

TP-00409

TP-00409

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. ... TP-00409 .....  
Classification No. Final Edition No. .... 1 .....  
Field Edited Map

### LOCALITY

State ..... California .....  
General Locality Dana Point to Point Vicente .....  
Locality ..... Newport Beach .....  
.....

1971 TO 1974

### REGISTRY IN ARCHIVES

DATE .....



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

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "L"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Pacific	
				MERIDIAN	
				120th	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
71L(C) 1598-1600	Mar/5/71	13:04	1:15,000	0.0 above MLLW ±0.2 ft. of MLLW**	
71L(I) 1978-1980R	Mar/7/71	14:53	1:15,000		

REMARKS

## 2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was delineated from office interpretation of the above listed photographs.

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

\*\*The mean lower low water line was delineated using 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
TP-00407	TP-00410	No contemporary Survey	No Contemporary Survey

REMARKS

TP-00409  
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. B. Melby	
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 <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> 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-00409

## 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 FAIRWEATHER personnel	Sept 1974
	LOCATED (Field Methods) BY FAIRWEATHER personnel	Sept 1974
	IDENTIFIED BY FAIRWEATHER personnel	Sept 1974
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY LTG 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)

71L(C) 1542

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-00409 (Field Edit copy); and Field Edit Report, OPR-411-FA-74,  
Map TP-00409

1\_abstract of fix angles

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	Jan., 1972	Class III manuscript	None	Feb/3/72
Field edit applied. Compilation complete.	Jan., 1975	Class I manuscript	Jun/7/76	
Final Review	Aug., 1978	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		May/24/76	Landmark to be deleted
1		May/24/76	Landmark to be charted
1		May/24/76	Aids to be charted

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: May 24, 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 <sup>76-40</sup> ~~300~~ 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

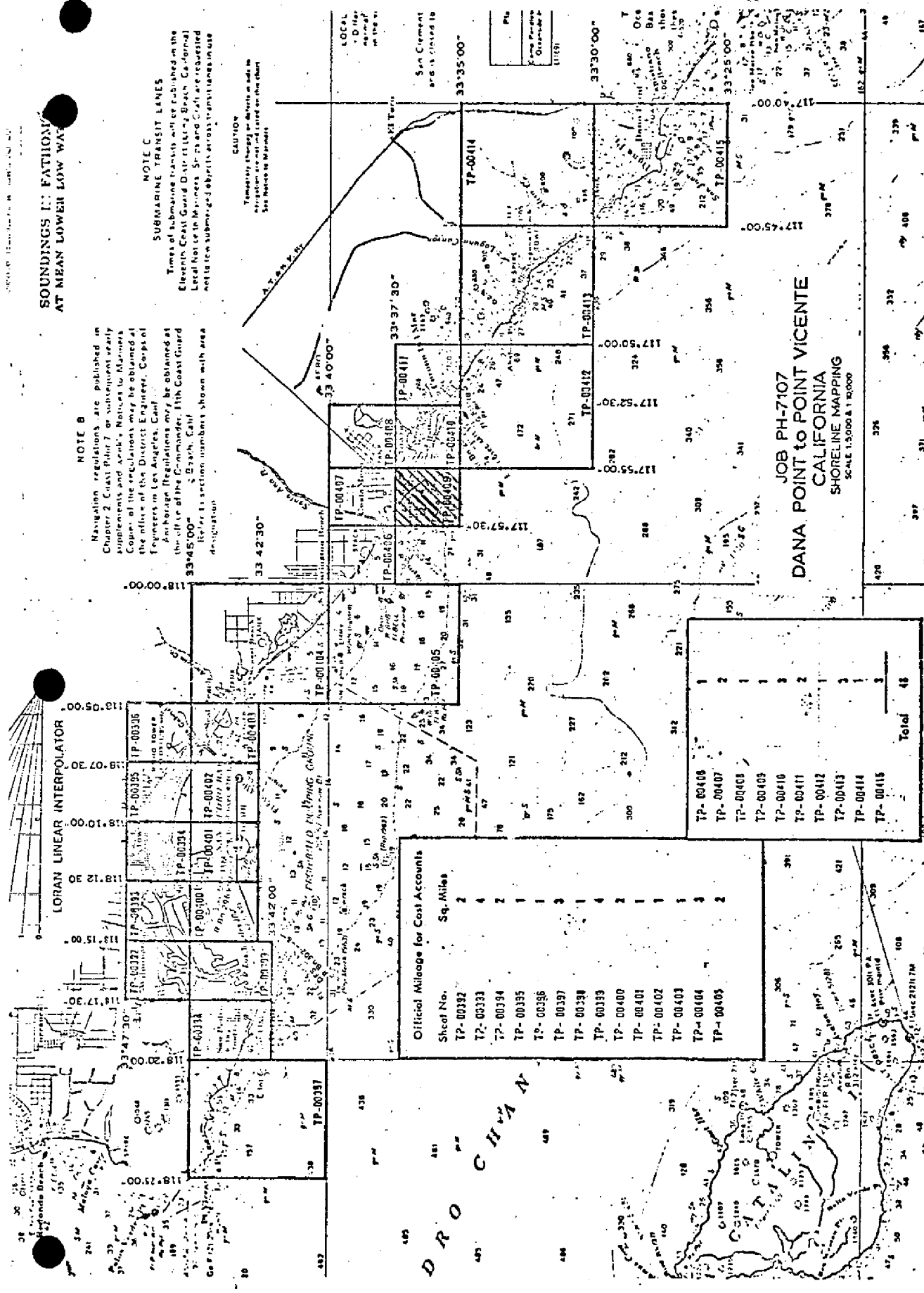
Navigation regulations are published in Chapter 2, Coast Pilot 7 or subsequent yearly Supplements and Amendments. Notices to Mariners Copies of the regulations may be obtained at the office of the District Engineer, Corps of Engineers in Los Angeles, Calif.  
Anchorage Regulations may be obtained at the office of the Commander, 11th Coast Guard District, 2550 S. Main, San Francisco, Calif.  
Refer to section numbers shown with area designation.

## NOTE C SUBMARINE TRANSIT LINES

Times of submarine transits will be published in the Enderby Coast Guard District (Los Angeles, California) Local Notice to Mariners. Ship and Craft are cautioned not to cross submarine transit lines shown in this chart.

## CAUTION

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



JOB PH-7107  
DANA POINT TO POINT VICENTE  
CALIFORNIA  
SHORELINE MAPPING  
SCALE 1:5000 & 1:10000

## 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

TP-00406	1
TP-00407	2
TP-00408	1
TP-00409	3
TP-00410	2
TP-00411	1
TP-00412	3
TP-00413	1
TP-00414	3
TP-00415	3
<b>Total</b>	<b>48</b>

## 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.

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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:

<u>1:5,000 scale</u>	<u>1:10,000 scale</u>
TP-00406	TP-00404
TP-00407	TP-00405
TP-00408	TP-00412
TP-00409	TP-00413
TP-00410	TP-00414
TP-00411	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.

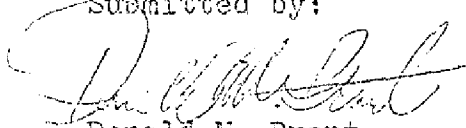
25. Photography

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

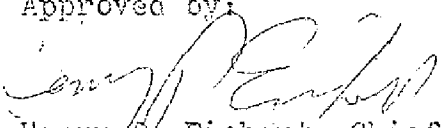
71-L(C)-1653 thru 1674

The definition and quality of photography was adequate.

Submitted by:

  
Donald M. Brant

Approved by:

  
Henry P. Eichert, Chief  
Aerotriangulation Section

APRIL 1982

TP-00405

TP-00406

TP-00407

TP-00408

TP-00409

TP-00410

TP-00411

TP-00412

TP-00413

TP-00414

TP-00415

SOUTH NIGOE

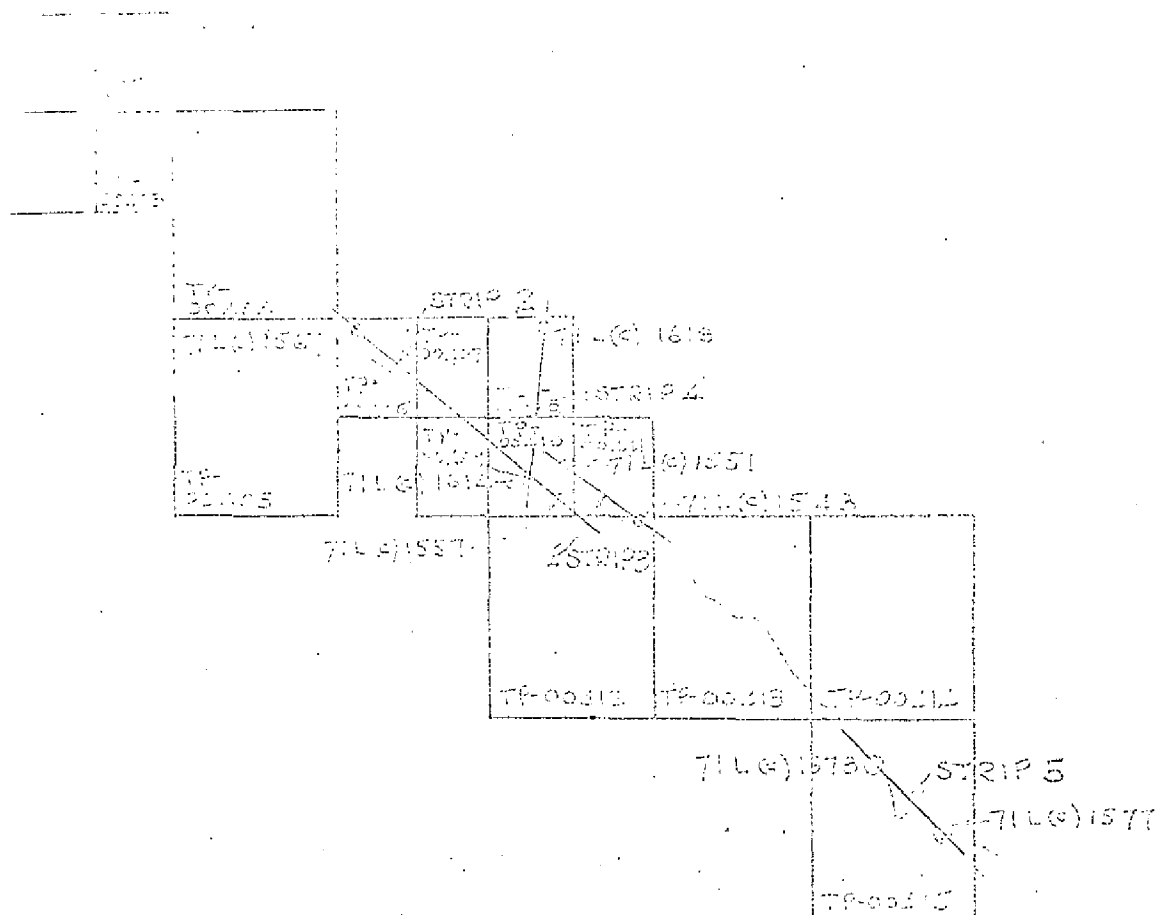
STRIP 1

A

A CONTROL USED IN ADJUSTMENT  
© 130,000 SCALE PHOTOGRAPHY

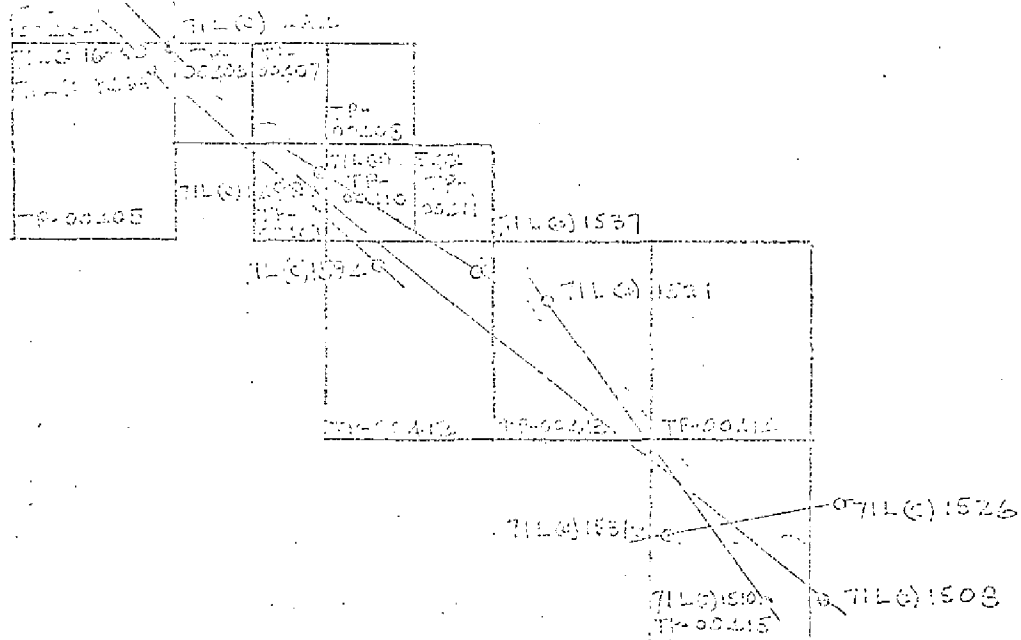
JOB PH - 7:07  
DANA POINT TO POINT VICENTE  
CALIFORNIA  
SHORELINE MAPPING  
SCALE 1:10,000 / 1:25,000





0 115,000 PHOTOGRAPHY  
0 115,000 PHOTOGRAPHY

10/1/73



0 115,000 SCALE HYDRO CORRECTION PHOTOGRAPHY  
 0 115,000 SCALE HYDRO CORRECTION PHOTOGRAPHY

## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODETTIC DATUM		ORIGINATING ACTIVITY		REMARKS	
TP-00409		PH-7107		NA 1927		Division, Norfolk, Va.		Coastal Mapping	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE California ZONE 6	GEOGRAPHIC POSITION $\phi$ LATITUDE $\lambda$ LONGITUDE					
NEWPORT BEACH, HOAG MEMORIAL HOSPITAL TOWER 1962	331174 1187		X=	$\phi$ 33 37	29.089		896.2	(952.3)	
			Y=	$\lambda$ 117 55	44.518		1147.5	(399.5)	
NEWPORT BEACH, LIDO ISLE GOLD DOME, 1933	331174 1188		X=	$\phi$ 33 36	39.074		1203.8	( 644.7)	
			Y=	$\lambda$ 117 55	02.457		63.3	(1483.5)	
NEWPORT BEACH, OUR LADY OF MT. CARMEL CROSS, 1953	331174 1189		X=	$\phi$ 33 36	24.448		753.2	(1095.3)	
			Y=	$\lambda$ 117 55	09.823		253.2	(1293.6)	
IRV 1, 1974	NOAA form 76-39 (Field Computation)		X=	$\phi$ 33 37	27.996		862.5	( 986.0)	
			Y=	$\lambda$ 117 55	45.998		1185.6	( 361.0)	
			X=	$\phi$					
			Y=	$\lambda$					
			X=	$\phi$					
			Y=	$\lambda$					
			X=	$\phi$					
			Y=	$\lambda$					
			X=	$\phi$					
			Y=	$\lambda$					
			X=	$\phi$					
			Y=	$\lambda$					
COMPUTED BY H. Gann		DATE 12/14/71	COMPUTATION CHECKED BY F. P. Margiotta				DATE 12/14/71		
LISTED BY		DATE	LISTING CHECKED BY				DATE		
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY				DATE		

## COMPILATION REPORT

TP-00409

31. DELINEATION:

The Wild B-8 plotter was used. Photograph 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, mean lower low water line and all alongshore details were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS:

None.

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 Form 76-36b, item #5.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

Comparison was made with USGS Quadrangle Newport Beach, California, scale 1:24,000, dated 1965.

47. COMPARISON WITH NAUTICAL CHARTS:

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

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

*Albert C. Rauck, Jr. FOR*  
H. Gann  
Cartographer  
January 13, 1972

Approved:

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

June 16, 1978

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GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7107, Dana Point to Point Vicente, California

TP-00409

Lido Isle

Lido Peninsula

Newport Bay

Newport Beach

Newport Beach (locality)

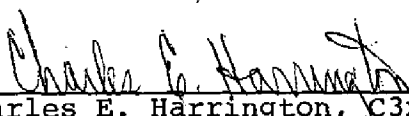
Newport Heights

Newport Island

Pacific Ocean

Turning Basin

Approved by:

  
Charles E. Harrington, C3x8  
Chief Geographer

## PHOTOGRAMMETRIC OFFICE REVIEW

TP - 00409

12

1. PROJECTION AND GRIDS RJP	2. TITLE RJP	3. MANUSCRIPT NUMBERS RJP	4. MANUSCRIPT SIZE RJP
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RJP	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 RJP	11. DETAIL POINTS RJP
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE RJP	13. LOW-WATER LINE RJP	14. ROCKS, SHOALS, ETC. RJP	15. BRIDGES NA
16. AIDS TO NAVIGATION RJP	17. LANDMARKS RJP	18. OTHER ALONGSHORE PHYSICAL FEATURES RJP	19. OTHER ALONGSHORE CULTURAL FEATURES NA
PHYSICAL FEATURES			
20. WATER FEATURES RJP	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 RJP
CULTURAL FEATURES			
27. ROADS RJP	28. BUILDINGS RJP	29. RAILROADS RJP	30. OTHER CULTURAL FEATURES RJP
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES RJP	34. JUNCTIONS RJP		35. LEGIBILITY OF THE MANUSCRIPT RJP
36. DISCREPANCY OVERLAY RJP	37. DESCRIPTIVE REPORT RJP	38. FIELD INSPECTION PHOTOGRAPHS NA	39. FORMS RJP
40. REVIEWER <i>Albert C. Rauck, Jr.</i> R. J. Pate 6/14/72		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>I. Perkinson</i> I. Perkinson 6/75		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
Reviewer: <i>A. L. Shands</i> A. L. Shands 6/75			
43. REMARKS  See Form 76-36C, item 8, of Field Edit Operations.			



FIELD EDIT REPORT

Map TP-00409  
Newport Bay  
Newport Beach, California  
September, 1974

Field edit of map TP-00409 was accomplished by LTJG Alan Anderson and LTJG Andrew Snella during September 1974. Inspection was done from skiffs and on foot 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. A change has occurred in a section of small boat moorages since the photographs of the area were taken. The new area was sketched on the field edit ozalid from visual inspection. Sextant fixes were used for verification and location of pilings in the area. Height data was not needed as all fixes were taken on pilings protruding several feet above the water at all times. Fix information and numbers are recorded on the attached sheets. All times are based on Greenwich Mean Time.

ADEQUACY OF COMPILATION

Compilation of this map is good. Field edit location of details compare well with photogrammetric location.

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



Replaces C&amp;GS Form 567.

# NON-FLOATING AND LANDMARKS FOR CHARTS

[illegible]



[illegible]

Replaces C&amp;GS Form 567.

## LANDMARKS FOR CHARTS

U.S. DEPARTMENT OF COMMERCE  
D ATMOSPHERIC ADMINISTRATION[illegible]



REVIEW REPORT  
TP-00409

SHORELINE

August 3, 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 Final Verified Smooth Sheets H-9487 (FA-10-4A&B-74-75) and H-9470 (FA-5-1-74). No differences exist between common details.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 18754, 1:10,000 scale 12th edition, dated April 19, 1975. Significantly large differences were noticed in the placement of portions of the mean high water line. These are attributed to the fact that sand deposition and erosion occurs seasonally in the area.

Many small boat facilities, piers, slips, ramps, etc. are shown differently on the chart than on the map. This is probably the results of the high incidence of construction in the area.

Street patterns are incomplete on the map. The photographs show, however, that they are adequately portrayed on the chart.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

Except that the street patterns are incomplete, 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:

*for B. H. Barn*  
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch,

*[Signature]*  
Chief, Coastal Mapping Division



TP-00 409

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

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.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.