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 naroa map
LOCALITY
State California
General Locality . Dana. Point. to. Point, Vicente
100
LocalityNewport Beach
19 ₇₁ TO 19 ₇₄
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>
	l <u></u>	ITION NO. (1)
DESCRIPTIVE REPORT - DATA RECORD	RESURVEY MAPCL	ass Final
DESCRIPTION OF THE PART RECORD	REVISED JOB	PH7107
PHOTOGRAMMETRIC OFFICE	LAST PRECEEDING MAP E	
Coastal Mapping Division, AMC,		
Norfolk, VA	TYPE OF SURVEY JOB	PH
OFFICER-IN-CHARGE	I =	DATES:
	REVISED 19_TO	
Jeffrey G. Carlen, CDR		
1. INSTRUCTIONS DATED		
1. OFFICE	2. FIELD	<u>-</u>
Aerotriangulation August :17, 1971	Premarking Marc	h 1, 1971
Compilation November 5, 1971	Premarking	,
Supplement 1 October 9, 1973	·	uary, 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		·
3. MAP PROJECTION	4. GRID(5)	
	STATE ZONE	
Polyconic	California ZONE	6
5. SCALE	STATE	
1:5,000 III. HISTORY OF OFFICE OPERATIONS	<u> </u>	
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	
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 NA	
	H. Gann	Jan 1972
SCALE: 1:5,000 HYDRO SUPPORT BATA BY	R. J. Pate	Jan 1972
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	R. J. Pate	Jan 1972
BY	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	A.K. Haywood	Feb 1980
11, MAP REGISTERED - COASTAL SURVEY SECTION BY	E. L. DAUGHERTY	ا 1980 لمرن5 ا



NOAA FORM 76-36B				1	NATIONAL OCE		TMQ\$P	HERIC AL	OF COMMERCE
		CO	MPILATIO	N SOU	IRCES		NA	TIONAL	DCEAN SURVEY
1. COMPILATION PHOTOGRAPH	_								
CAMERA(S)	<u>'</u>		TYPE	S OF P	HOTOGRAPHY				
Wild RC-8 "L"			}		END		TIME	REFER	ENCE
TIDE STAGE REFERENCE			(0) 00	LOR		ZONE			□ ∀
The replication reconsists a reference station reconstruction reco	30s		(P) PA	NCHRO	MATIC	Pa MERIDI	cific	·	X STANDARD
TIDE CONTROLLED PHOTOG			(I) INI	FRAREC	•	1	Oth		DAYLIGHT
NUMBER AND TYPE		DATE	TIM	E	SCALE		\$T/	GE OF T	IDE
71L(C) 1598-1600 71L(I) 1978-1980F		r/5/71 r/7/71	13:0 14:5		1:15,000			e MLLV of MLI	
REMARKS			<u> </u>		1				
2. SOURCE OF MEAN HIGH-WAT	ED I INC						-		
2. JOURGE OF REAL HISTORIA	LK CINE	•							
The mean high water above listed photog			neated	from	office int	erpreta	tion	of the	2
•									
3. SOURCE OF MEAN LOW-WATE	RORME	AN LOWER L	OW-WATER	LINE:					
**The mean lower lo coordinated infrare	w wate d phot	er line w cography.	as deli	neate	d using th	e above	list	ed tid	le
				,					
					. <u>.</u>				<u> </u>
4. CONTEMPORARY HYDROGRA	PHIC SU	RVEY\$ (List	only those s	urveys t	hat are sources t	or photogran	nmetric	survey inf	ormation.)
SURVEY NUMBER DATE(S)		SURVEY CO	PY USED	SURV	EY NUMBER	DATE(S)		SURVEY	COPY USED
5. FINAL JUNCTIONS									
NORTH #97 00/07	EAST		_	SOUT	No conte	mporary	WEST		ntemporary
TP-00407		TP-0041	0	<u> </u>	Survey		<u> </u>	Surve	у
REMARKS						,			I
								•	

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 FIEL	OPERATIONS	<u>.</u>	
I. TIELD INSPECTION OF	PERATION X FIE	LD EDIT OPERATION		
	OPERATION		NAME	DATE
. CHIEF OF FIELD PARTY		CDR C. A.	Rurroughs	Sept 1974
	RECOVERED BY		R personnel	Sept 1974
. HORIZONTAL CONTROL	ESTABLISHED BY		R personnel	Sept 1974
	PRE-MARKED OR IDENTIFIED 6			
	RECOVERED BY	None		
. VERTICAL CONTROL	ESTABLIŞHED BY	None		
	PRE-MARKED OR IDENTIFIED B	110110		107/
	RECOVERED (Triangulation Stations) B		R personnel	Sept 1974
LANDMARKS AND AIDS TO NAVIGATION	LOCATED (Field Methods) B		R personnel	Sept 1974 Sept 1974
· · · · · · · · · · · · · · · · · · ·	TYPE OF INVESTIGATION	, FAIRWEATHE	R personnel	Sept 1974
. GEOGRAPHIC NAMES	COMPLETE			
INVESTIGATION	SPECIFIC NAMES ONLY	′		
	X NO INVESTIGATION			
. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	LTG A. D.	Anderson	Sept 1974
. BOUNDARIES AND LIMITS				•
SOURCE DATA				
. HORIZONTAL CONTROL	IDENTIFIED	2. VERTICAL CO	NTROL IDENTIFIED	
None		No	ne	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION D	ESIGNATION
. PHOTO NUMBERS <i>(Clarifi</i>	cation of details)			
71L(C) 1542 L LANDMARKS AND AIDS T	O NAVIGATION IDENTIFIED			
None			<u>-</u>	<u></u>
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJEC	TNAME
S, GEOGRAPHIC NAMES:	REPORT X NONE	6. BOUNDARY AN	DLIMITS: REP	ORT X NONE
. SUPPLEMENTAL MAPS A				
	(Sketch booke, etc. DO NOT list data sub-		-	
Map TP-00409 (F Map TP-00409	ield Edit copy); and Fiel	d Edit Report,	OPR-411-FA-74	' + ,
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

		RECOI	KD OF SUKVE	1 N2F				
I. MANUSC	RIPT COPIES							
	co	MPILATION STAGE	S			DATE MANUS	CRIPT	FORWARDED
	ATA COMPILED	DATE	RE	MARKS		MARINE CHAR	₹Т5 Н	ORO SUPPORT
	lation complete ng field edit	Jan., 1972	Class III	manuscri	ipt	None	F	eb/3/72
	edit applied. lation complete.	Jan., 1975	Class I m	anuscript		Jun/7/76		
Final	Review	Aug., 1978	Fina	1		Nov 1978	3	
								ţ.
	ARKS AND AIDS TO NAVIGA		BATA BRANCH					
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	DATA BRANCH	· · · · · · · · · · · · · · · · · · ·	REM	ARKS		
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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						<u> </u>		
	SECOND TO MARINE CHARL	DUMBIN CONST	DU AT DRANGU	D. T. T. T. D. D. W.			1076	
	REPORT TO MARINE CHART REPORT TO AERONAUTICA							
	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 PARTI	ES.	
4. 🗆	DATA TO FEDERAL RECOR	POSICENTER DAT	F FORWARDED:	,				
	Y EDITIONS (This section 8	·		n adition in :-	olean			
JORTE	SURVEY NUMBER	JOB NUMBE		, surrion is re		TYPE OF SURV	ΈΥ	
SECOND	TP -	(2) PH			RE	/ISED 🗍	RESUR	VEY
EDITION	DATE OF PHOTOGRAPH	TY DATE OF FI	ELD EDIT	□n.	n	MAP CLASS	v.	FINAL
	SURVEY NUMBER	JOB NUMBE	R .		_	TYPE OF SURV		_
THIRD	TP .	(3) PH-		,	LJREV	_	RESUR	VEY
EDITION	DATE OF PHOTOGRAPH	DATE OF FI	ELU EDIT	□n.	□m.	MAP CLASS	٧.	□FINAL]
-	SURVEY NUMBER	JOB NUMBE	R			YPE OF SURV		
FOURTH		. (4) PH			REV		RESÚR	VĒY
EDITION	DATE OF PHOTOGRAPH	DATE OF FI	ELD EDIT	Пп.	<u> </u>	MAP CLASS		n

San Ciement and is claimed to 13,30,00 Times of submanne transfer and or published in the Eleventh Ceast Guid District Level Brach Carlornal Level Not cetch havings 57 75 and Craft are requested. 13135.00€ and to the authors and abjects across transmissions and the NOTE C SUBMARINE TRANSIT LANES Tempolosy changey or def Abryphium grand ind caled Son Holice to Mondes SOUNDINGS III FATHON AT MEAN LOWER LOW WAY , E JOB PH-7107 DANA POINT to POINT VICENTE the office of the Dictort Engineer, Corps of 33 40'00" CALIFORNIA SHORELINE MAPPING 240 02,25.21 5 2 Baach, Calif NOTE B Š ŝ # Total CORAN LINEAR INTERPOLATOR 72- 00408 TP- 00407 12-00409 TP-00408 TP-00412 TP-00413 17-00410 179-00411 TP-00414 TP- 00415 Official Milaage for Cast Accounts ş -0ε.Δι -0ε.Δι TP- 60193 TP- 00400 TP- 0040\$ TP- 00331 TP: 00402 12-00333 72-00394 TP- 00335 T?- 00396 TP- 60401 TP- 00403 TP- 00 (64 Sheat No. TP- 00392 TP- 00397 200 TP-00387 **5**7 2 Car in Part Print

5

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 PHOTOGRALLETRIC 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	1:10,000 scale
TP-00406	TP-00404
TP-00407	TP-00405
TP00408	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 Coradonat to be plotted on the California zone 6 coordinate system.

23. Adequacy of Control

Horizontal control was premarked and was adequate for bridging.

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

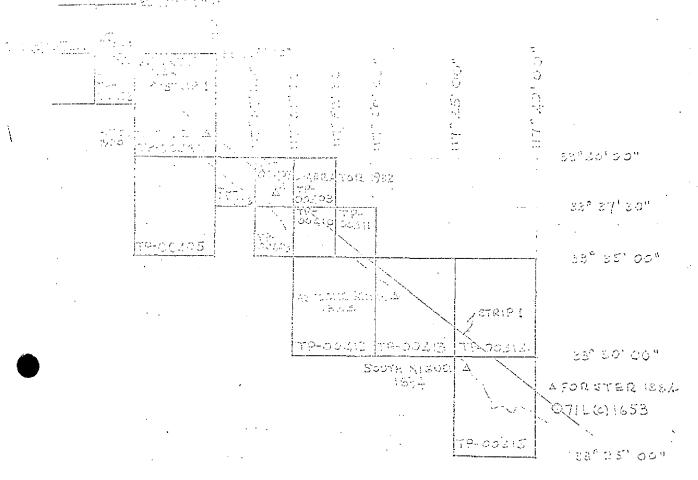
The definition and quality of photography was adequate.

Submitted by:

Donald M. Brant

Approved by:

Henry/P/ Eichert, Chief Aerotriangulation Section



O MRO DOC SCANE PROTECTIVENT

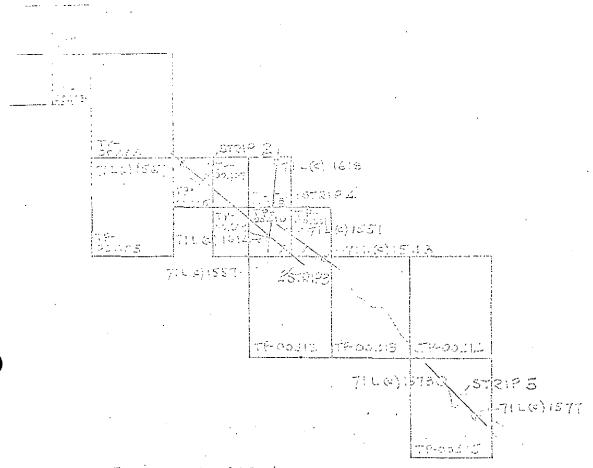
JOB PH - 7107

DANA POINT TO POINT VICENTE

CALIFORNIA

SHORELINE MAPPING

SCALE MODED \$ 15,000



0 1150,000 PHOTO GIVERY 0 01 11 000 31 41

711 (a) 1851 (b) 1508

711 (c) 1526

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NUAA FORM (0-4)		DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	DEPARTMENT	DF COMMERCE MINISTRATION
NA P NO.	JOB NO.		GEODETIC DATIN		OBIGINATING ACTIVITY OF ET	10000	Vaporino
TP-00409	PH-7107		NA 1927		Division, Norfolk,	folk, Va.	gutddeu
	90 9000	AEROTRI-	COORDINATES IN FEET	GEOGRAPHIC POSITION	POSITION		
STATION NAME	INFORMATION (Index)	ANGULATION Point Number	state California zone 6	# ~	LATITUDE	FORWARD E	RKS
NEUDODT DEACH HOAD	731174		χ=	ф 33 37	29.089	896.2	(952.3)
HOSPIT	7 1		-ĥ	λ 117 55	44.518	1147.5	(399.5)
NEWPORT BEACH, LIDO ISLE	331174		-χ	ф 33 36	39.074	1203.8	(644.7)
GOLD DOME, 1933	1188		<i>y</i> ≖	λ 117 55	02.457	63.3 ((1483.5)
NEWDORT REACH OIR LANY	331174		<i>-</i> χ∈	φ 33 36	24.448	753.2 ((1095.3)
OF MT. CARMEL CROSS, 1953	1189		y=	λ 117 55	09.823	253.2 ((1293.6)
TRV 1 1974	NOAA form		χ=.	ф 33 37	27.996	862.5 ((0.986
	76239101111 (Field Computation)	utation)	<i>y</i> =	λ 117 55	45.998	1185.6 (361.0)
			<i>=</i> χ	ф			
			η=	γ			
			=X	ф			
			=ħ	γ			
			×ε	ф			
			=ĥ	γ			
			=X	φ			
			<i>h</i> =	γ			
			-χ	Ф.			
			β=	٧			
			χ=	Ф			
			y a	~			
COMPUTED BY H. Gann		DATE 12/14/71	COMPUTATION CHECKED BY F. I	P. Margiotta	a l	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.

47. COMPARISON WITH NAUTICAL CHARTS:

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

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

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	TOGRAMMET	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)			40.00
72. SHORELINE	13. LOW-WATER	LINE	14. HOCKS, SHOALS, ETC.	15. BRIDGES
RJP	RJP	-	RJP	NA
16. AIDS TO HAVIGATION	17. LANDMARK	s	18. OTHER ALONGSHORE	19. OTHER ALONGSHORE
	i .		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				
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		·		WG.
MISCELLANEOUS	· · · · · · · · · · · · · · · · · · ·			
33. GEOGRAPHIC NAMES		34 JUNCTION	š	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
allet c. Rauce	R. h. FOR		albert C. Ra	<i>'</i>
R. J. Pate	6/14/7	2 .	Albert C. Rauck,	Jr.
41. REMARKS (See attached shee			<u> </u>	
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 0
Reviewer: A. L. Sha			Albert C. Rauck	Ir J.
43. REMARKS	and	· 	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	4TY	L& REVIEW GRP.	sible personnel)		CHARTS	AFFECTED		18335	==	=	7								14a
	ORIGINATING ACTIVITY HYDROGRAPHIC PARTY GEODETIC PARTY	PHOTO FIELD PARTY		(See reverse for responsible personnel)	E OF LOCATION	on reverse side)		FIELD	Triang. Rec. Sept.1974	Not recovered by field edit.	=									
	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION KS FOR CHARTS	DATE	,19		METHOD AND DATE OF 100	(See instructions on reverse side)		OFFICE	71L(C) 1600 March, 1971	71L(c) 1542 March, 1971	=	`								
	U.S. DEPART) ND ATMOSPHEF		int to	as landmarks.	,		LONGITUDE	D.P. Meters	45.998	02.457		55 253.2								
)	MATIONAL OCEANIC AND MARKS FOR CHARTS	LOCALITY	Dana Point to Point Vicente	mine their value	N.A.1927	POSITION		D.M. Meters	27.996	117		753.2 117 5								
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	CONTINO	lool	ng Div.	been inspected f	TP-0		. NOIL	mark or aid to i there applicable	rial Hosp Replaces	Isle Go	Lady of Mount									
	2	Field Party Chip or Office	Coastal Mapping Div.	108 NIMBER Subset Not been inspected from seaward to determine their value as landmarks.	Ph-7107		DESCRIPTION	(Record resson tor 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 L	rmel Cross, 1953,			•					
77. 70	8-74) Replaces C&GS Form 567.	ARTED		ects					3	(Net										
1000	(8-74) Replaces C&GS For	X TO BE CHARTED	TO BE DELETED	The following objects	17		CHARTING	NAME	BUILDING	DOME	SPIRE									

NOAA FORM 76-	04:					U.S.	DEPARTM	U.S. DEPARTMENT OF COMMERCE	ORIGINATING ACTIVITY	CTIVITY
(8-74) Replaces C&GS Form 567.	ra 567.	NONFLOATING AIDS	State of the state	LAX	FOR CHARTS	ANIC AND AT	IMOSPHER	IC ADMINISTRATION	HYDROGRAPHIC PARTY GEODETIC PARTY PHOTO FIELD PARTY	ARTY
	-	<u> </u>	STATE		LOCALITY			DATE	COMPLEATION ACTIVITY	- KIII
AAA TO BE CHARTED TO BE REVISED TO BE DELETED	,	(Field Perry Ship or Office) Coastal Mapping Div. A.M.C. Norfolk.Va.		rniav	Dana Point	Dana Point to Point Vicente		June,1975		L B REVIEW GRP. NCH
The following objects	HAVEXX	1	been inspected from seaward to determine their value as landmarks	ward to det	ermine thei	r value as la	andmarks.		(See reverse for responsible personnel)	ible personne!!
OPR PROJECT NO.	}	┢	SURVEY NUMBER	DATUM		j				
117	/ Ph-7107/	- -,	TF-00409 ×		A.N.	N.A.1927		METHOD AND DA	(See instructions on reverse side)	6 0 4
					POSITION		1			CHARIS
		DESCRIPTION		LATITUDE	UDE	LONGITUDE	JOE			AFFECTED
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	PARTY	CTIVITY	FINAL REVIEWER QUALITY CONTROL & REVIEW GRP. COAST PILOT BRANCH	onsible personnel)			CHARTS	AFFECTED		18335										14	C
	HYDROGRAPHIC PARTY SEODETIC PARTY	COMPILATION ACTIVITY		(See reverse for responsible personnel)		E OF LOCATION	on reverse side)		FIELD	F-V-Vis. Sept.1974											
1000000	KS FOR CHARTS	DATE	June,19在			METHOD AND DATE OF LOCATION	(See instructions on reverse side)		OFFICE	71L(C) 1600 March,1971											
-	ATMOSPHER		to ,	· landmarks.				LONGITUDE	// D.P. Meters	114.518											
	ARTS -		Dana Point to Point Vicente	ir value as		~ 126	200	LONG		117 55											
	LANDMARKS FOR CHARTS	LOCALITY	Dana Poin	termine the		N.A.1927	POSITION		D.M. Meters	29.089											
	DMARKS		nia /	award to de	DATUM			LATITUDE		33 37,											
40	m 567.	RTED REPORTING UNIT STATE STATE	Coastal Mapping	ects	JOB NUMBER	Ph-7107 \ TP-00409 \		DESCRIPTION	(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	(Newport Beach, Hoag Wemorial Hospital Tower, 1962) /		** A new ten story hospital unit was built, and now obscures this landmark. See new form 76-40 for this new bldg.	recommended as a landmark.		•						
NOAA FORM 76	(8-74) Replaces C&GS Form 567	TO BE CHARTED	TO BE DELETED	The following objects	OPH PROJECT NO.	\ (II) \		CHARTING	NAME	** TOWER								*			

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 Revi

CHART	DATE	CARTOGRAPHER	REMARKS
8754	6-24-80	6 fames	Full Part Before After Verification Review Inspection Signed Via
		7-14-8020	Drawing No. # Exam mo corr
2740	1.74 -24		
18746	6-24-80	6 James 6-25-80 W	Full Part Before After Verification Review Inspection Signed Via
		6-25-80 PM	Drawing No. 7 35 Exa m no corr
10-06	1-10-	0.4	Full Part Before After Verification Review Inspection Signed Via
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		16-25-80 LOS	Drawing No. # 10 COFF Blam thru Chart 18746
			Full Part Before After Verification Review Inspection Signed Via
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