

11886

ORIG.

Diag. Cht. No. 903

11886

Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY DESCRIPTIVE REPORT	
Type of Survey <u>SHORELINE</u>	
Field No. <u>Ph-6403</u>	Office No. <u>T-11886</u>
LOCALITY State <u>Puerto Rico</u> General locality <u>San Juan to Loiza Alder</u> Locality <u>Penon De San Jorge</u> <u>to Pta Piedrita</u>	
<u>1964-65</u> CHIEF OF PARTY <u>J.C. Bull, Director, Atlantic Marine Center</u>	
LIBRARY & ARCHIVES	
DATE <u>March 1968</u>	

USCOMM-DC 5087

2 17 30 65

DESCRIPTIVE REPORT - DATA RECORD
T-11886

PROJECT NO. (II): 21415 PH-6403	
FIELD OFFICE (III): Atlantic Marine Center	CHIEF OF PARTY J. Bull, Director, Atlantic Marine Center
INSTRUCTIONS DATED (II) (III): September 22, 1964 November 17, 1964	
METHOD OF COMPILATION (III): Kelsh	
MANUSCRIPT SCALE (III): 1:5,000	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:3,000
DATE RECEIVED IN WASHINGTON OFFICE (IV):	DATE REPORTED TO NAUTICAL CHART BRANCH (IV):
APPLIED TO CHART NO.	DATE: DATE REGISTERED (IV):
GEOGRAPHIC DATUM (III): Puerto Rico	VERTICAL DATUM (III): MHW MEAN SEA LEVEL EXCEPT AS FOLLOWS: 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): CLUB 1902	
LAT.: 18° 27' 32".120 (987.5m)	LONG.: 66° 04' 06".402 (1878m)
<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED	
PLANE COORDINATES (IV): Y = 227,283.69 ft. X = 626,452.83 ft.	STATE: Puerto Rico
ZONE	
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): None		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air photo compilation Date of photography, 17 Feb. 1964		
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree		DATE 10-29-64
PROJECTION AND GRIDS CHECKED BY (IV): P. Hawkins		DATE 10-29-64
CONTROL PLOTTED BY (III): H. Cordell		DATE Nov. 1964
CONTROL CHECKED BY (III): K. Boyle		DATE Nov. 1964
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): <i>H.P. Eichert (WSC)</i>		DATE <i>Nov. 12, 1964</i>
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY K. Boyle	DATE Jan. 1965
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): K. Boyle		DATE Jan. 1965
SCRIBING BY (III): A. Santillian		DATE Feb. 1966
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): <i>R.J. Pate</i>		DATE <i>Feb. 1966</i>

REMARKS:

FIELD EDIT: D. RICH, MAR 1965.

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

"W" Camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
64 W 3222	17 Feb., 1964	1538	1:15,000	0.2 Above M.L.W.
64 W 3223	"	"	"	" " "
64 W 3224	"	"	"	" " "

TIDE (III) Predicted

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: San Juan, Puerto Rico		1.1	1.3
SUBORDINATE STATION:			
SUBORDINATE STATION:			

Atlantic Marine Center
WASHINGTON OFFICE REVIEW BY (IV):

M. M. SLAVNEY

DATE: Sept. 1966

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): ?

RECOVERED: 1

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:

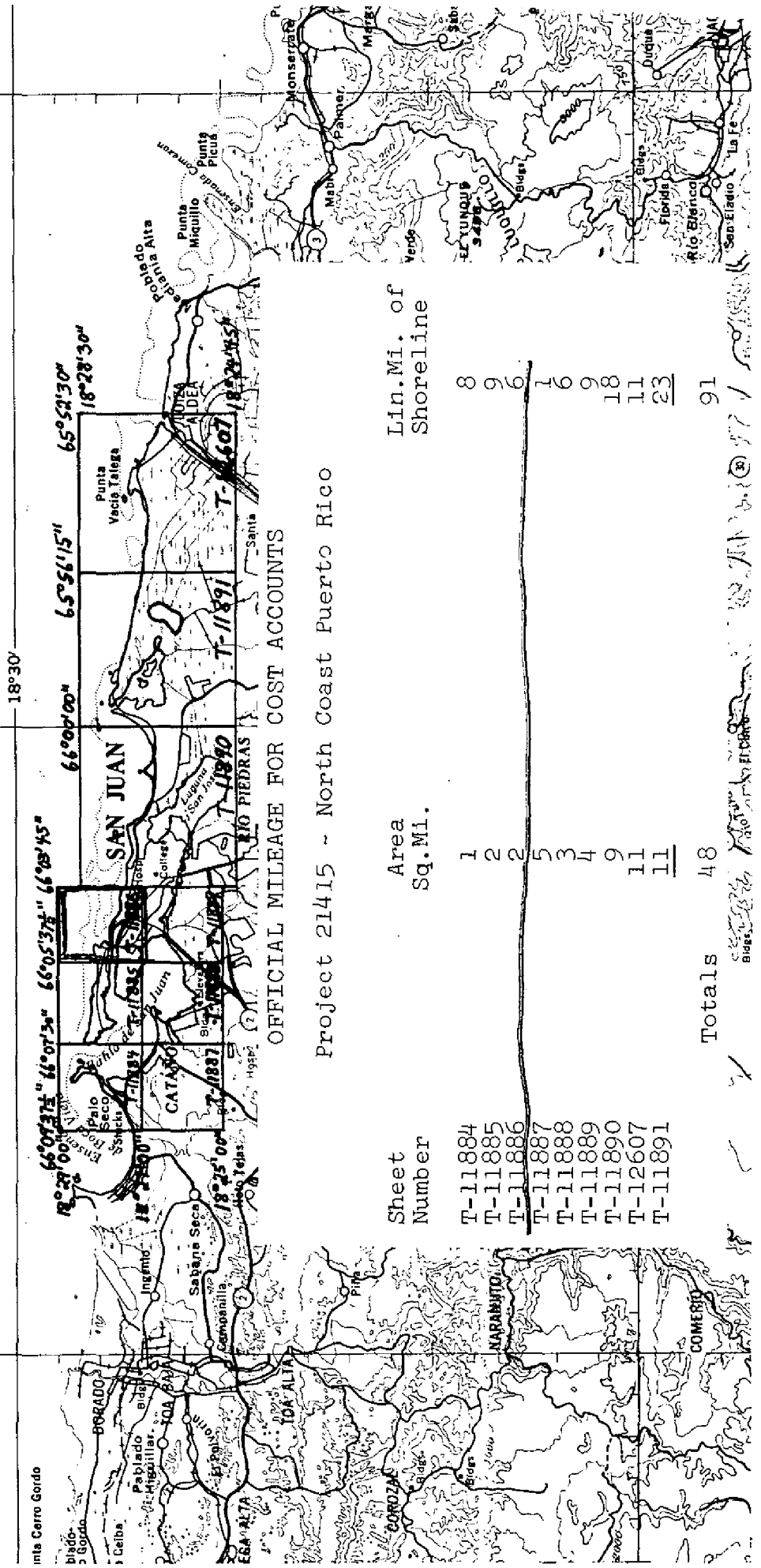
COMPILATION RECORD

COMPLETION DATE

REMARKS

COMPILATION RECORD	COMPLETION DATE	REMARKS
Alongshore area for hydro	Jan. 1965	Superseded
Alongshore area revised from field edit	Dec. 1965	<i>Superseded</i>
<i>SEE ITEM 61 of this REPORT</i> <i>Revised during final review</i>	<i>Sept. 1966</i>	

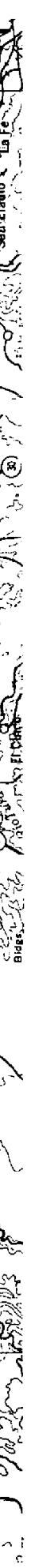
PROJECT 21415
SHORELINE MAPPING
PUERTO RICO
SAN JUAN TO LOIZA ALDEA
1:5,000 & 1:10,000 SCALES



OFFICIAL MILEAGE FOR COST ACCOUNTS

Project 21415 - North Coast Puerto Rico

Sheet Number	Area Sq. Mi.	Lin. Mi. of Shoreline
T-11884	1	8
T-11885	2	9
T-11886	2	6
T-11887	5	7
T-11888	3	6
T-11889	4	9
T-11890	9	18
T-12607	11	11
T-11891	11	23
Totals	48	91



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11886

Shoreline manuscript T-11886 is one of six 1:5,000 scale manuscripts in Ph-6403 (San Juan to Loiza Aldea, Puerto Rico), which also contains three 1:10,000 scale manuscripts. The sketch on page 5 of this report shows the position of this manuscript in the project.

This is a stereo-instrument project in advance of hydrographic surveys of the area. 1:15,000 scale and 1:30,000 scale panchromatic photographs were taken with the W camera; which was also used for 1:10,000 scale and 1:15,000 scale color photographs. All the photographs were taken on February 17, 1964. The stereo bridge was run and adjusted to field identified control in the Washington Office. Compilation was done with the Kelsh Plotter. Ratio prints, at 1:5,000 scale were processed, and provided for photo-hydro support.

Field work preceding compilation consisted of control identification only; no inspection was provided for compilation. The manuscript was field edited in conjunction with photo-hydro support.

The compilation manuscript was a vinylite sheet 2 minutes, 00 seconds in latitude, and 1 minute 52.5 seconds in longitude. The smooth manuscript was on cronaflex for review. One cronar positive and one cronar negative are furnished for registry and record after final review.

FIELD INSPECTION REPORT

There was no field inspection prior to compilation.

MAP T-11886 PROJECT NO. 21415 SCALE OF MAP 1:5000

SCALE FACTOR NONE

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID-IN-FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	P.R. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
BLACK ST. CK (NORTH) 1927	G.P. 71	Puerto Rico	18° 27' 24.20" 66° 04' 35.150"	744.0 (1100.6) 1031.4 (729.1)	✓ ✓	Removed - F. K. Editor reports "Torn down"			
APART 1939	"	"	18° 27' 29.709" 66° 05' 11.306"	913.4 (931.3) 331.7 (1428.8)	✓ ✓				
MIRAMAR TOWER, 1939	"	"	18° 27' 29.834" 66° 05' 11.212"	917.2 (927.4) 329.0 (1431.5)	✓ ✓				
CLUB, 1902	G.P. 34	"	18° 27' 32.120" 66° 04' 06.402"	987.5 (857.1) 187.8 (1572.6)	✓ ✓				
ESCAMBRON 896	"	"	18° 28' 08.241" 66° 05' 12.195"	253.4 (1591.3) 357.8 (1402.6)	✓ ✓				
JAIL CUPOLA 895	G.P. 69	"	18° 27' 55.903" 66° 05' 33.67"	1718.7 (126.0) 987.9 (772.5)	✓ ✓				
SHERATON 1964			y = 227,095.73 x = 625,608.94		✓ ✓				
CONDADO HOTEL CUPOLA 1929	G.P. 75	"	18° 27' 38.91" 66° 04' 25.34"	1196.2 (648.4) 1036.9 (723.5)	✓ ✓		P.R. Corrections		
POOL	G.P.	N.A. 1927	18° 27' 07.970" 66° 05' 26.680"	245.0 (1590.6) 782.9 (977.7)	+292.9 -15.9		537.9 (1306.7) 767.0 (993.6)	✓ ✓	
POWER HOUSE STACK, 1926	G.P. 76	Puerto Rico	18° 27' 22.869" 66° 04' 34.838"	103.1 (1141.6) 1022.2 (738.2)			Removed, F. K. Editor reports P.R. Corrections 2 "Torn Down"		
REPAIR	G.P.	N.A. 1927	18° 26' 54.847" 66° 05' 24.988"	1680.2 (158.4) 733.2 (1027.3)	+292.9 -15.9		270.1341 (1710.3) 717.3 (1023.2)	✓ ✓	
PIER #2 1961	"	"	18° 26' 53.320" 66° 05' 25.917"	1639.3 (205.4) 760.5 (1000.1)	+292.9 -15.9		270.875 (1757.2) 744.6 (1016.0)	✓ ✓	

COMPILATION REPORT
T-11886

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11884

31. DELINEATION

Compilation was done by Kelsh plotter. Color photography was used as an aid in delineation of rocks and other offshore features.

There was no field inspection.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Inapplicable

35. SHORELINE AND ALONGSHORE DETAILS

Shallow areas, breakers, and foul areas were delineated from office interpretation.

No low water line was shown.

36. OFFSHORE DETAILS

See Item 49

37. LANDMARKS AND AIDS TO NAVIGATION

See Project Instructions dated Sept. 22, 1964 Par. 606.

38. CONTROL FOR FUTURE SURVEY

None

39. JUNCTIONS

Junctions are in agreement with T-11885 to the west T-11889 to the south and T-11890 to the east. The Atlantic Ocean is to the north.

40. HORIZONTAL AND VERTICAL CONTROL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with U.S.G.S. Quadrangle San Juan, Puerto Rico, dated 1957, scale 1:20,000 and was found to be in good general agreement.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart No.908, scale 1:10,000 revised 11-19-62.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS

None

ITEMS TO BE CARRIED FORWARD

M None

Approved and Forwarded:

J. Bull
 J. Bull, CAPT., USESSA
 Director, Atlantic Marine Center

Arnold L. Shands

A. L. Shands
 Cartographic Aid

48. GEOGRAPHIC NAME LIST

- *AEROPUERTO DE ISLA GRANDE
- *ATLANTIC OCEAN
- *BAHIA DE SAN JUAN
- CONDADO
- *CANO DE SAN ANTONIO
- EL BOQUERON
- FUERTE SAN GERONIMO
- ISLA SAN JUAN
- LAGUNA DEL CONDADO
- MIRAMAR
- *PARQUE MUNOZ RIVERA
- *PARQUE SIXTO ESCOBAR
- PENON DE SAN JORGE
- PUNTA ESCAMBRON
- PUNTA PIEDRITA
- SAN JUAN
- SANTRUCE
- TALLERES

NOTE:

* Not on name list of A. J. Wraight

Aeropuerto de Isla Grande

GEOGRAPHIC NAMES

Atlantic Ocean

Ph 21415 (Puerto Rico)

Bahia De San Juan

T-11886 (shoreline)

Caño De San Antonio

Condado

El Boqueron

Fuerte San Geronimo

Isla San Juan

Laguna del Condado

Miramar

Penon de San Jorge

Pta Escambron

Pta Piedrita

San Juan

Santurce

Talleres

A. J. Wraight

A. J. Wraight
Geographic Names

T - 11886

49. NOTES FOR THE HYDROGRAPHER

Features believed to be of landmark value have been shown, but their visual or navigational value should be verified.

Several offshore areas have been shown with a dashed line and labeled Breakers. The existence of rocks in these areas could not be discerned on the photographs and will have to be furnished by the hydrographer.

Landmarks, aids to navigation and azimuths of lights, and daybeacons, have not been shown and will have to be furnished by the hydrographer. See Project Instructions dated Sept. 22, 1964 Par. 6.06.

A discrepancy exists with notes for verification to the hydrographer and/or field editor is being forwarded with this report.

C&GS FORM 1002 (11-13-61)		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW T-10363 T-11886			
1. PROJECTION AND GRIDS RRW	2. TITLE RRW	3. MANUSCRIPT NUMBERS RRW	4. MANUSCRIPT SIZE RRW
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RRW	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) XX		7. PHOTO HYDRO STATIONS XX
8. BENCH MARKS XX	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT BRIDGE (WO)	11. DETAIL POINTS KELSH
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE RRW	13. LOW-WATER LINE XX	14. ROCKS, SHOALS, ETC. RRW	15. BRIDGES XX
16. AIDS TO NAVIGATION XX	17. LANDMARKS XX	18. OTHER ALONGSHORE PHYSICAL FEATURES RRW	19. OTHER ALONGSHORE CULTURAL FEATURES XX
PHYSICAL FEATURES			
20. WATER FEATURES RRW		21. NATURAL GROUND COVER RRW	22. PLANETABLE CONTOURS XX
23. STEREOSCOPIC INSTRUMENT CONTOURS XX	24. CONTOURS IN GENERAL XX	25. SPOT ELEVATIONS XX	26. OTHER PHYSICAL FEATURES RRW
CULTURAL FEATURES			
27. ROADS RJP	28. BUILDINGS RJP	29. RAILROADS XX	30. OTHER CULTURAL FEATURES RJP
BOUNDARIES			
31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES RJP		34. JUNCTIONS RJP	35. LEGIBILITY OF THE MANUSCRIPT RJP
36. DISCREPANCY OVERLAY XX	37. DESCRIPTIVE REPORT RES	38. FIELD INSPECTION PHOTOGRAPHS XX	39. FORMS RJP
40. REVIEWER RJP <i>R. J. Pate</i>		SUPERVISOR, REVIEW SECTION OR UNIT ACR <i>Albert C. Rauch, Jr.</i>	
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 RJP <i>R. J. Pate</i>		SUPERVISOR ACR <i>Albert C. Rauch, Jr.</i>	
43. REMARKS			

TIDE COMPUTATION

PROJECT NO. Ph. T. 11886

Time and date of exposure 17 Feb 64 1458

Reference station San Juan, Puerto Rico

Mean range

Date of field inspection

Subordinate station

Ratio of ranges

High tide	Time		Height feet	Height x Ratio of ranges	Time	
	h.	m.			h.	m.
High tide	11	37	1.0		High tide at Ref. Sta.	
Low tide	18	1	-0.4		Time difference	
Duration of rise or fall	704			1.4	Corrected time at Subordinate station	

Time H. T. or L. T. Required time Interval	h. m.	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	feet	feet	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Photo. No.
Time H. T. or L. T. Required time Interval	18 01 1538 303									0.6 0.2		Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	6465222
Time H. T. or L. T. Required time Interval												Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	
Time H. T. or L. T. Required time Interval												Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	
Time H. T. or L. T. Required time Interval												Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	
Time H. T. or L. T. Required time Interval												Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	Feature bares Stage of tide above MLW Feature above MLW	

Computed by A. A. Skerrett

Checked by

TIDE COMPUTATION

PROJECT NO. Ph. 2/4/5 T. 1/986

Time and date of exposure 17 Feb. 1964 Reference station San Juan, Puerto Rico Mean range 1.3
 Date of field inspection _____ Subordinate station _____ Ratio of ranges _____

	Time		Height feet	Height x Ratio of ranges	Time	
	h.	m.			h.	m.
High tide	11	37	7.0			
Low tide	18	01	-0.4			
Duration of rise or fall	624		1.4			

	h.	m.	Ht. H.T. or L.T. Tabular correction Stage of tide above MLW	feet	Feature bares Stage of tide above MLW Feature above MLW	feet	Photo. No. *
Time H.T. or L.T. Required time Interval	1801	1538		-0.4			PAN 1115,000
	223			0.0			64W3222-24 COLOR
Time H.T. or L.T. Required time Interval	1801	1613		-0.4			1119,000
	148			0.3			64W3257-59 COLOR
Time H.T. or L.T. Required time Interval	1801	1635		-0.4			1110,000
	126			0.2			64W3379-22 COLOR
Time H.T. or L.T. Required time Interval	1137	0936		1.0			1115,000
	201			-0.4			64W3143-44 COLOR
Time H.T. or L.T. Required time Interval	1137	0924		1.0			1115,000
	213			-0.4			64W3130-32 COLOR

High tide 1.37 1.0 * Used Duration of rise or fall 620 on all photos
 Low tide 527 -0.3 * Used average time of photo series
 Duration of rise 610 1.3 Computed by B.H. Barnes Checked by [Signature]
 20-611

FIELD EDIT REPORT
FOR
SHORELINE MAPS T-11884 THROUGH T-11889

The Field Edit Report and the Report on Landmarks are included with the Descriptive Report for T-11884, pages 22 through 32.

Deleted pier & dals

Added Mon-fountain & pilings

Shoreline corrected

14

REVIEW REPORT T-11886
SHORELINE
November 1966

61. GENERAL STATEMENT

See SUMMARY, page 6, of this report.

Examination of the Field edit notes on Cronapaque ratio prints 64-W-3222 and 3223, and study of color prints 64-W-3256 through 3259 indicated the field editor's shoreline on the Atlantic Coast to be over-generalized. Some of the areas were discussed with him, and he agreed with this conclusion. Consequently, the entire Atlantic Coast shoreline was re-examined. A low altitude oblique color photograph, pages 756-757 of December, 1962 National Geographic, assisted in the shoreline study.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Registered Survey	4205; 1:20,000; 1921
"	" 2487; 1:10,000; 1900
"	" 2413; 1:5,000; 1899 (old datum)

The discrepancies between these surveys and T-11886, which are considerable, are on the Comparison Print and are discussed in Item 65 because these surveys appear to be the source of information for much of Chart 908. Registered Survey 2413 is apparently the Chart source for the shoreline, rocks, islands, sunken rocks, etc. from Punta Escambron, latitude $18^{\circ} 28.13'$ longitude $66^{\circ} 05.17'$ to the western limits of T-11886. Survey No. 4205 is apparently the Chart source for the outside reefs across the area of T-11886, and also for the rocks and sunken rocks west of $66^{\circ} 05.17'$.

This map supersedes the listed prior surveys for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

San Juan, P. R., U.S.G.S., 1:20,000, 1939-40, revised in 1957.

Differences up to 55 meters, with the shoreline inland of the delineation on T-11886, are not surprising considering the scale difference.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

There is none, the latest survey, Reg. No. 4205, 1:20,000 scale, was done in 1921.

65. COMPARISON WITH NAUTICAL CHARTS

Chart 908, 1:10,000, 24th Edition, November 8, 1965 revised, September 12, 1966.

Chart 903, 1:100,000, 6th Edition, March 16, 1964.

The eastern limits of Chart 908 are at longitude 66° 03.97'; Chart 903 covers all of T-11886 but the comparison is limited by its 1:100,000 scale.

The Comparison Print reveals the following discrepancies between Chart 908 and T-11886:

1. The shoreline, and the size, shape and positions of rocks, islands, etc. from longitude 66°04.25 to the west limits of T-11886 differ from the chart. Survey 2413 appears to be the source for these details and Reg. Survey 4205 appears to be the source for the outside reef lines in the area.

2. This map shows an islet about 80 meters offshore at latitude 18°28.22', longitude 66°05.48' which the chart encloses within the shoreline.

3. The rocks and islets at El Boqueron, latitude 18°27'.85, longitude 66°05' differ from the chart.

4. The small island ^{and} the reef at latitude 18°27.65', longitude 66°04.47' does not appear on the chart, or Survey 2487 and 4205. The elevation was furnished by the field editor.

5. The shoreline of the Atlantic Ocean east of 66°05' ^{and} of Laguna del Condado are as much as 40 meters south of the T-11886 delineation.

6. The buildings, from 66 05.3' eastward are as much as 23 meters south of their position on T-11886. Some changes are indicated in their size and shape.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

No accuracy tests have been run in the field. This map meets the National Standards of Map Accuracy and Bureau requirements.

Approved by:

Reviewed by:

J. Bull
Director, Atlantic Marine Center

M. M. Slavney
M. M. Slavney

Charles L. ...
Chief, Photogrammetric Branch

Ralph Sobienalski
Chief, Photogrammetry Division

Wallace A. Bruder, for
Chief, Marine Chart Division

NOTES TO VERIFIER
T-11886 Project 21415 (Ph-6403)
BOAT SHEET (none available)

There is no contemporary hydrographic survey for this area. See Items 61, 62, and 65 of the Descriptive Report and the Comparison Print for differences with the nautical chart and previously registered surveys.

