TP-00400

- NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of SurveyShoreline
Job No. PH-7107 Map No. TP-00400
Classification No. Final Edition No
Field Edited Map
LOCALITY
State California
General Locality Dana Point to Point Vicente
Locality Long Beach Middle Harbor
· · · · · · · · · · · · · · · · · · ·
19 ₇₂ TO 19 ₇₅
REGISTRY IN ARCHIVES
DATE

···· ☆ U,S, GOVERNMENT PRINTING OFFICE: 1974-762-901

NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE	TYPE OF SURVEY S	URVEY TP.00400
NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		URVEY TPS-100
	ORIGINAL M	APEDITION NO. (1)
DESCRIPTIVE REPORT - DATA RECORD	RESURVEY M	apclass Final
	C REVISED JO	ов Рн.
PHOTOGRAMMETRIC OFFICE	LAST PRECEEDING	MAP EDITION
Coastal Mapping Division	<u></u>	OB PH
Norfolk, Va.	_	AP CLASS
OFFICER-IN-CHARGE	I I '''	URVEY DATES:
Jeffrey G. Carlen, CDR, NOAA	REVISED 19	PTO 19
I. INSTRUCTIONS DATED		
1. OFFICE	2. FIE	LO
Aerotriangulation Aug 17, 1971	Premarking M	March 1, 1971
Compilation Nov 5, 1971	Premarking	•
Supplement 1 Oct 9, 1973	Supplement I F	Seb. 25. 1972
Amendment 1 Oct 30, 1973		
Amend. 1 to Supp. 1 Jan. 28, 1974		
Amend: 1 to Supp: 1		
	<u></u>	
II. DATUMS		
I. HORIZONTAL: A 1927 NORTH AMERICAN	OTHER (Specify)	
I. HORIZONTAL: [21] 1927 NORTH AMERICAN		
X MEAN HIGH-WATER	OTHER (Specify)	
2. VERTICAL:		
Z. VERTICAL:		
MEAN SEA LEVEL		
3. MAP PROJECTION	4. GRID)(S)
Polyconic	California zo	ONE 6
5. SCALE	STATE	DNE
1:5,000		· · · · · · · · · · · · · · · · · · ·
OPERATIONS	NAME I. D. Raborn	Sep 1973
I. AEROTRIANGULATION BY METHOD: Analytic Landmarks and aids by	1. D. Kabolii	. Sep 1973
	Allen	Sep 1973
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY	Allen	Sep 1973
	L. O. Neterer	Jul 1974
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY	R. R. White	Jul 1974
U:14 P_0	NA NA	Jul 1974
1 • 7 • 500	·	
SCALE: 1-7,500 CHECKED BY 4. MANUSCRIPT DELINEATION PLANIMETRY BY	NA C. Parker	Aug 1974
CHECKED BY	R. R. White	Aug 1974 Aug 1974
	NA	Aug 1974
METHOD: Smooth drafted CHECKED BY	NA	
HYDRÓ SUPPORT DATA BY	C. Parker	Aug 1974_
SCALE: 1:5,000 CHECKED BY	R. R. White	Aug 1974
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	R. R. White	Aug 1974
BY	C. Parker	Jul 1975
6. APPLICATION OF FIELD EDIT DATA CHECKED BY	A. L. Shands	Nov 1975
7. COMPILATION SECTION REVIEW BY	A. L. Shands	Nov 1975
7. COMPILATION SECTION REVIEW BY 8. FINAL REVIEW BY	A. L. Shands A. L. Shands	Sep 1978
8. FINAL REVIEW BY	A. L. Shands	Sep 1978

NOAA FOR	м 76-36В					IATIONAL OCC			T OF COMMERCE
(3-72)				TP-0	00400	IATIONAL OCE	ANIC AND		ADMINISTRATION - OCEAN SURVEY
			COM	PILATIO	NOS NO	RCES			
1. COMPIL	ATION PHOTOGRAPI	-IY							
CAMERA(S)		<u> </u>		TYPE	S OF PH	OTOGRAPHY			
Wild RC	:-8 ''L''			7,1, =	LEG			TIME REFE	RENCE
TIDE STAG	E REFERENCE			(c) co	LOR		ZONE		
**	TED TIDES				 NCHRON	MATIC	Pac	ific	X STANDARD
	ENCE STATION RECO			(I) INF	FRARED		120		□ DAYLIGH T
NU	MBER AND TYPE	7	DATE	TIME		SCALE	120	STAGE OF	TIDE
									
	2911 - 2913		4/72	15:00		1:15,000		above MLI	
	3031 & 3032		7/72	08:30		1:15,000		above MLI	
72L(C)	3069 & 3070	3/2	7/72	08:49		1:15,000	4.7	above MLI	_₩
			İ						
REMARKS			<u></u>						
	E OF MEAN HIGH-WA								
		•						_	
	The mean high	h water	line was	compil	led fr	rom the ab	ove lis	ted	
	photographs.								
									
3. SOURC	E OF MEAN LOW-WAT	ER OR MEA	N LOWER LO	W-WATER	LINE:				
	There was no	mean lo	wer low	water J	line o	compiled.			
						•			
						•			
	,								
									
4. CONTE	MPORARY HYDROGR	APHIC SURV	EY\$ (List on	ıly those sı	urvoys ti	at are sources	for photogram	nmetric survey li	nformation.)
SURVEY N	UMBER DATE(S)	5	URVEY COP	Y USED	SURVE	YNUMBER	DATE(S)	SURVE	Y COPY USED
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					<u> </u>				
	JUNCTIONS	less+			Leaver	<u></u>		weet	
NORTH TP-0	00393	TP-O	0401		SOUTH	lo survey		west TP-00399	
REMARKS					<u> </u>			11-00377	

NOAA FORM 76-36 (3-72)	C		NATIONA	L OCEANIC	U. S.	TMOSPHERIC	T OF COMMERCE
		TP-00400 History of Field	OPERATI	ONS		NATIONAL	. OCEAN SURVEY
I. X FIELD INSP	ECTION OF		D EDIT OPE			<u> </u>	
		DPERATION		NAM	E		DATE
1. CHIEF OF FIEL	LD PARTY	-	R B	Melby			Mar 1972
		RECOVERED BY		Melby			Mar 1972
2. HORIZONTAL	CONTROL	ESTABLISHED BY	None			İ	
		PRE-MARKED OR IDENTIFIED BY	None				
		RECOVERED BY	None				· · · · · · · · · · · · · · · · · · ·
3. VERTICAL CO	NTROL	ESTABLISHED BY	None				·
		PRE-MARKED OR IDENTIFIED BY	None				
		RECOVERED (Triangulation Stations) BY	None				
4. LANDMARKS A		LOCATED (Field Methods) BY	None				
AIDS TO NAVIO	SATION	IDENTIFIED BY	None				<u> </u>
		TYPE OF INVESTIGATION	<u> </u>				
5. GEOGRAPHIC	NAMES	COMPLETE BY	1			ł	
INVESTIGATIO	N	SPECIFIC NAMES ONLY					
		X NO INVESTIGATION					
6. PHOTO INSPEC	TION	CLARIFICATION OF DETAILS BY	None				
7. BOUNDARIES A	ND LIMITS	SURVEYED OR IDENTIFIED BY	NA				
II. SOURCE DATA							
1. HORIZONTAL	CONTROL II	DENTIFIED	2. VERTI	CAL CONTR	OL IDEI	NTIFIED	
	None			None			· · · · · · · · · · · · · · · · · · ·
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3. PHOTO NUMBE	RS (Clarific	cation of details)					
	None						
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4. LANDMARKS A	ND AIDS TO	NAVIGATION IDENTIFIED					
	None		·				
PHOTO NUMBER		OBJECT NAME	PHOTO N	UMBER		OBJECT NA	<u>МЕ</u>
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5. GEOGRAPHIC I	LAMES.	(T) BERRAT (V) WOULE	4 BOUND	A BY A NO.			
7. SUPPLEMENTA		REPORT X NONE	I O. BOUND	ARY AND L	m115:	REPORT	X NONE
/ JOEFFEMEN!	ie mara AN	IN LEVING					
	None						
8. OTHER FIELD		Sketch books, etc. DO NOT list data submit	ted to the Ge	odesy Divisi	ion)		
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	None						
	wone						
ı							

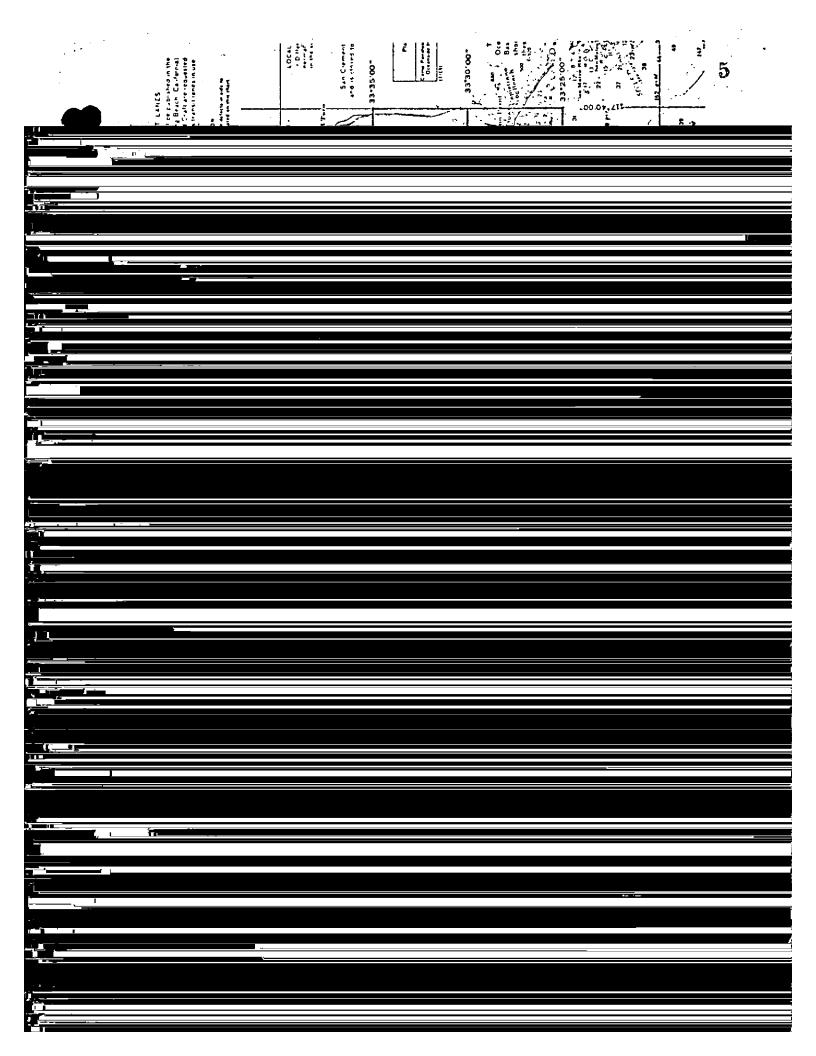
JAA FORM 76-36C -721				NATIONAL O		DEPARTMENT	DMINISTRAT
		н	TP-0040 ISTORY OF FIE	00 LD OPERATIONS	;	NATIONAL	OCEAN SURV
FIELD INSPE	CTION OPERA	TION	X) F	TELD EDIT OPERAT	ION	_ <u></u>	· · · · · · · · · · · · · · · · · · ·
	OPER	ATION			NAME		DATE
CHIEF OF FIELD	PARTY			M. Ebemin	ng, Cdr. I)avidson	Apr 1975
·			RECOVERED		.6, 00.7		
HORIZONTAL CO	NTROL		ESTABLISHED				
		PRE-MARKE	D OR IDENTIFIED	By None			
			RECOVERED	ey None			
VERTICAL CONT	ROL		ESTABLISHED	None_			
		PRE-MARKE	D OR IDENTIFIED	None			
	REC	OVERED (Tris	engulation Stations)	BY None			
LANDMARKS AND		LOCAT	ED (Field Methods)	By R. Hopkin	ns, Lt. co	ir.	Apr 197
AIDS TO NAVIGA	TION		IDENTIFIED	By None			
		TYPE OF	INVESTIGATION				
GEOGRAPHIC NA	MES	COMF		BY			
INVESTIGATION		SPEC	IFIC NAMES ONLY				
		XX NO IN	VESTIGATION				
PHOTO INSPECT	ION	CL ARIFIC A	TION OF DETAILS	By None			
BOUNDARIES AN	DLIMITS	SURVEYE	D OR IDENTIFIED	BY NA			
SOURCE DATA							
HORIZONTAL CO	NTROL IDENT	TIFIED		2. VERTICAL	CONTROL IDE	NTIFIED	
None	<u> </u>			<u>Non</u>	e		
HOTO NUMBER		STATION.N	AME	РНОТО МИМВ	ER S	TATION DESIGN	NATION
							,
PHOTO NUMBER	S (Clarification	of details)		_			
None	<u>)</u>						
LANDMARKS AND	AIDS TO NAV	/IGATION IDE	NTIFIED				
None	2						
HOTO NUMBER		OBJECT N	IAME	РНОТО NUMB	ER	OBJECT NA	ME
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GEOGRAPHIC NA	MES:	REPORT	[X] NONE	6. BOUNDARY	AND LIMITS:	REPORT	X NONE
SUPPLEMENTAL	MAPS AND PL	ANS					
	print-"	Port of L	os Angeles-F	Pipes & Utilit	ies Cross	ing Channe	els."
1-Blue line	ECORDS (Sketc	h books, etc.	DO NOT list data su	sbmitted to the Geode	sy Division)		
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NOAA FORM 76-36D (3-72)

TP-00400 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

RECORD	MIKAEL	DDE

I. MANUSCRI	IPT COPIES					
	co	MPILATION STAGE	3		DATE MANUSCRI	PT FORWARDED
DA	TA COMPILED	DATE	RE	MARKS	MARINE CHARTS	HYDRO SUPPORT
	tion complete field edit	Aug 1974	Class III	manuscrip	t 10/11/74	9/30/74
	edit applied. Ition complete.	Jul 1975	Class I m	anuscript	6/7/76	
Final l	Review	Sept 1978	Fine	a 1	Nov 1978	
	RKS AND AIDS TO NAVIGA RTS TO MARINE CHART DI		DATA BRANCH			
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	DATA BILARON		REMARKS	
1		5/24/76	Aids to	be charted		
1		5/24/76	Aids to	be revised		
1		5/24/76	Landmark	s to be ch	arted.	
		_			May 24, 1	076
3. RE	EPORT TO MARINE CHART EPORT TO AERONAUTICA	L CHART DIVISION			DED:	770
III. FEDERA	L RECORDS CENTER DAT	`A				
1. T. B	RIDGING PHOTOGRAPHS;	₩ DUPLICATE	BRIDGING REPO	RT: [V]COMP	PUTER READOUTS.	
	ONTROL STATION IDENTI			7-6-40° s XX submitte	PUTER READOUTS. D BY FIELD PARTIES.	
3. X s	OURCE DATA (except for G	eographic Names Re				
^	CCCONT FOR EXCEPTION	13.		•		
4. □□	ATA TO FEDERAL RECOF	RDS CENTER. DAT	E FORWARDED:			_
IV. SURVEY	'EDITIONS (This section s	hall be completed ea	ich time a new maj	p edition is regis	tered)	
	SURVEY NUMBER	JOB NUMBE		Γ-	TYPE OF SURVEY	
SECOND EDITION	TP -	(2) PH -		-	MAP CLASS	SURVEY
EDITION					Jui. 🗆 iv. 🔲 v.	FINAL
	SURVEY NUMBER	JOB NUMBEI	₹		TYPE OF SURVEY	
THIRD	DATE OF PHOTOGRAPH	(3) PH		<u> </u>	REVISED RES	URVEY
EDITION	DATE OF PHOTOGRAPH	TT QAIE OF FL	ELU EUIT		MAP CLASS]jii. □iv. □v.	FINAL
	SURVEY NUMBER	JOB NUMBES	₹		TYPE OF SURVEY	·
FOURTH	TP -				REVISED RES	ÜRVĒY
EDITION	DATE OF PHOTOGRAPH	TY DATE OF FI	ELD EDIT	l on. c	MAP CLASS	∏e:NAI

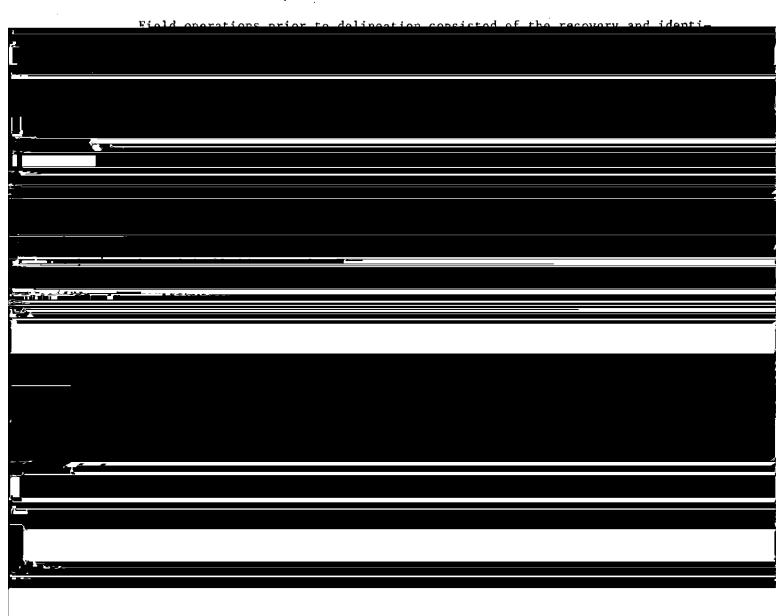


SUMMARY TO ACCOMPANY

TP-00392 through TP-00403

Maps included in this summary comprise the northern portion of Project PH-7107. Each of them is 1:5,000 scale with the exception of TP-00391 which is 1:10,000 scale. They cover the coast of California from Anaheim Bay to Point Vicente. Each is a standard shoreline map, the purpose of which is to serve as support for contemporary hydrographic operations conducted in the area and to provide up-to-date shoreline for nautical chart construction.

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



FIELD INSPECTION

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

PHOTOGRAMMETRIC PLOT REPORT
Part 2
Dana Point to Point Vicente
California
Job PH-7107
September 1973

21. AREA COVERED

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

22. METHOD

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

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

23. ADEQUACY OF CONTROL

The control was adequate.

24. SUPPLEMENTAL DATA

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

25. PHOTOGRAPHY

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

Respectfully submitted,

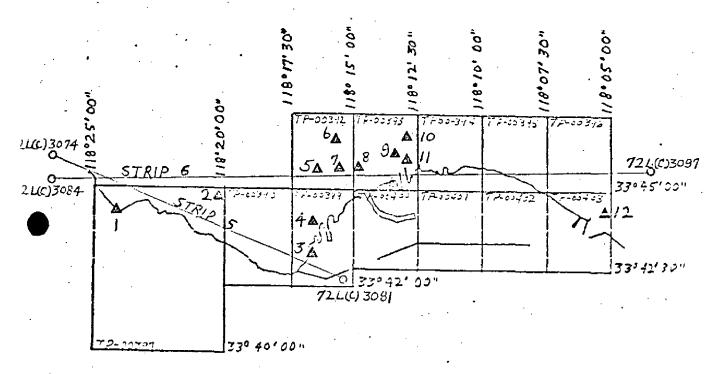
Ivey O. Raborn

Chief, Aerotriangulation Section

NOTES TO COMPILER

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

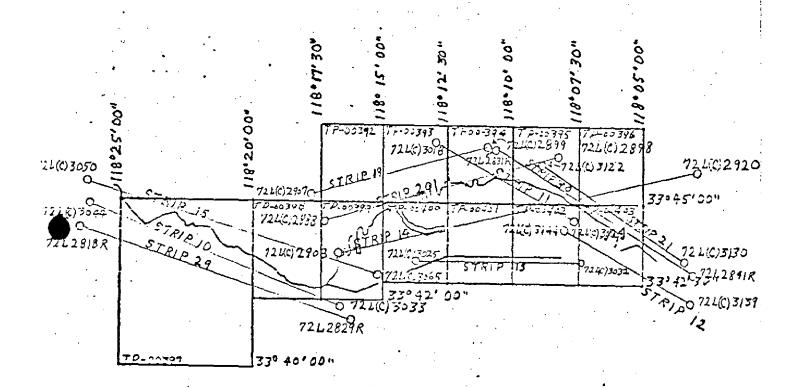
PHOTOGRAMMETRIC PLOT REPORT Part 2 Dana Point to Point Vicente California : Job PH-7107 August 1973



- Vicente, 1951
- Verdes, 1963, Sub pt. 2.
- 3. Old, 1899, Sub pt.
- San Pedro Conton Compress Co. Tank, 1933 4.
- San Pedro Pacific Coast Borax Co. Stack, 1933 5.
- Wilmington, Smart & Final Co. Warehouse Tank, 1933 6.
 - Medora 1972 7.
 - Wilmington Perth 176-177 Water Tank, 1933 8.
- 9. Long Beach Red Rand Steel Tank, 1920
- 10. Long Reach Procter & Gamble Mater Tank, 1933
- 11. Long Beach Red Band Steel Tank , 1920, Sub pt.
- B.M. N 766, 1956, Sub pt. 12.

PHOTOGRAMMETRIC PLOT REPORT
Part 2

Dana Point to Point Vicente
California
Job PH-7107
August 1973



NOAA FORM 76-41						
(6-75)		DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION CORD	J.S. DEPARTMEN	T OF COMMERCE
MAP NO.	JOB NO.		GEODETIC DATUM	ORIGINATING ACTIVITY		
TP-00400	PH-7107		NA 1927	Division N	Norfolk Va	Mapping
		AEROTRI-	14	2		
PACK VOLLEY OF	INFORMATION (Index)	POINT	zone 6	A LATITUDE	REI	REMARKS
	004 331101		χ=	1 3	451.5	(1397.1)
MID EAST, 1948 SEE G.P.	STA. 2055		y=	λ 118 12 47.164	1214.3	(330.5)
MID WEST, 1948	Ouad 331181		χ=	φ 33 42 52.800	1626.7	(221.9)
	STA 2056		y=	λ 118 13 54,357	1399.6	(145.3)
NAVY MOLE LIGHT, 1949	Quad 331181		χ=	\$ 33 44 39.941	1230.6	(618.0)
	STA. 2082		y=	λ 118 12 59.802	1539.3	(5.1)
LONG BEACH LIGHTHOUSE,			χ=	ф 33 44 47.359	1459.1	(389.5)
	STA. 2077		y=	λ 118 12 52.461	1350.3	(194.1)
			χ=	\$ 33 42 38.840	1196.6	(652.0)
LIGHTHOUSE WEST END, 1942STA.	STA. 2072		y=	λ 118 14 37.458	964.5	(580.5)
			χ=	-0-		
			y=	γ		
NOTE: These stations ar	stations are in an area	which has	χ=	•		
experi		izontal	y=	γ		
shift due to the depletion underground oil deposits.	A A	the study of	X=	Ф		
8	made by NOA	Ship	<i>y</i> =	γ		
DAVIDSON in the spring of 19 result new positions were ob		5. As a	χ=	•		
some of the stati		4	<i>y</i> =	7		
			χ=	ф	17	
			y=	۲		
COMPUTED BY A. C. Rauck, Jr.		DATE 10/16/73	COMPUTATION CHECKED BY LBF	R. Gustafson	DATE 18/	18/13/73
LISTED BY		DATE	LISTING CHECKED BY		DATE	
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE	
	3	UPERSEDES NO	SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.	ICH IS OBSOLETE.		

COMPILATION REPORT

TP-00400

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:15,000 scale photography for all details except Middle Breakwater which was compiled graphically.

32. CONTROL:

See the Photogrammetric Plot Report, Part II, dated September, 1973.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project. No drainage was compiled.

35. SHORELINE AND ALONGSHORE DETAILS:

The shoreline and all alongshore details were delineated by office interpretation of the photographs.

36. OFFSHORE DETAILS:

Middle breakwater was compiled graphically from office interpretation of the photographs.

37. LANDMARKS AND AIDS:

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

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

See the Form 76-36b, item #5 concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with USGS Quadrangle, Long Beach, CA, scale 1:24,000, dated 1964.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with Chart 5147, scale 1:12,000, 19th edition, dated April 21, 1973.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Albert C. Rauch. Jr. 1
Charles Parker

Cartographic Aid August 14, 1974

Approved:

Albert C. Rauck, Jr.

Chief, Coastal Mapping Section, AMC

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7107, Dana Point to Point Vicente, California

TP-00400

Basin Six

· Long Beach Channel

Long Beach Middle Harbor

Navy Mole

Pacific Ocean

San Pedro Bay

Approved by:

Charles E. Harrington, C3x8 Chief Geographer

		11	0040,0	
, PROJECTION AND GRIDS	2 TITLE		3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
RRW	RRW			
CONTROL STATIONS				
RRW	ATIONS OF ACCURACY	6. RECOVERA OF LESS TH (Topographi	BLE HORIZONTAL STATIONS IAN THIRD-ORDER ACCURACY c stations) NA	7. PHOTO HYDRO STATIONS NA
BENCH MARKS	9. PLOTTING	F SEXTANT	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
NA	· NA		RRW	
ALONGSHORE AREAS (Nautical	Chest Date)		<u> </u>	
2. SHORELINE	13. LOW-WATER	RLINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
RRW	NA			NA
ATT W	17. LANDMARK	(S	18. OTHER ALONGSHORE	19. OTHER ALONGSHORE CULTURAL FEATURES
•		•	PHYSICAL FEATURES	· ·
RRW	<u> </u>	·	RRW	RRW
PHYSICAL FEATURES O. WATER FEATURES	·	In married	CROUND COURS	
U. WATER PERTURES		21. NATURAL	GROUND COVER	22. PLANETABLE CONTOUR
RRW			NA	NA _.
3. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS	IN GENERAL	25. SPOT ELEVATIONS	24 OTHER PHYSICAL FEATURES
NA	NA	-	NA	RR W
ULTURAL FEATURES				
7. ROADS	28. BUILDINGS		29. RAILROADS	30. OTHER CULTURAL FEATURES
RRW	RRW	•	RRW	RRW
OUNDARIES 1. BOUNDARY LINES			1 32. PUBLIC LAND LINES	
NA				1A
ISCELLANEOUS			<u> </u>	
3. GEOGRAPHIC NAMES		34. JUNCTION	S .	35. LEGIBILITY OF THE MANUSCRIPT
RRW			RRW	RRW
6. DISCREPANCY OVERLAY	37. DESCRIPTI	I VE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
			PROTOGRAPHS	DDU
RRW O. REVIEWER 1/2 -	RRW		ISUPERVISOR, REVIEW SECTI	RRW
Richard R. W	hite	8/74	Albert C. Rauc	ek, Jr,
1. REMARKS (See attached shee	ot)	· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , , ,	
TELD COMPLETION ADDITION	S AND CORREC	TIONS TO THE A	IANUSCRIPT	
script is now complete exe	furnished by the	e field complet der item 43.	ion survey have been applied	to the manuscript. The manu-
Charles Pa	rker 7/	18/75	SUPERVISOR C. P.	Lauch. h.
Reviewer: A.L.S	hands 11	/75	Albert C. Rai	ick, Jr.
B. REMARKS				
			d Edit Operatio	

FIELD EDIT REPORT

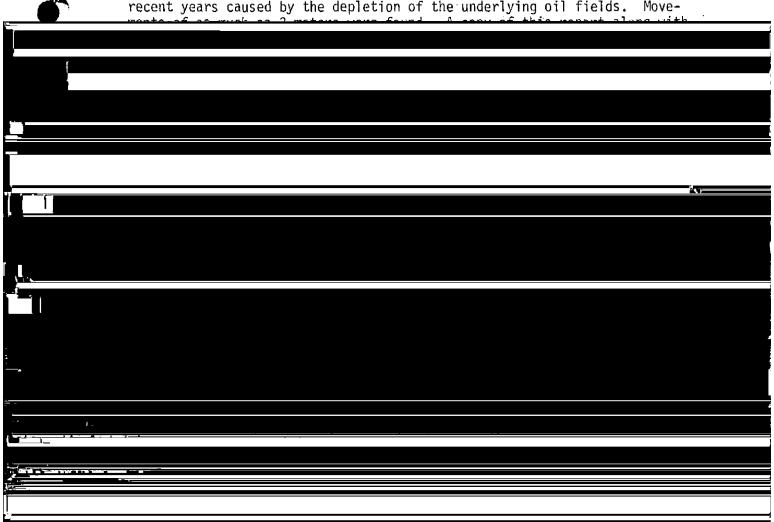
Long Beach and Los Angeles Harbor

Field edit was completed by DAVIDSON during the month of April 1975 on the following seven manuscripts:

TP 00392	•	TP	00399
TP 00393		ΤP	00400
TP 00394		TP	00401
		ΤP	00402

Field edit should be considered complete on these sheets with the exception of a small area on TP 00399 outside the Los Angeles Breakwater near Point Fermin. Heavy weather precluded proper verification of the ledge shown on the manuscript. The FAIRWEATHER is scheduled to conduct hydrography in that area in the fall of 1975 and plans to delineate this ledge using hydrographic methods. The office compilation of these manuscripts is very good. All questions have been answered and changes are shown in purple ink on the discrepancy ozalids and photographs.

Prior to conducting the field edit, DAVIDSON located many of the important landmarks and navigation aids within the harbor to 3rd order geodetic standards. The harbor area has experienced some horizontal shifting in recent years caused by the depletion of the underlying oil fields. Move-



Many of the question asked of the field editor involved locating the shore ends of cable and pipe line crossings. In many cases, these shore ends were not visible because piers or other structures hid them. Those that could be located were. A manuscript was obtained from the Los Angeles Harbor Commission showing all utility and pipeline crossings in the Los Angeles half of the harbor. It is included with the data. It is recommended that the Long Beach Port authorities be contacted for a similar manuscript of the Long Beach half of the harbor.

Submitted

R. D. Hopkins R. D. HOPKINS LCDR, NOAA Approved

R. N. Hopkini Sw. M. II. FLEMING CDR, NOAA

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	NUAA FORM /6-40	0 4 -		•	LAN	TIONAL OCE	U.	S. DEPARTA ATMOSPHER	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	ORIGINATING ACTIVITY	CTIVITY
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						POSITION	No		(See instructions on reverse side)	on reverse side)	CHARTS
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Ť.	LIGHT /	Light 5	Light 5 (Navy Mole Light, 1949)) (₍	33 44	1231,1	118 12	1539.2	\ =	April,1975	`\ = .
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			* Not in 1976 Light List.	Fie	Ą						
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REVIEW REPORT TP-00400

SHORELINE

September 11, 1978

61. GENERAL STATEMENT:

The field editor made very positive statements on the ozalid concerning the existence of a black daymark. This feature was stated to occupy the structure which, prior to 1974, supported Naval Air Base Jetty Light "1". Because of these very positive statements, photogrammetry is obliged to map the daymark. However, it is noted that this feature is neither listed in any of the Light List for 1974 through 1978 nor shown on the 1978 edition of Chart 18751. The daymark was added to the map during final review. It had previously been listed on the 76-40 for the map submitted to charts.

Many of the features the field editor attempted to locate by sextant fix are visible on the photography. Where there is a conflict in the positions, the photogrammetric position is shown.

The field editor submitted positions of several markers on Middle Breakwater. He states that the positions of the northern two were busted. The southern three appear incorrect or illogical in the relationship to the breakwater. These features are not visible on the photographs. The compilation office decided not to show any of the positions on the map.

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-9672 (FA-5-3-77) and Boat sheet H-9671 (FA-5-2-77).

A daybeacon located at lat. 33 44.8', long. 118 14.8' on the map is not shown on the H-9671. This daybeacon is not listed in the Light List but was recommended by the field editor. See paragraph 61.

65. COMPARISON WITH NAUTICAL CHARTS:

The map was compared with Chart 18751, 1:12,000 scale, 24th edition, dated March 18, 1978.

There are several pier ruins shown of the chart along the north side of Navy Mole. None are visible on the photographs. The field editor states that those charted near Pier 9 do not exist.

The piles, wreck, submerged pipe, degaussing ranges and the platform or float all charted on the south side of Navy Mole are not visible on the photography and are not mapped.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

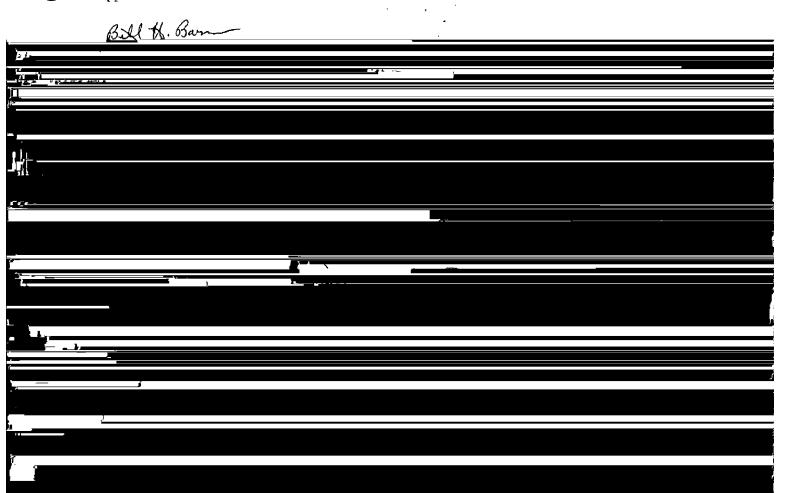
This map complies with Project Instructions and meets the requirements for Bureau Standards and the National Standards of Map Accuracy.

Submitted by:

9.2. Shands

A. L. Shands Final Reviewer

Approved:



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NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

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FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

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
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		6-26-80RCV	Drawing No. Appol
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