

11875

Diag. Cht. No. 5101-2.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey SHORELINE (PHOTOGRAMMETRIC)

Field No. PH 6011 Office No. T-11875

LOCALITY

State CALIFORNIA

General locality DANA POINT TO MISSION BAY

Locality LOS PENASQUITOS CREEK

1960-1962

CHIEF OF PARTY

FRED NATELLA

LIBRARY & ARCHIVES

DATE

USCOMM-DC 5087

11875

DESCRIPTIVE REPORT - DATA RECORD
T- 11875

PROJECT NO. (II):			
21033			
FIELD OFFICE (II):		CHIEF OF PARTY	FRED NATELLA
OCEANSIDE, CALIFORNIA		UNIT CHIEF	R. B. MELBY
PHOTOGRAMMETRIC OFFICE (III):		OFFICER-IN-CHARGE	
PORTLAND, OREGON		FRED NATELLA	
INSTRUCTIONS DATED (II) (III): 20 Dec. 1960			
AMENDMENT I: 31 Aug. 1961 II, III			
AMENDMENT I: 25 Apr. 1963 III			
AMENDMENT II: 1 Oct. 1963 III			
METHOD OF COMPILATION (III):			
KELBH INSTRUMENT			
MANUSCRIPT SCALE (III):		STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:6000	
1:10,000		PANTOGRAPH SCALE: 1:10,000	
DATE RECEIVED IN WASHINGTON OFFICE (IV):		DATE REPORTED TO NAUTICAL CHART BRANCH (IV):	
APPLIED TO CHART NO.		DATE:	DATE REGISTERED (IV):
GEOGRAPHIC DATUM (III):		VERTICAL DATUM (III):	
N.A. 1927		MEAN SEA LEVEL EXCEPT AS FOLLOWS: X Elevations shown as (25) refer to mean high water Elevations shown as (5) refer to sounding datum i.e., mean low water or mean lower low water	
REFERENCE STATION (III):			
BALL, 1887			
LAT.:	LONG.:	<input checked="" type="checkbox"/> ADJUSTED	
32° 53' 14.119"	117° 15' 00.852"	<input type="checkbox"/> UNADJUSTED	
PLANE COORDINATES (IV):		STATE	ZONE
= 263,652.93	x = 1,692,936.36	CALIFORNIA	VI
ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE, OR (IV) WASHINGTON OFFICE.			
WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.			

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): R. B. MELBY		DATE: SEPT. 1961 - MARCH 1962
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): FEBRUARY 1962 BY FIELD INSPECTION. COMPILATION BY KELSH INSTRUMENT.		
PROJECTION AND GRIDS RULED BY (IV): A.R.		DATE 5-2-63
PROJECTION AND GRIDS CHECKED BY (IV): L.F.B.		DATE 5-3-63
CONTROL PLOTTED BY (III): R. H. MEYER		DATE 5-23-63
CONTROL CHECKED BY (III): D. N. WILLIAMS		DATE 5-23-63
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): HENRY P. EICHERT		DATE APRIL 1963
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY D. N. WILLIAMS	DATE 6-28-63
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): SMOOTH DRAFT: L. L. GRAVES		DATE 11-4-63
SCRIBING BY (III): STICK-UP: D. N. WILLIAMS		DATE 12-30-63
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): ROUGH DRAFT: J. L. HARRIS ADVANCE: J. L. HARRIS		DATE 10-28-63 1-21-64
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

C&GS SINGLE LENS "S"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60 S 506A THRU 509A	9-2-60	10:20	1:30,000	2.5' ABOVE M.L.L.W.
60 S 491A THRU 494A	"	10:00	"	2.8' " "
60 S 463A THRU 467A	"	09:38	1:20,000	3.1' " "
RATIO PRINTS OF ABOVE AT 1:10,000 SCALE				
COMPUTED FROM PRE- DICTED TIDE TABLES.				

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	<u>D</u> JOURNAL RANGE
REFERENCE STATION: SAN DIEGO, CALIFORNIA		4.2	5.8
SUBORDINATE STATION: LA JOLLA (SCRIPPS INSTITUTION WHARF)		3.6	5.2
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV):

DATE:

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 10

RECOVERED: 10

IDENTIFIED: 1

NUMBER OF BM(S) SEARCHED FOR (II): NONE

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): NONE

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): NONE

REMARKS:

FIELD INSPECTION REPORT

MAP MANUSCRIPT T-11875

PROJECT 21033

REFER TO THE FIELD INSPECTION REPORT BY ROBERT B. MELBY FOR
T-11864 THRU T-11877, SEPTEMBER 1961 - MARCH 1962 INCLUDED WITH
THE DESCRIPTIVE REPORT FOR T-11864.

PHOTOGRAMMETRIC PLOT REPORT

MAP MANUSCRIPT T-11875

PROJECT 21033

REFER TO THE PHOTOGRAMMETRIC PLOT REPORT No. 1 BY HENRY P.
EICHENT, APRIL 1963 AND INCLUDED WITH THE DESCRIPTIVE REPORT FOR
T-11864.

MAP T. 11875

PROJECT NO. 21033

SCALE OF MAP 1:10,000

SCALE FACTOR

V1

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
BALL, 1887	P-30	N.A. 1927	263,652.93						
			1,692,936.36						
HIWAY, 1932	P-30	"	268,762.61						
			1,695,530.44						
NORTHEAST RANGE USN 1933	P-30	"	271,784.32						
			1,695,007.81						
NORTHWEST RANGE USN 1933	P-30	"	271,809.75						
			1,692,467.42						
ROUND TOP 2, 1932	P-24	"	262,831.67						
			1,696,110.13						
SOUTHEAST RANGE USN 1933	P-30	"	265,693.25						
			1,695,983.64						
SOUTHWEST RANGE USN 1933	P-30	"	265,719.65						
			1,693,312.30						
TORREY, 1933	:96	"	276,118.08						
			1,692,077.39						
									9.

COMPILATION REPORT
MAP MANUSCRIPT T-11875
PROJECT 21033

ITEMS 31 AND 32:

REFER TO THE COMPILATION REPORT FOR T-11864.

33. SUPPLEMENTAL DATA:

MAP OF TORREY PINES BEACH STATE PARK
(THE GEOGRAPHIC NAMES SHEET SHOWS THIS AREA
AS TORRY PINES CITY PARK)

ITEMS 34 AND 35:

REFER TO THE COMPILATION REPORT FOR T-11864.

36. OFFSHORE DETAILS:

NONE.

37. LANDMARKS AND AIDS:

FIVE LANDMARKS ARE SHOWN ON THIS MANUSCRIPT. FOUR ARE TRIANGULATION STATIONS PREVIOUSLY LOCATED. THE POSITION OF THE FIFTH LANDMARK WAS SCALED AFTER BEING DROPPED DURING KELSH INSTRUMENT COMPILATION. FORM 567 IS SUBMITTED.

38. CONTROLS FOR FUTURE SURVEYS:

NONE.

39. JUNCTIONS:

SATISFACTORY JUNCTIONS WERE MADE WITH T-11874 TO THE NORTH AND WITH T-11876 TO THE SOUTH. THE PACIFIC OCEAN IS ON THE WEST. THERE IS NO CONTEMPORARY SURVEY ON THE EAST.

40. HORIZONTAL AND VERTICAL ACCURACY:46. COMPARISON WITH EXISTING MAPS:

COMPARISON WAS MADE WITH THE U.S.G.S. DEL MAR, CALIFORNIA QUAD-
RANGLE, SCALE 1:24,000, EDITION 1953.

47. COMPARISON WITH NAUTICAL CHARTS:

COMPARISON WAS MADE WITH NAUTICAL CHART 5101, SCALE 1:234,270
AT LAT 33° 20', 5TH EDITION, JAN. 6, 1947, REVISED 5-18-59.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

NONE.


ITEMS TO BE CARRIED FORWARD:

NONE.

APPROVED:


FRED NATELLA, CAPT, C&GS
PORTLAND DISTRICT OFFICER

RESPECTFULLY SUBMITTED:


JAMES L. HARRIS
CARTOGRAPHER

48. GEOGRAPHIC NAME LIST:

THE GEOGRAPHIC NAMES ON THIS MAP ARE LISTED BELOW AND WERE FURNISHED BY THE WASHINGTON OFFICE ON A FINAL NAME SHEET, A COPY OF THE U.S.G.S. DEL MAR, CALIFORNIA QUADRANGLE, SCALE 1:24,000, EDITION 1953.

DEL MAR TERRACE
LOS PENASQUITOS CREEK
SORRENTO VALLEY
* TORREY PINES CITY PARK *OK-afw*

* GEOGRAPHIC NAMES REPORT PART I RECOMMENDS
THAT THIS PARK BE CHARTED AS TORREY PINES STATE PARK.

*Names approved
8-3-65
a. j. Wraight*

49. NOTES FOR THE HYDROGRAPHER:

NONE.

PHOTOGRAMMETRIC OFFICE REVIEW

T-10965 11875

1. PROJECTION AND GRIDS ✓		2. TITLE ✓		3. MANUSCRIPT NUMBERS ✓		4. MANUSCRIPT SIZE ✓	
CONTROL STATIONS							
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY ✓			6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) ✓			7. PHOTO HYDRO STATIONS None	
8. BENCH MARKS None		9. PLOTTING OF SEXTANT FIXES None		10. PHOTOGRAMMETRIC PLOT REPORT ✓		11. DETAIL POINTS ✓	
ALONGSHORE AREAS (Nautical Chart Data)							
12. SHORELINE ✓		13. LOW-WATER LINE None		14. ROCKS, SHOALS, ETC. ✓		15. BRIDGES ✓	
16. AIDS TO NAVIGATION None		17. LANDMARKS ✓		18. OTHER ALONGSHORE PHYSICAL FEATURES ✓		19. OTHER ALONGSHORE CULTURAL FEATURES ✓	
PHYSICAL FEATURES							
20. WATER FEATURES ✓			21. NATURAL GROUND COVER ✓			22. PLANETABLE CONTOURS Not Applicable	
23. STEREOSCOPIC INSTRUMENT CONTOURS Not Applicable		24. CONTOURS IN GENERAL Not Applicable		25. SPOT ELEVATIONS None		26. OTHER PHYSICAL FEATURES ✓	
CULTURAL FEATURES							
27. ROADS ✓		28. BUILDINGS ✓		29. RAILROADS ✓		30. OTHER CULTURAL FEATURES ✓	
BOUNDARIES							
31. BOUNDARY LINES ✓				32. PUBLIC LAND LINES None			
MISCELLANEOUS							
33. GEOGRAPHIC NAMES ✓			34. JUNCTIONS ✓			35. LEGIBILITY OF THE MANUSCRIPT ✓	
36. DISCREPANCY OVERLAY None		37. DESCRIPTIVE REPORT ✓		38. FIELD INSPECTION PHOTOGRAPHS ✓		39. FORMS ✓	
40. REVIEWER <i>James L Harris</i>				SUPERVISOR, REVIEW SECTION OR UNIT			
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				SUPERVISOR			
43. REMARKS							

Review Report
Shoreline Maps
T-11870 through T-11877
August 1965

61. General Statement

Area- The project encompasses the California Coast from Dana Point to Mexico.

Purpose- The purpose of this project is to provide shoreline maps for our nautical and aero-nautical charting program.

62. Comparison with Registered Topographic Surveys

T-5374	1:10,000	1934
T-5375	1:10,000	1934
T-5410	1:10,000	1934
T-5411	1:10,000	1934
T-5412	1:10,000	1934
T-5413	1:10,000	1934

There are cultural and shoreline differences due, in the most part, to the time interval.

63. Comparison with Maps of Other Agencies

Oceanside	1:24,000	1947
San Luis Rey	1:24,000	1948
Encinitas	1:24,000	1948
Del Mar	1:24,000	1953
La Jolla	1:24,000	1953

Due to new construction there are cultural and shoreline differences.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

5101	1:234,270	1965
5107	1:20,000	1964

See item 47

66. Adequacy of Results and Future Surveys

These maps were prepared according to project instructions and are of standard map accuracy.

Reviewed by:

L. C. Bande
L. C. Bande

Approved by:

Charles Lauer
Chief, Photogrammetric Branch

L. J. Woodcock
Chief, Photogrammetry Division

Chief, Nautical Chart Division

TO BE CHARTED
~~TO BE CHARTED~~
~~TO BE CHARTED~~

STRIKE OUT TWO

~~NONFLUORESCENT~~ LANDMARKS FOR CHARTS

PORTLAND, OREGON

D 19

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by J. L. HARRIS

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE *		LONGITUDE *		DATUM							
				° ' "	"	° ' "	"								
CALIFORNIA	TOWER	TOWER, CYLINDRICAL STEEL HT=126' (455') NORTHWEST RANGE USN 1933		32 54	34.799 1071.4	117 15	07.270 188.9	N.A. 1927	TRIANG.	11-14-61			X	5101	
	TOWER	TOWER, CYLINDRICAL STEEL HT=74' (309') NORTHEAST RANGE USN 1933		32 54	34.768 1071.0	117 14	37.471 973.7	"	"	"			X	5101	
	TOWER	TOWER, CYLINDRICAL STEEL HT=122' (460') SOUTHWEST RANGE USN 1933		32 53	34.603 1065.9	117 14	56.676 1473.1	"	"	"			X	5101	
	TOWER	TOWER, CYLINDRICAL STEEL HT=75' (313') SOUTHEAST RANGE USN 1933		32 53	34.594 1065.7	117 14	25.347 658.8	"	"	"			XXXS101		
	STANDPIPE	STANDPIPE, STEEL HT=133' (569')		32 53	35.39 1080.2	117 14	26.15 679.7	"	KELSON INDY.	"			X	5101	

FRED NATELLA Chief of Party

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-11875

INSTRUCTIONS

- A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
1. Letter all information.
 2. In "Remarks" column cross out words that do not apply.
 3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
5060	2/28/67	<i>H. H. Mac</i>	Part Before After Verification Review Inspection Signed Via Drawing No. <i>Exam, no correction</i>
5101	8/3/67	<i>John P. Wen</i>	Full Part Before After Verification Review Inspection Signed Via Drawing No. <i>Examined, no critical correction</i>
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
		1	Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.