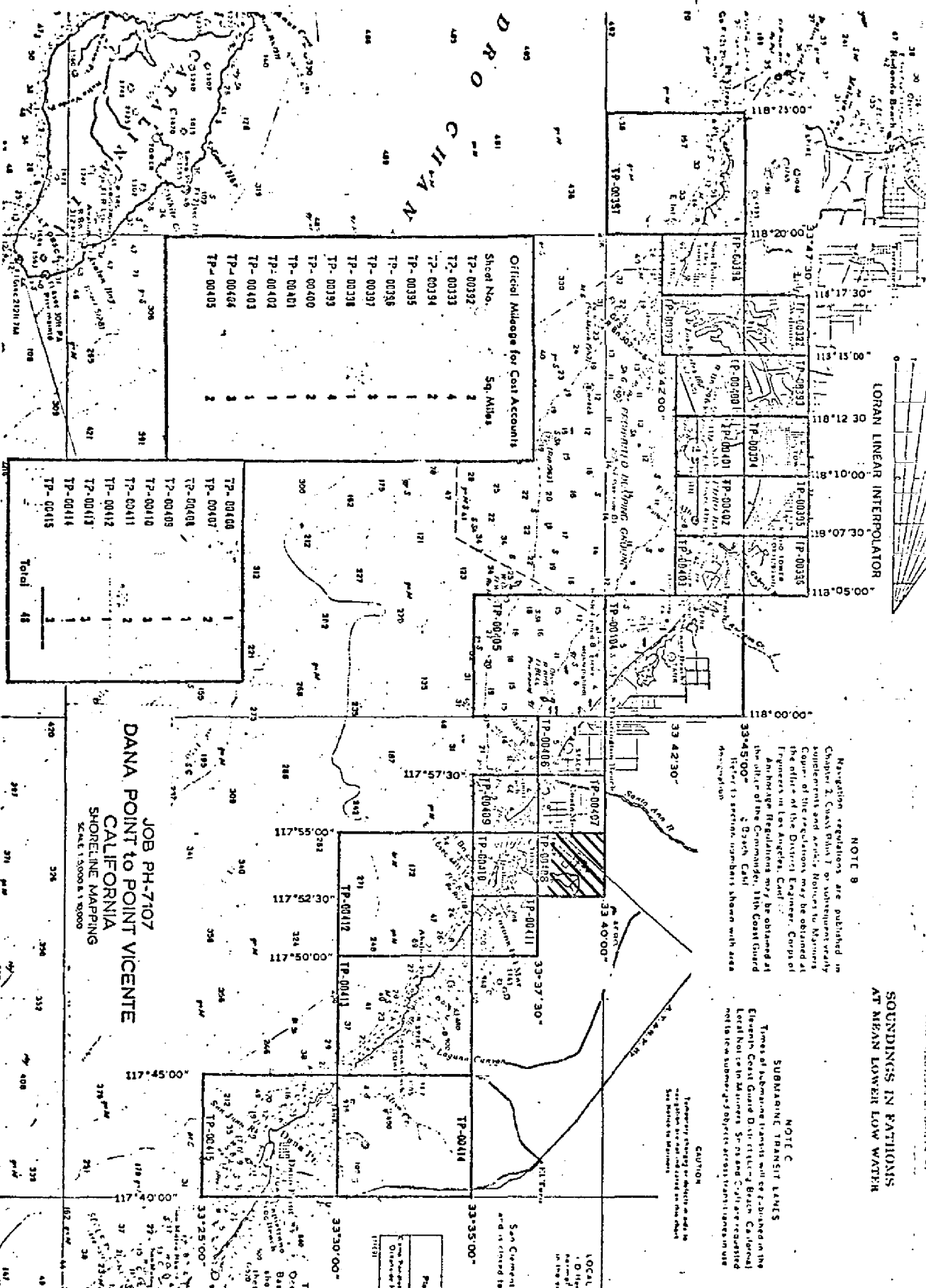
III. FEDERAL RECORDS CENTER DATA

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 <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> 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 1 or subsequent yearly supplements and Article Notices to Mariners. Copies of the regulations may be obtained at the office of the District Engineer, Corps of Engineers in Los Angeles, Calif.

Anchor Regulations may be obtained at the office of the Commander, 11th Coast Guard District, 5 Beach, Calif.

Refer to section numbers shown with area description.

NOTE C

SUBMARINE TRANSIT LINES

Times of submarine transit will be furnished in the Evening Coast Guard Daily Bulletin (California). Total hours to determine S. and C. are read as noted in the submarine's object across transit lines in use.

CAUTION

Temporary changes or additions to soundings are not indicated on this sheet. See Notice to Mariners.

D R O C H A N

SUMMARY TO ACCOMPANY

TP-00404 through TP-00415

Maps included in this summary comprise roughly the southern half of Project PH-7107. Maps TP-00406 through TP-00411 are 1:5,000 scale. TP-00404, TP-00405 and TP-00412 through TP-00415 are 1:10,000 scale.

These maps cover the mainland coast of California from Dana Point northward to Huntington Beach. Each map is a standard shoreline map the purpose, of which, is to provide shoreline in support of contemporary hydrographic operations and for nautical chart construction.

The shoreline is composed primarily of sand. Large amounts are deposited from runoff during the winter and spring rains. Much of the sand is then eroded during the dry months. This cycle of erosion and deposition causes the shoreline to meander in and out. As a result, the mean high water line throughout the entire area is constantly changing.

Field operations prior to compilation consisted of the recovery and identification of horizontal control used in the bridge and leveling operations used to establish the mean lower low water datum in connection with the tide coordinated infrared photography.

The job was bridged in two parts. Bridging for this part of the job was done at the Rockville Office in November, 1971. All ratios were determined and photographs were ordered at that time.

All maps were compiled at the Atlantic Marine Center in January and February, 1972. Field edit was accomplished in October, 1974.

Field edit application and Final Review was performed at the Atlantic Marine Center. All pertinent data was forwarded to the Rockville Office for reproduction and final registration.

7

Field Report
Project PH-7107
Dana Point to Point Vicente, California
Shoreline Mapping
February - March 1971

The field work pertaining to this project consisted of premarking horizontal control stations prior to aerial photography and furnishing tidal observations necessary for tide control photography.

Horizontal Control:

The horizontal control requirements consisted of paneling preselected triangulation stations. The panels were the conventional, white, opaque polyethylene plastic, cut to the specifications as required for 1:30,000 scale photography.

Form 152, Control Station Identification cards will be submitted for each station paneled. All of the panels are in open areas and shadows or cliffs should not be a problem. Panel array No. 1 was used exclusively, although in some instances, the length or position of the rays were altered to conform to the existing terrain.

Tide Observations:

At Newport Bay, three existing tidal bench marks were tied by spirit levels to the stop on the portable tide staff, of the operating tide gage. The values agreed favorably with the results as determined by a party from the San Francisco Field Office on 2 February 1971. Staff reading of 3.18 feet equals 0.00 feet mean lower low water.

The staff was read at least one hour prior to, during, and one hour after the anticipated or actual aerial photography. The readings were at five minute intervals to the nearest 0.05 foot. The air photo mission was informed by radio of the tide staff readings, during the overflights. The field level observations are recorded in Form 258, "Leveling Record - Tide Station".

A bubbler tide gage was installed on the Oceanside Pier, Oceanside, California, 3 March 1971 to provide tidal data for the proposed tide-controlled photography, scheduled for October 1971.

Respectfully Submitted,

Robert B. Melby

Robert B. Melby
Chief, PMC Field Party

PHOTOGRAMMETRIC PLOT REPORT

Part 1

Dana Point to Point Vicente

California

Job PH-7107

November 1971

21. Area Covered

The area covered by this report is along the west coast of California. Control was extended for the shoreline compilation of the following maps:

1:5,000 scale

TP-00406
TP-00407
TP-00408
TP-00409
TP-00410
TP-00411

1:10,000 scale

TP-00404
TP-00405
TP-00412
TP-00413
TP-00414
TP-00415

22. Method

Strip #1 (1:30,000 scale photography) was bridged using analytical aerotriangulation methods. Sketch #1 shows the flight line of the photography and the placement of the control used in the adjustment. Compilation points were located between Strip #1 and Strips #2, #3 and #4 (1:15,000 scale photography) to control the 1:5,000 scale compilation. Compilation points were also located between Strip #1 and Strip #5 (1:30,000 scale photography) where coverage from Strip #1 was not sufficient to control the 1:10,000 scale compilation. Sketch #2 shows the flight lines of the photography. Common points were located between Strip #1 and the 1:15,000 scale and 1:20,000 scale photography in order to determine the ratio scale for the hydro support photography. Natural objects such as tanks, stacks, etc. were located for hydro support parties during bridging. All data for ruling projections and plotting points for the compilation office were furnished to the Coradomat to be plotted on the California zone 6 coordinate system.

23. Adequacy of Control

Horizontal control was premarked and was adequate for bridging.

2

24. Supplemental Data

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

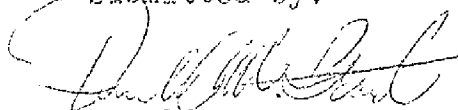
25. Photography

The following 1:30,000 scale RC-8 color photography was used in bridging Strip #1:

71-L(C)-1653 thru 1674


The definition and quality of photography was adequate.

Submitted by:



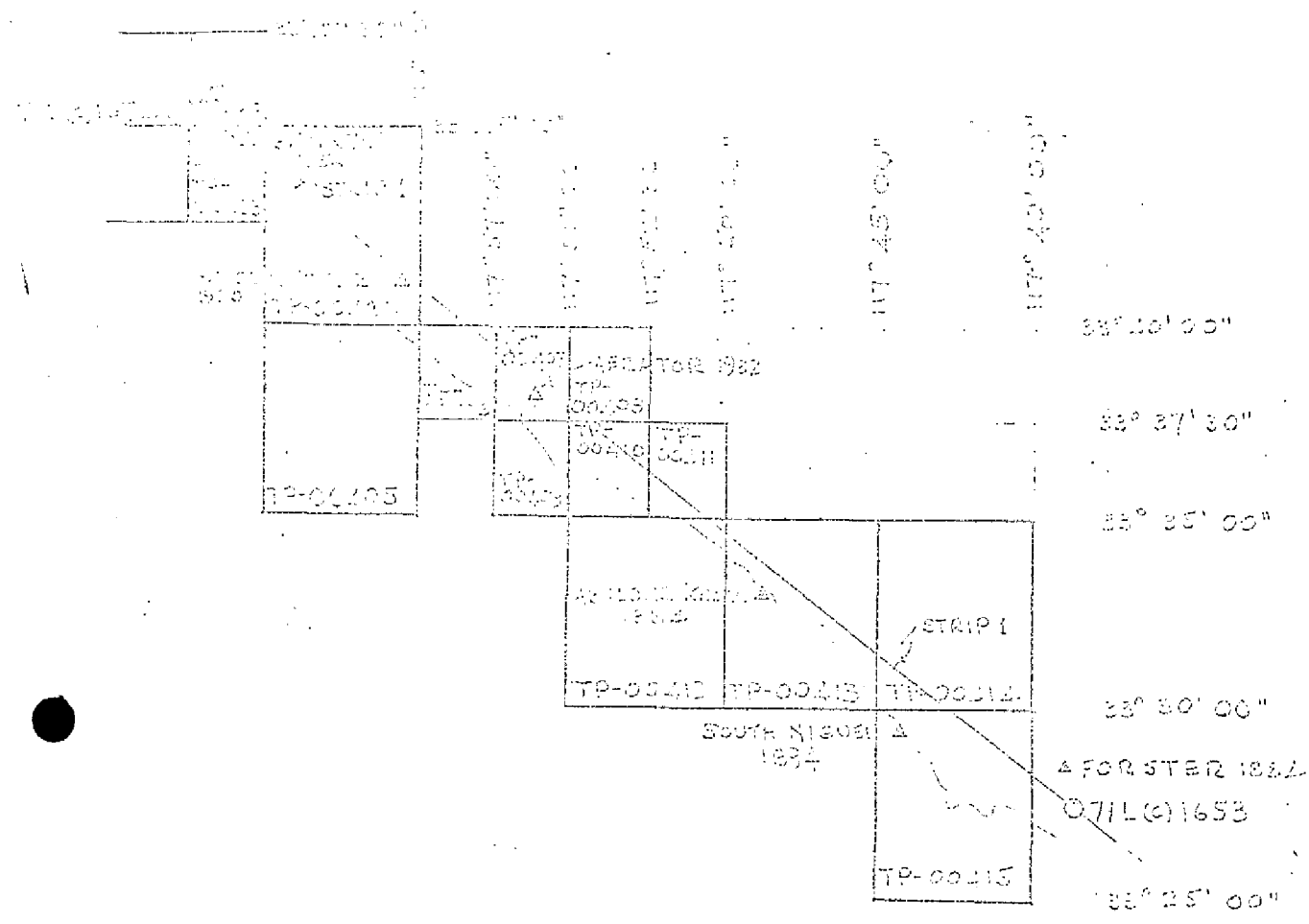
Donald M. Brant

Approved by:



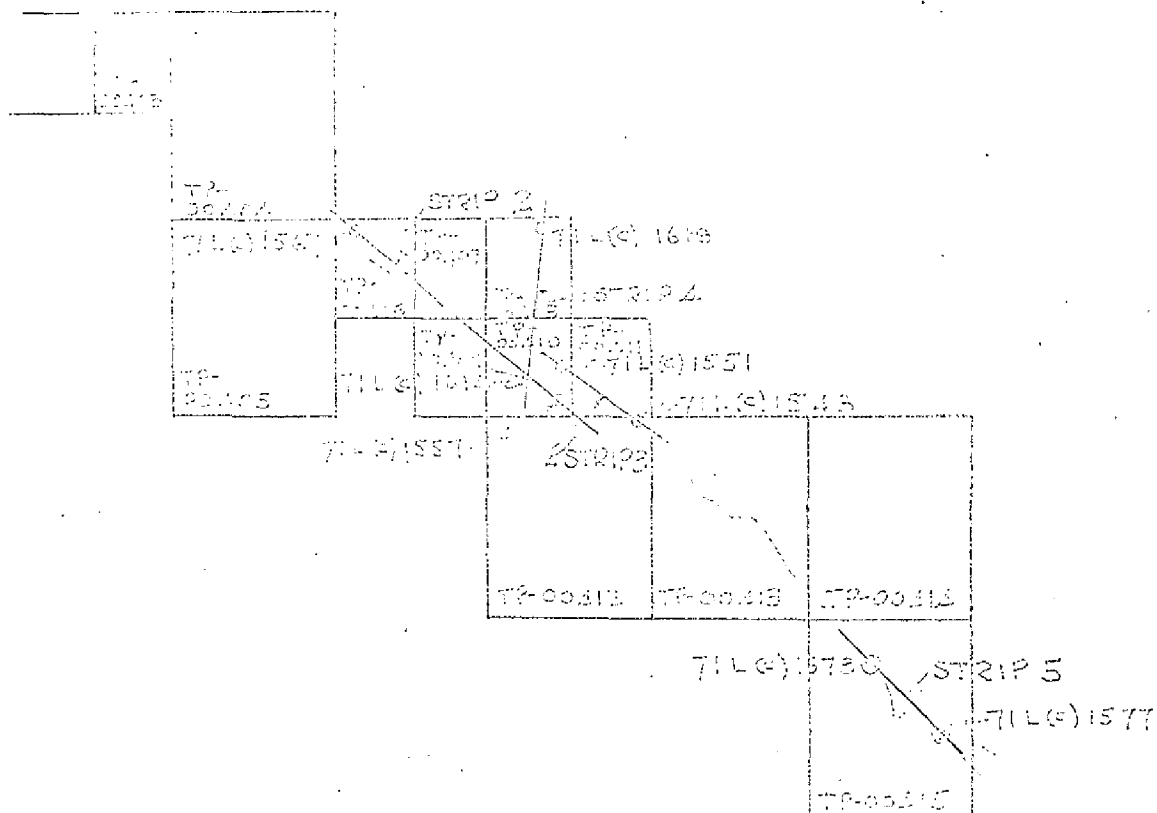
Henry E. Eichert, Chief
Aerotriangulation Section

Sketch #1 8c

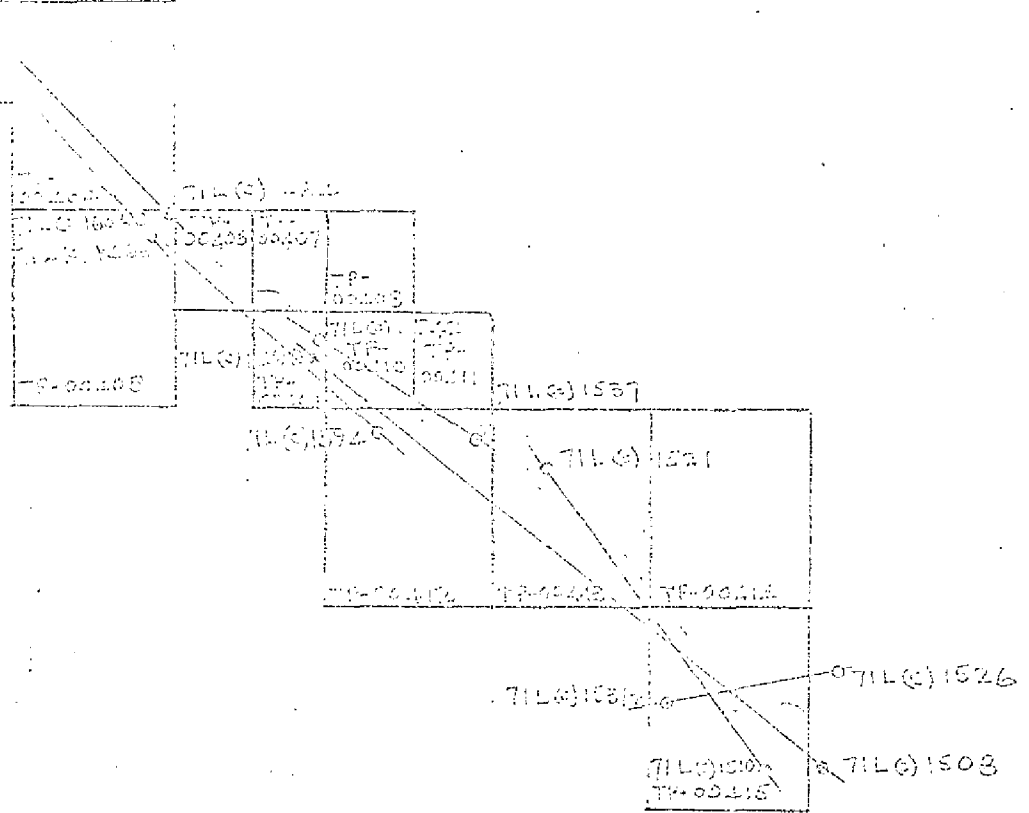


△ CONTROL USED IN ADJUSTMENT
 ○ 1:50,000 SCALE PHOTOGRAPHY

JOB PH - 7167
 DANA POINT TO POINT VICENTE
 CALIFORNIA
 SHORELINE MAPPING
 SCALE 1:10,000 & 1:5,000



0 115,000 PHOTO BATTERY
0 1150,000 PHOTO BATTERY



0 115,000 SCALE HYDROGRAPHY PHOTOGRAPH
 0 115,000 SCALE HYDROGRAPHY PHOTOGRAPH

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-00408	JOB NO. PH-7107	AEROTRI- ANGULATION POINT NUMBER	SOURCE OF INFORMATION (Index)	GEODETIC DATUM		COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY Coastal Mapping Division, Norfolk, VA.			
				STATE	NA	1927	ZONE	CALIFORNIA	6	ϕ	λ	ϕ	λ
MARE, 1928	331174 1079			X=				ϕ	33	39	30.482	939.1	909.5
				Y=				λ	117	52	40.125	1033.8	512.1
				X=				ϕ					
				Y=				λ					
				X=				ϕ					
				Y=				λ					
				X=				ϕ					
				Y=				λ					
				X=				ϕ					
				Y=				λ					
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				X=				ϕ					
				Y=				λ					
				X=				ϕ					
				Y=				λ					
COMPUTED BY A. C. Rauck		12/5/71		COMPUTATION CHECKED BY T. J. Bulfer				DATE 12/14/71					
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-00408

31. DELINEATION:

The Wild B-8 stereoplotter was used. Photo coverage was adequate.

There was no field inspection prior to compilation.

32. CONTROL:

See Photogrammetric Plot Report, Part 1, dated November 1971.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are inapplicable.

Drainage has been delineated from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

The mean high water line and foreshore areas were delineated from office interpretation of the photographs.

The low water line was delineated with the infrared photography taken at mean lower low water.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

None.

38. CONTROL FOR FUTURE SURVEYS:

No statement.

39. JUNCTIONS:

See form 76-36b.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

Comparison has been made with USGS Quadrangle Newport Beach, Calif., scale 1:24,000, dated 1965.

47. COMPARISON WITH NAUTICAL CHARTS:

Comparison has been made with Chart No 5108, 11th edition, dated February 27, 1971, scale 1:10,000.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

C. E. Blood

C. E. Blood
Jan. 3, 1972

Approved:

Albert C. Rauck, Jr.

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

June 16, 1978

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7107, Dana Point to Point Vicente, California

TP-00408

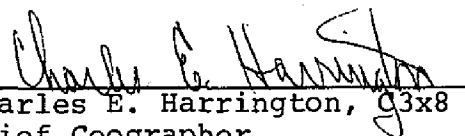
Big Canyon

Santa Ana Heights

The Narrows

Upper Newport Bay

Approved by:


Charles E. Harrington, G3x8
Chief Geographer

PHOTOGRAMMETRIC OFFICE REVIEW

TP - 00408

12

1. PROJECTION AND GRIDS BW	2. TITLE BW	3. MANUSCRIPT NUMBERS BW	4. MANUSCRIPT SIZE BW
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY BW	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 BW	11. DETAIL POINTS BW
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE BW	13. LOW-WATER LINE BW	14. ROCKS, SHOALS, ETC. BW	15. BRIDGES NA
16. AIDS TO NAVIGATION BW	17. LANDMARKS BW	18. OTHER ALONGSHORE PHYSICAL FEATURES BW	19. OTHER ALONGSHORE CULTURAL FEATURES BW
PHYSICAL FEATURES			
20. WATER FEATURES BW	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 BW
CULTURAL FEATURES			
27. ROADS BW	28. BUILDINGS BW	29. RAILROADS NA	30. OTHER CULTURAL FEATURES BW
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES BW	34. JUNCTIONS BW		35. LEGIBILITY OF THE MANUSCRIPT BW
36. DISCREPANCY OVERLAY BW	37. DESCRIPTIVE REPORT BW	38. FIELD INSPECTION PHOTOGRAPHS NA	39. FORMS BW
40. REVIEWER <i>Albert C. Rauck, Jr.</i> B. Wilson 1/14/72		SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> A. 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>I. Perkinson</i> I. Perkinson 5/30/75 Reviewer: F. Margiotta 7/75		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
43. REMARKS <i>F. Margiotta</i> Field Edit applied from; See Form 76-36c, item 8, of Field Edit operations.			

FIELD EDIT REPORT

Map TP-00408
Newport Bay
Newport Beach, California
September, 1974

Field Edit of map TP-00408 was accomplished by LTJG Alan Anderson and LTJG Andrew Snella during September 1974. Inspection was done from skiffs, on foot and from motor vehicle when required.

METHOD

Field photographs and a copy of the field edit ozalid were examined in the field. The mean high water line was verified by visual comparison of the shore and the ozalid in the field. Several discrepancies were noted on the ozalid. Fixes and height information were not needed as the ozalid was very accurate. All times are based on Greenwich Mean Time.

ADEQUACY OF COMPILATION

Compilation of this map is good. 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 the fix information be accepted as an advance manuscript.

Respectfully submitted,

Alan D. Anderson

Alan D. Anderson
LTJG, NOAA

Approved and forwarded:

Freddie L. Jeffries

Freddie L. Jeffries
CDR, NOAA
Comdg., NOAA Ship FAIRWEATHER

REVIEW REPORT
TP-00408

SHORELINE

August 1, 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 Sheet H-9471 (FA-5-2-74). In several instances soundings above the mean lower low water datum are shown slightly seaward of the mean lower low water line represented on the map. The field editor indicates that some deposition did occur between the time of photography and the time of edit. Those soundings are probably the result of that deposition. See note on field edit ozalid.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 18754, 1:10,000 scale, 12th edition, dated April 19, 1975.

The position and configuration of the shoreline and alongshore details are significantly different on the chart than on the map. Many of the piles shown on the chart are not shown on the map. Their existence was verified by the field editor but no positions were submitted. They are not 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 Map Accuracy.

Submitted by:

A. L. Shands

A. L. Shands
Final Reviewer

Approved for forwarding:

Billy H. Barn

for Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

W. O. R. For
Chief, Coastal Mapping Division

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-00408

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.

[illegible]