# TP-00409

#### NOAA FORM 76-35

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

# **DESCRIPTIVE REPORT**

Type of SurveySHORELINE
Job No
Classification No. Final Edition No1  Field Edited Map
riota martoa mar
LOCALITY
State California
General Locality . Dana. Point. to. Point, Vicente
1 70 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LocalityNewport Beach
19 <sub>71</sub> TO 19 <sub>74</sub>
REGISTRY IN ARCHIVES
DATE

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

NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY SURVEY	TP- <u>00409</u>
	D ORIGINAL MAPEDIT	TON NO. (1)
DESCRIPTIVE REPORT - DATA RECORD	RESURVEY MAP CLA	ss Final
DESCRIPTION OF THE PARTY RECORD	REVISED JOB	PH7107
PHOTOGRAMMETRIC OFFICE	LAST PRECEEDING MAP ED	<del></del>
Coastal Mapping Division, AMC,	<del></del>	
Norfolk, VA	TYPE OF SURVEY JOB  ORIGINAL MAP CLAS	PH
OFFICER-IN-CHARGE	RESURVEY SURVEY	
	REVISED 19_TO	
Jeffrey G. Carlen, CDR		
1. INSTRUCTIONS DATED		
1. OFFICE	2. FIELD	
Aerotriangulation August :17, 1971	Premarking March	1, 1971
Compilation November 5, 1971	Premarking	-,
Supplement 1 October 9, 1973	_ ~	ary, 1976
Amendment 1 October 30, 1973		•
Amend. 1 to Supp. 1 January 28, 1974		
11		
II. DATUMS		
1. HORIZONTAL: XX 1927 NORTH AMERICAN	OTHER (Specify)	
XX MEAN HIGH-WATER	OTHER (Specify)	
MEAN LOW-WATER		
2. VERTICAL: XX MEAN LOWER LOW-WATER		
MEAN SEA LEVEL		<u> </u>
3. MAP PROJECTION	4. GRID(5)	
	STATE ZONE	
Polyconic	California Zone	6
5. SCALE	ZONE	
1:5,000	<u> </u>	<del></del>
OPERATIONS	NAME	DATE
1. AEROTRIANGULATION BY	D. M. Brant	Nov 1971
METHOD: Analytic LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS PLOTTED BY	D. Phillips	Oct 1971
METHOD: Coradomat CHECKED BY	D. Phillips	Oct 1971
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY	A. L. Shands	Dec 1971
COMPILATION CHECKED BY	L. O. Neterer	Dec 1971
INSTRUMENT: Wild B-8 CONTOURS BY	NA NA	<del></del>
SCALE: 1:7,500 CHECKED BY	NA H. Gann	Jan 1972
4. MANUSCRIPT DELINEATION PLANIMETRY BY	R. J. Pate	Jan 1972
CHECKED BY	NA NA	
METHOD: Smooth drafted CHECKED BY	NA	
	H. Gann	Jan 1972
SCALE: 1:5,000 HYDRO SOPPORT BATA BY	R. J. Pate	Jan 1972
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	R. J. Pate	Jan 1972
A ACCULCATION OF FIFE D FOLT DATA	I. K. Perkinson	Jun 1975
6. APPLICATION OF FIELD EDIT DATA CHECKED BY	A. L. Shands	Jun 1975
7. COMPILATION SECTION REVIEW BY	A. L. Shands	Jun 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  11. MAP REGISTERED - COASTAL SURVEY SECTION BY	A.K. Heywood E.L. DAUGHERTY	Feb 1980
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NOAA FORM 76-36B (3-72)					1	NATIONAL OCE.		TMQ\$P	HERIC AL	OF COMMERCE	
			СО	MPILATIO	N SOU	RCES		NA	TIONAL	OCEAN SURVEY	
1. COMPILATION PHOT	OCBABHY	<del>.</del>									
CAMERA(S)	OGRAFIII			TYPE	S OF P	HOTOGRAPHY					
Wild RC-8				]	LEG	•		TIME REFERENCE			
TIDE STAGE REFERENCE	CE			(0) 00	LOR		ZONE			[7]a=a	
T PREDICTED TIDES	N RECOR	DS.		(P) PA	(P) PANCHROMATIC PAC					STANDARD	
TIDE CONTROLLED				(I) INI	FRARED	•	1	Oth		DAYLIGHT	
NUMBER AND T	YPE		DATE	TIM	E	SCALE		\$T/	GE OF T	IDE	
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REMARKS				<u> </u>			<u> </u>				
2. SOURCE OF MEAN H	ICH WATI	D I INC.		<del></del>				-		<del></del>	
Z. SOUNCE OF MEAN I	1011-11411	-R CINE	•							•	
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3. SOURCE OF MEAN L	OW-WATE	R OR ME	AN LOWER L	OW-WATER	LINE:	····		<del></del>		<del></del>	
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										<u> </u>	
4. CONTEMPORARY HY	DROGRAI	PHIC SUI	RVEYS (List	only those s	urveys t	hat are sources t	or photogran	nmetric	survey inf	ormation.)	
SURVEY NUMBER	ATE(S)	_	SURVEY CO	PY USED	SURV	EY NUMBER	DATE(S)		SURVEY	COPY USED	
1											
5. FINAL JUNCTIONS				<del></del>	<del></del>		<u> </u>		<del> </del>		
NORTH		EAST	- 1	·	SOUT	No conte	mporary	WEST		ntemporary	
TP-00407			TP-0041	0	<u> </u>	Survey		<u> </u>	Surve	y	
REMARK\$							,				

5. GEOGRAPHIC NAMES:

None

None

7. SUPPLEMENTAL MAPS AND PLANS

REPORT

XX NONE

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list date submitted to the Geodesy Division)

REPORT

XX NONE

6. BOUNDARY AND LIMITS:

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

# TP-00409

	HISTORY OF FIELD	OPERATIONS	· · · · · · · · · · · · · · · · · · ·	
I. TIELD INSPECTION OF	PERATION X FIE	LD EDIT OPERATION		
	OPERATION		NAME	DATE
. CHIEF OF FIELD PARTY		CDR C. A.	Rurroughs	Sept 197
	RECOVERED BY		R personnel	Sept 19
. HORIZONTAL CONTROL	ESTABLISHED BY	T	Sept 19	
	PRE-MARKED OR IDENTIFIED BY			
	RECOVERED BY	None		
. VERTICAL CONTROL	ESTABLISHED BY	None		
	PRE-MARKED OR IDENTIFIED BY	140110		10.
	RECOVERED (Triangulation Stations) BY		R personnel	Sept 19
LANDMARKS AND AIDS TO NAVIGATION	LOCATED (Field Methods) BY		R personnel	Sept 19 Sept 19
· · · · · · · · · · · · · · · · · · ·	TYPE OF INVESTIGATION	FAIRWEATHE	R personnel	Sept 19.
. GEOGRAPHIC NAMES	COMPLETE			
INVESTIGATION	SPECIFIC NAMES ONLY	•		
	X NO INVESTIGATION			
. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	LTG A. D.	Anderson	Sept 19
BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA		
SOURCE DATA				
. HORIZONTAL CONTROL	IDENTIFIED	2. VERTICAL CO	NTROL IDENTIFIED	
None		No	ne	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	\$TATION D	ESIGNATION
	-			
. PHOTO NUMBERS (Clarifi	cation of details)			
	O NAVIGATION IDENTIFIED			
None	OBJECT NAME	PHOTO NUMBER	OBJEC	T NAME
5. GEOGRAPHIC NAMES:	REPORT X NONE	6. BOUNDARY AN	D LIMITS: REP	оят 🔀 иои
. SUPPLEMENTAL MAPS A	····			
	(Sketch books, etc. DO NOT list data subm		-	<u></u>
Map TP-00409 (F Map TP-00409	ield Edit copy); and Fiel	a Edit Keport,	OPK-411-FA-/4	+,
<sup>1</sup> _abstract of 1	fix angles			

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

#### RECORD OF SURVEY USE

		RECOI	KD OF SUKVE	1 N2F						
I. MANUSC	RIPT COPIES									
	co	MPILATION STAGE	S			DATE MANU	SCRIP	T FORWARDED		
	ATA COMPILED	DATE	RE	MARKS		MARINE CHAP	RT5 I	HYDRO SUPPORT		
	lation complete ng field edit	Jan., 1972	Class III	manuscri	ipt	None		Feb/3/72		
	edit applied. lation complete.	Jan., 1975	Class I m		Jun/7/76					
Final	Review	Aug., 1978	Fina	1		Nov 197	e			
	ARKS AND AIDS TO NAVIGA		BATA BRANCH							
NUMBER	CHART LETTER DATE									
1		May/24/76	Landmark	to be de	leted		•	·		
1		May/24/76	Landmark	to be cha	arted					
1	· · · · · · · · · · · · · · · · · · ·	May/24/76	Aids to b	e charte	d					
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	REPORT TO MARINE CHART REPORT TO AERONAUTICA							<u> </u>		
	AL RECORDS CENTER DAT									
2. 🗀	BRIDGING PHOTOGRAPHS; CONTROL STATION IDENTI SOURCE DATA (except for G ACCOUNT FOR EXCEPTION	FICATION CARDS;	X FORM NOS	S THE SUBMIT	TED BY	FIELD PART	IÉS.			
4. 🗆	DATA TO FEDERAL RECOR	DSCENTER DAT	F FORWARDED:	,						
	Y EDITIONS (This section 8	·		n adition in :-	olean					
JORTE	SURVEY NUMBER	JOB NUMBE		, surrion is re		TYPE OF SUR	VEY			
SECOND	TP -	(2) PH			RE	/ISED 🗍	RESL	JRVEY		
EDITION	DATE OF PHOTOGRAPH	DATE OF FI	ELD EDIT	□n.	<b>Д</b> ш.	MAP CLASS	i ]v.	FINAL		
	SURVEY NUMBER	JOB NUMBE	R		_	TYPE OF SURV				
THIRD	TP .	(3) PH-		,	LJREV	_		IRVEY		
EDITION	DATE OF PHOTOGRAPH	DATE OF FI	ELD EDIT	<u>□</u> π.	□m.	MAP CLASS		□FINAL		
-	SURVEY NUMBER	JOB NUMBE	R			YPE OF SURV		·		
FOURTH		. (4) PH			REV			RVĒY		
EDITION	DATE OF PHOTOGRAPH	DATE OF FI	ELD EDIT	Пп.	<u> </u>	MAP CLASS		Пении		

ē, 1000 San Clement and is closed to Oceanide to 33,30,00 Times of submassive transfer will be trubished in the Eleventh Ceal Goal Days in tilling Boah Cardensal Lead Notice to the Private Strains Custimer equested held to the submission days in service and the tensulation acts in transfer and service a 33.25.00 13135.00 å Tempolory changes or detects in aids to not potent in o not and called on the chart but before to Monday THE NOTE C SUBMARINE TRANSIT LANES C4117404 SOUNDINGS IN FATHOM AT MEAN LOWER LOW WAY The INCOME. A SECURE OF BUILDING 7P-0011 TP-0041 31.00 Ş DINT to POINT VICENTE CALIFORNIA SHORE, INE MAPPING X 44 13000 1 1000 33.37,30 Associations, are published in Mass February or extremely wardy and actually bostomes to Manness exerculations may be obtained at the District Engineer, Corps of Les Angles, Carl Regulations may be obtained at the Communities. 19th Coast Guard Stand. 2 Basely, Calif. retion combert shown with seas 33 40.00 24.0 JOB PH-7107 02,25.21 5 NOTE B Š Ē 33

#### 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.

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 Chief, PMC Field Party PHOTOGRADMETRIC PLOT REPORT
Part 1
Dana Point to Point Vicente
California

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2

# 24. Supplemental Data

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

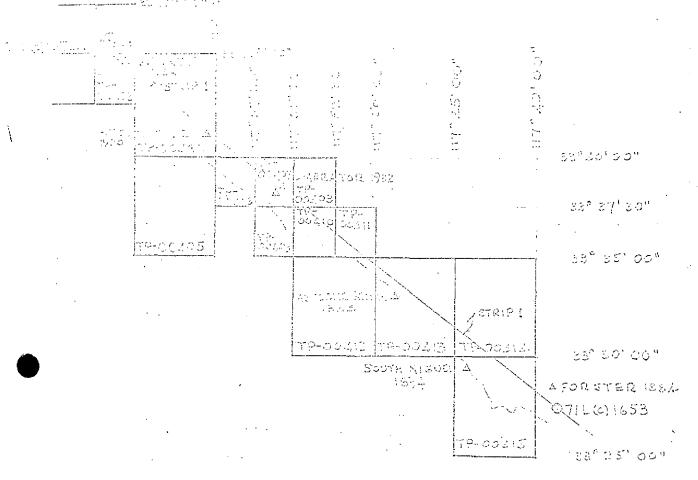


71-L(C)-1653 thru 1674

The definition and quality of photography was adequate.

-Submitted by:

Donald M. Brant



O MRO DOC SCANE PROTECTIVENT

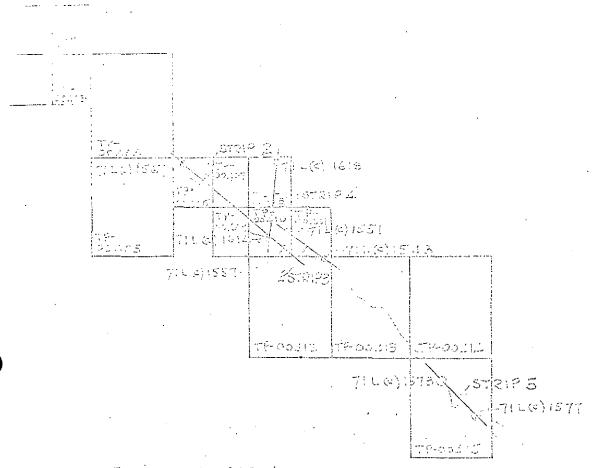
JOB PH - 7107

DANA POINT TO POINT VICENTE

CALIFORNIA

SHORELINE MAPPING

SCALE MODED \$ 15,000



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711 (a) 1851 (b) 1508

711 (c) 1526

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NUAA FUHM (0-14)		DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	DEPARTMENT	OF COMMERCE MINISTRATION
MAP NO.	JOB NO.		GEODETIC DATUM		CHICATIVITUS SALIVITUS	TVCOSCTS	Mannana
TP-00409	PH-7107		NA 1927		Division, Norfolk,	folk, Va.	erapping Butdati
	90 9000	AEROTRI-	COORDINATES IN FEET	GEOGRAPHIC POSITION	POSITION		
STATION NAME	INFORMATION (Index)	ANGULATION POINT NUMBER	state California	₩ ~	LATITUDE	FORWARD E	RKS BACK
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GOLD DOME, 1933	1188		<i>y</i> ≖	λ 117 55	02.457	63.3 (	(1483.5)
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OF MT. CARMEL CROSS, 1953	1189		y=	λ 117 55	09.823	253.2 (	(1293.6)
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COMPUTED BY H. Gann		DATE 12/14/71	COMPUTATION CHECKED BY F. I	P. Margiotta	ಭ	DATE 12/14/7	7.1
LISTED BY		DATE	LISTING CHECKED BY			DATE	
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY			DATE	
		SUPERSEDES NO	RSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.	TH IS OBSOLETE			9

#### 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.

# ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

albut c. Ranok J. For H. Gann

Cartographer January 13, 1972

Approved:

Albert C. Rauch Jr.

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

# 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:

Chief Geographer

NOAA FORM 75~74				U.S. DEPARTMENT OF COMMERCE			
(7-75)	PHO	TOGRAHMET	RIC OFFICE REVIEW	noaa National Ocean Survey			
			- 00409	12			
1. PROJECTION AND GRIDS	2 TITLE		3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE			
RJP	RJP		RJP	RJP			
CONTROL STATIONS							
S. HORIZONTAL CONTROL ST. THIRD-ORDER OR HIGHER A	ATIONS OF	6. RECOVERA OF LESS TH (Topograph)	BLE HORIZONTAL STATIONS IAN THIRD-ORDER ACCURACY c stations)	7. PHOTO HYDRO STATIONS			
RJP	<u> </u>		NA .	NA .			
8. BENCH MARKS	9. PLOTTING O	F SEXTANT	10. PHOTOGRAMMETRIC PLOT REPORT	11. OETAIL POINTS			
NA	NA		RJP	RJP			
ALONGSHORE AREAS (Neutical	Chart Data)			40,000 000 000 000 000			
72. SHORELINE	13. LOW-WATER	LINE	14. HOCKS, SHOALS, ETC.	15. BRIDGES			
RJP	RJP	-	RJP	NA			
16. AIDS TO NAVIGATION	17. LANDMARK	s	18. OTHER ALONGSHORE	19. OTHER ALONGSHORE			
	l .		PHYSICAL FEATURES	CULTURAL FEATURES			
RJP .	RJP		RJP	NA .			
PHYSICAL FEATURES							
20. WATER FEATURES	. [	21. NATURAL	GROUND COVER	22. PLANETABLE CONTOURS			
RJP	·		NA .	NA			
23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS	IN GENERAL	25. SPOT ELEVATIONS	26, OTHER PHYSICAL FEATURES			
NA	NA		NA	RJP			
CULTURAL FEATURES	<del></del>						
27. ROADS	28. BUILDINGS		29. RAILROADS	30. OTHER CULTURAL FEATURES			
RJP	RJP		RJP	RJP			
BOUNDARIES	<u></u>		<u> </u>				
31. BOUNDARY LINES	<u> </u>	······································	32. PUBLIC LAND LINES	NA NA			
NA		·		W.			
MISCELLANEOUS	· · · · · · · · · · · · · · · · · · ·						
33. GEOGRAPHIC NAMES		34 JUNCTION	<b>š</b>	35. LEGIBILITY OF THE MANUSCRIPT			
RJP	٠	R	JP	RJP			
36. DISCREPANCY OVERLAY	37. DESCRIPTION		38, FIELD INSPECTION	39. FORMS			
1.			111010011111				
RJP 40. REVIEWER	RJP	· · · · · · · · · · · · · · · · · · ·	NA  SUPERVISOR, REVIEW SECTI	RJP			
allut c. Rauci	R. h. FOR		albert C. Ra	<i>'</i>			
R. J. Pate	6/14/7	2 .	Albert C. Rauck,	Jr.			
41. REMARKS (See attached shee	<del></del>	<del></del>					
FIELD COMPLETION ADDITION	S AND CORRECT						
42. Additions and corrections script is now complete, exc	fumished by the cept as noted and	e field complet er item 43.	ion survey have been applied	to the manuscript. The manu-			
COMPILER I. Perkinson	6/75		ISUPERVISORY & A	much 1			
Reviewer: A. L. Sha			Albert C. Rauck	Ir J.			
43. REMARKS	and	· <del></del>	Albert G. Kauck	9 U.L.			
See Form 76-36C, ite	em 8, of Fie	ld Edit Op	erations.				

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# 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 copyrof 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,

Clan J. anderson

Alan D. Anderson LTJG, NOAA

Approved and forwarded:

Freddie L. Jeffries

CDR, NOAA

Comdg., NOAA Ship FAIRWEATHER

9	ARTY	RTY LIVITY /	L & REVIEW GRP.	sible personnel)		CHARTS	AFFECTED		18335	==		7							14a
	ORIGINATING ACTIVITY  HYDROGRAPHIC PARTY  GEODETIC PARTY			(See reverse for responsible personnel)	NOT- ACC - BO B	on reverse side)		FIELD	Triang. Rec. Sept.1974	Not recovered		= =							
	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION KS FOR CHARTS	DATE	June, 197		METHOD AND DATE OF 100	(See instructions on reverse side)		OFFICE	71L(C) 1600 March, 1971	71L(c) 1542 March, 1971		`							
	U.S. DEPART) AND ATMOSPHEF		Dana Point to Point Vicente	e as landmarks.	,		LONGITUDE	/ // D.P. Meters	45.998	02.157		55 253 2							
)	PLANDMARKS FOR CHARTS	LOCALITY	Dana Point to Point Vicente	ermine their valu	N.A.1927	POSITION		D.M. Meters	27.996 117	711		117							
	DMARKS I		rnia /	award to det	5		LATITUDE	, ,	33 37	33 36		33 36				1			
	1	STATE	Div. California	been inspected from sec	TP-00409			or aid to navigation. applicable, in parentheses)	L Hospital Laces TOWER) /	ole Gold	Lady of Mount.								
		(Field Party, Ship or Office)	Coastal Mapping Div.	HAVE TA HAVE NOT been inspected from seaward to determine their value as landmarks.	Ph-7107		DESCRIPTION	(Record resson for deletion of landmark or aid to navigation.) Show triangulation station names, where applicable, in parentheses)	Ten Story Hoag Memorial Hospital	(Newport Beach, Lido Isle Gol Dome, 1933)	(Newport Beach, Our Lad	ross, 1953)				•			
27 72 112	(8-74) Replaces C&GS Form 567.	TO BE CHARTED		The following objects OPR PROJECT NO.					3			<b>S</b> .		•					
11011	(8-74) Replaces	TO B		The follope PRC			CHARTING	NAME	BUILDING	DOME	- CDTDD	T I							

DATE COMPLATION PARTY

COMPLATION ACTIVITY

June, 1975 PINAL REVIEWER

COAST PILOT BRANCH (See reverse for responsible personnel) 146 18335 AFFECTED CHARTS ORIGINATING ACTIVITY = HYDROGRAPHIC PARTY GEODETIC PARTY Sept.1974 METHOD AND DATE OF LOCATION (See instructions on reverse side) Sept.1974 F-V-Vis. F-3-8-L FIELD = = 71L(c) 1542 March, 1971 U.S. DEPARTMENT OF COMMERCE OCEANIC AND ATMOSPHERIC ADMINISTRATION OFFICE = Ė = D.P. Meters 24.79 0t.62 their value as landmarks. 14,12 163 364 / .35, 119. 639 LONGITUDE ana Point to oint Vicente . برر N N **7**2, N.A.1927 CHARTS / 117 117 117 117 ۰ NOLTION ters

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:

Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch,

Chief, Coastal Mapping Division

# **RECORD OF APPLICATION TO CHARTS**

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-00 409

# 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 Paris

CHART	DATE	CARTOGRAPHER	REMARKS
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18746	6-24-80	6 James	Full Part Before After Verification Review Inspection Signed Via
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