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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. 1 H 601 Office No. T-11892				
LOCALITY				
State CALIFORNIA				
General locality SAN DIEGO				
Locality IMPERIAL BEACH				
1960-196#3				
CHIEF OF PARTY				
FRED NATELLA, CHIEF OF PARTY				
P. A. STARK, PHOTOGRAMMETRIC OFFICE				
LIBRARY & ARCHIVES				
DATE				
DATE				

USCOMM-DC 5087

FORM C&GS-181a

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

		Т	11892			
PROJECT NO. (II):						
	21033					
FIELD OFFICE (II):			·	CHIEF OF PARTY	,	
	OCEANSIDE,	CALIFORNIA			FRE	D NATELLA
PHOTOGRAMMETRIC	OFFICE (III):			OFFICER-IN-CHA	RGE	
	PORTLAND, O	REGON			₽•	A. Stark
INSTRUCTIONS DATE	D (II) (III):					<u> </u>
AMENDMENT 1: Amendment 1: Amendment 2:	APRIL 25, 1	1961 , 963				
METHOD OF COMPILA	ITION (III):					
	Kelsh Instr	UMENT				
MANUSCRIPT SCALE	(m):		STEREOSCO	PIC PLOTTING INS	TRUMENT SCA	LE (III): 1:6000
	1:10,000	İ	[APH SCALE:		1:10,000
DATE RECEIVED IN W	ASHINGTON OFFIC	E (IV):	DATE REPO	PRTED TO NAUTICA	L CHART BRA	NCH (IV):
APPLIED TO CHART	١٥.		DATE:		DATE REGIS	TERED (IV):
GEOGRAPHIC DATUM	(111):		L	VERTICAL DATU	м (пі):	
				MEAN SEA LEVE		
	N.A. 1927			Elevations shown i.e., mean low wat	as (5) refer to (ounding datum
REFERENCE STATION	(m):	, ,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				· · · · · · · · · · · · · · · · · · ·
	BASIN, 1933					
LAT.:		LONG.:		X ADJUSTED		
32° 35' 25	5•258"	117° 06' 50.93	5	UNADJUSTED		
PLANE COORDINATES	(IV):			STATE		ZONE
Y= 115,258.19	, x	= 1,733,818.10		CALIF	ORNIA	6
OR (IV) WASHINGTON	OFFICE.	THE ITEM IS TO BE ENTER				

FORM C&GS-181c (12-61)

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

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

C&GS Type S

	PH	OTOGRAPHS (III)		_		
NUMBER	DATE	TIME '	SCALE		STAGE C	F TIDE
60 S 711A THRU 714A Rátio P	9-3-60 RINTS OF ABOVE	09:1 9	1:30,000	4.81	ABOVE	M.L.L.W.
30 S 718A THRU 721A	9-3-60 RINTS OF ABOVE	09:30	1:20,000	4.61	t)	n
30 S 564A THRU 571A	9-2-60 RINTS OF ABOVE	11:30	1:10,000	2.01		II
	<u> </u>	TIDE (III)	1			DIURN

	TIDE (II				DIURNAL
			RATIO OF RANGES	MEAN RANGE	SPRING- RANGE
REFERENCE STATION: SAN DIEGO,				4.2	5.8
SUBORDINATE STATION:					
SUBORDINATE STATION:					
WASHINGTON OFFICE REVIEW BY (IV):			DATE:		
PROOF EDIT BY (IV):			DATE:	••	
NUMBER OF TRIANGULATION STATIONS SEARCHED FO	or (ii): 30	RECOVERED: 7	IDENTIFIE	D: 1	
NUMBER OF BM(S) SEARCHED FOR (II):	None	RECOVERED:	IDENTIFIE	Ď	
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLE	.ISHED (III):	2			

REMARKS:

FIELD INSPECTION REPORT

MAP MANUSCRIPT T-11892

PROJECT 21033

REFER TO THE FIELD INSPECTION REPORT BY ROBERT B. MELBY FOR T-11879 THRU T-11893 DATED OCTOBER 1962 TO AFRIL 1963 INCLUDED WITH THE DESCRIPTIVE REPORT FOR T-11879.

PHOTOGRAMMETRIC PLOT REPORT

MAP MANUSCRIPT T-11892

PROJECT 21033

REFER TO THE PHOTOGRAMMETRIC PLOT REPORT BY HENRY P. EICHERT, DATED JUNE 1964, INCLUDED WITH THE DESCRIPTIVE REPORT FOR T-11879.

COMPILATION REPORT

MAP MANUSCRIPT T-11892

PROJECT 21033

31. COMPILATION:

THE KELSH INSTRUMENT WAS USED TO COMPILE THE PLANIMETRY ON THIS MANUSCRIPT. THE NEW DIKE IN SAN DIEGO BAY AT APPROXIMATELY 32° 36' 45" CONSTRUCTED SINCE THE DATE OF PHOTOGRAPHY WAS LOCATED BY THEODOLITE FIXES.

32. CONTROL:

REFER TO THE COMPILATION REPORT FOR T-11879.

33. Supplementary Data:

None.

34. CONTOURS AND DRAINAGE:

REFER TO THE COMPILATION REPORT FOR TO11883.

35. Shoreline and Alongshore Details:

THE MEAN HIGH WATER LINE WAS COMPILED AS FIELD INSPECTED. A NEW GROIN AT IMPERIAL BEACH WAS DELINEATED. A SUNKEN BARGE, EAST OF THE NEWLY CONSTRUCTED DIKE IN SAN DIEGO BAY WAS LOCATED IN THE FIELD BY THEODOLITE FIX. THE CHARACTER OF THE FORESHORE AREA HAS BEEN INDICATED BY SYMBOL OR LEGEND. NO LOW WATER LINE WAS SHOWN.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

ONE AERONAUTICAL AID AND TWO LANDMARKS ARE SHOWN ON THIS MANU-SCRIPT. FORMS 567 ARE SUBMITTED.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

Satisfactory junctions were made with T-11893 to the south and with T-11882 and T-11883 to the north. There is no contemporary survey to the east. The Pacific Ocean is on the west.

40. Horizontal and Vertical Accuracy:

46. COMPARISON WITH EXISTING MAPS:

Comparison was made with the U.S.G.S. $7\frac{1}{2}$ minute San Ysidro, California quadrangle, 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', 6th edition, revised 9-24-62; and with Chart 5107, scale 1:20,000 at Lat. 32° 40', 23rd edition, Nov. 12, 1962.

P. A. STARK, CDR, C&GS

PORTLAND FIELD OFFICER

James L. Harris Cartographer

SUBMITTED:





DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 11892 PROJECT NO.	T NO. 21033	SCA	SCALE OF MAP_1:10,000 SCAL	SCALE FACTOR
STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y COORDINATE LONGITUDE OR X COORDINATE	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 3048006 meter) FORWARD (BACK)
	Zone 6	N.A.	160,732,85	
FRUIT, 1933	Pg. 22	1927	1,741,420.26	
1			155,258,19	
BASIN, 1933	t	ŧ	1,733,818.10	
		;	160,379,06	
BENCH MARK G-750,1963	FIELD COMP.	p r	1,730,679,99	
CHULA VISTA, SAN DIEGO GAS &			164,005.30	
SOUTHEAST STACK, 1963	u	=	1,739,476.62	
			160,561,66	
DIKE, 1954	Pg. 171	=	1,736,642.02	
4 C	;	:	166,787.12	and department of the second s
NAG, 1804	Ľ	:	1,739,652,29	
U.S.N. TORPEDO RANGE,			163,493,92	
2000 YARD MARK, 1934	Pe. 100		1,728,006,05	
				17.
				1
COMPUTED BY	DATE		CHECKED BY	DATE
C.H.B.	7-8-64		R.H.M.	7-22-64

48. GEOGRAPHIC NAME LIST:

Below is an alphabetical list of the geographic names on this map. These names were underlined on a final name sheet, a copy of the U.S.G.S. $7\frac{1}{2}$ minute San Ybidro, California quadrangle which was furnished by the Washington Office.

Chula Vista
Coronado Heights
Fruitdale
Imperial Beach
Otay River
Pacific Ocean
Peninbula of San Diego
San Diego Bay
Silver Strand State Park

Names approved 8-3-65 a.J. Wraight

49. Notes for the Hydrographer:

Three wrecks are shown In South San Diego Bay on Nautical Chart 5107, 23rd Edition, Nov. 12, 1962. These wrecks were not identified by the field party and should be investigated by the hydrographer.

C&GS FORM 1002 (11-18-61)	•		U	S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY
	PHO		RIC OFFICE REVIEW	
1. PROJECTION AND GRIDS	2. TITLE	·	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
	_ ا			
•	1		7.	1 .
CONTROL STATIONS			. 	
	ATIONS OF	6. RECOVERA	BLE HORIZONTAL STATIONS	7. PHOTO HYDRO STATIONS
5. HORIZONTAL CONTROL ST. THIRD-ORDER OR HIGHER A	CCURACY	OF LESS TH	BLE HORIZONTAL STATIONS AN THIRD-ORDER ACCURACY : stations)	
		,		None
8. BENCH MARKS	9. PLOTTING	DE SEXTANT	10. PHOTOGRAMMETRIC	11. DETAIL POINTS
None	FIXES		PLOT REPORT	None
NONE	<i>'</i>			I wone
ALONGSHORE AREAS (Nautical	Chert Data)		<u> </u>	
12. SHORELINE	13. LOW-WATE	RLINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
~	None	9		
•	1			
16. AIDS TO NAVIGATION	17. LANDMARI	(S	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
u	1	_	1	L. LATORES
•				
PHYSICAL FEATURES				
20. WATER FEATURES		21. NATURAL	GROUND COVER	22. PLANETABLE CONTOUR
<i></i>			,	Not Applicable
			<u> </u>	No. Tippinesore
23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOUR	IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
	Not App.	licable	None.	1 24101125
Not Applicable	7107		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
CULTURAL FEATURES				
27. ROADS	28. BUILDING	5	29. RAILROADS	30. OTHER CULTURAL FEATURES
1/	·			· ·
<u> </u>	<u> </u>			
BOUNDARIES 31. BOUNDARY LINES			32. PUBLIC LAND LINES	
L.	-		None	
	· · · · · · · · · · · · · · · · · · ·		None	·
MISCELLANEOUS 33. GEOGRAPHIC NAMES		1 34 JUNCTION	9	35. LEGIBILITY OF THE
_			_	MANUSCRIPT
36. DISCREPANCY OVERLAY	37. DESCRIPT	VE REPORT	38. FIELD INSPECTION	39. FORMS
			PHOTOGRAPHS	- CONTRIGUE
40. REVIEWER			SUPERVISOR, REVIEW SECTION	ON OR UNIT
, , ,	/ .		i	
James L. F	TOPFIS		1	
		•		
41. REMARKS (See attached -t-			ANIISCRIPT	
41. REMARKS (See attached she		TIONS TO THE M		
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FIELD COMPLETION ADDITION 42. Additions and corrections script is now complete ex-	S AND CORRECT S furnished by the	e field complet	ion survey have been applied	to the manuscript. The manu-
42. Additions and corrections script is now complete ex	S AND CORRECT S furnished by the	e field complet	ion survey have been applied	to the manuscript. The manu-
FIELD COMPLETION ADDITION 42. Additions and corrections script is now complete ex-	S AND CORRECT S furnished by the	e field complet	ion survey have been applied	to the manuscript. The manu-
FIELD COMPLETION ADDITION 42. Additions and corrections script is now complete ex-	S AND CORRECT S furnished by the	e field complet	ion survey have been applied	to the manuscript. The manu-
FIELD COMPLETION ADDITION 42. Additions and corrections script is now complete ex-	S AND CORRECT S furnished by the	e field complet	ion survey have been applied	to the manuscript. The manu-
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USCOMM-DC 16282-P61

E COMMERCE COAST AND GEODENIC SURVEY U.S. DEPARTMENT

7-11692

MODMERCY ARRIVE AT INSTRUMENT SHEET FOR CHARTE

	Portland, Oregon	
	STATEMENT STRIKE OUT TWO	
TO BE CHARTED	TERMENSES.	POCKED BOOKERSON

I recommend that the following objects which have (Angerral) been inspected from seaward to determine their value as landmarks be charted on (xourestates) the charts indicated.

The positions given have been checked after listing by d. L. Harris

								P. A. S	A. Stark	Ö	Chief of Party.
STATE	CALTEORNIA			_	POSITION			METHOD		TRA	lkyun
			7	LATITUDE *	LONG	LONGITUDE *		LOCATION	DATE OF	12 24	CHARTS
CHARTING	DESCRIPTION	BIGNAL		D. M. METERSE	•	" D. P. METERS	DATUM	SURVEY Nover	SURVEY LOCATION S NO VOTE 101 S	OVENI	H4440
AEBO	NAAS Ream Field Aero Light		32 34	07.01	27 06		N.A.P	N.A.PhotoComp 1927 1-11892 3-4-63	3-4-63		S.D.Local,
	Auton 1 1332/68)										W.A.C. 404
	9										
							j				
	-										

USCOMM-DC 16234-P61 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 nonticentus and nonticentus and nonticentus and nonticentus and nonticentus 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

U.S. DEPARTMENT COMMERCE COAST AND GEODETIC SURVEY U.S. DEPARTMENT

T-11892

CHARTS	Oregon
MARKED AND MARKS FOR CHARTS	Portland,
	ED STRIKE OUT TWO
٠	TO BE CHARTED POCESSIES DOCESSIES DE LA POCESSIES DE LA POCESS

C&GS FORM (11.61)

Portland, Oregon

I recommend that the following objects which have (transcrated) been inspected from seaward to determine their value as landmarks be charted on (zetrostydene) the charts indicated.

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

	*							}	P. A. S.	Stark	اک ا	Chief of Party.	Party.
	CATTENDER				-	POSITION			МЕТНОВ		THAN	THAND	
	WTMTATTYO.			TY.	LATITUDE *	LONG	LONGITUDE #		LOCATION	DATE OF	3 380 08 CI		CHARTS
CHARTING		DESCRIPTION	BIGNAL	•	D. M. METERS	•	" D. P. METERS	DATUM	BURVEY No. VG	No. Verification	MSKI GRANG		,
STACK	Steel	ht - 175'(185')		32 36	52.72 1624.0	30 LT	1217.2	N.A.P 1927	N.A. PhotoComp 1927 T-11892	2-25-63	H	5107	07
STACK	Steel (CHUIA VISTA.	ht - 175'(185') SAN DIEGO GAS &		32 36		117 05	1189.7	2	ra. 1963 T-11892	5	H		
	S. R. STACK	RIECTRIC CO. SOUTH BAY PLANT,											
												_	
:								<u>.</u>					

USCOMM-DC 16234-P61 The data should be Positions of charted 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. landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. 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

Review Report Shoreline Maps T-11878 through T-11883, 11892 and 11893 September 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 aeronautical charting program.

62. Comparison with Registered Topographic Maps

T-5371	1:10,000	1934
Т-5372	1:10,000	1934
T-5373	1:10,000	1934
T-5374	1:10.000	1 934

Cultural and shoreline changes have been continuous with extensive changes in the urban areas.

63. Comparison with Maps of Other Agencies

San Ysidro	1:24,000	1953
National City	1:24,000	1953
Point Loma	1:24.000	1953

Considering the time interval the maps are in comparatively close agreement.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

5101	.1:23		pril 1965
5105	1:12		.962
5107	1:20	,000 E	.964

There are differences in the San Diego harbor area, otherwise they are in comparatively good agreement.

66. Adequacy of Results and Future Surveys

These surveys were prepared according to project instructions, and comply with the National Standards of Map Accuracy.

Reviewed by:

h C Land

Approved by:

Chief, Photogrammetric Branch

Chief, Photogrammetry Division

Chief. Nautical Chart Division

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

T-11892

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
			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.
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FORM C&GS-8382 SUPERSEDES ALL EDITIONS OF FORM C&GS-976

USCOMM-DC 8556-P63