

12142

Original

12142

12142

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE (<i>Photogrammetric</i>)
Field No.	Office No. T-12142
LOCALITY	
State	PUERTO RICO
General locality	EAST COAST
Locality	PLAYA SARDINERA
1961-64 1958-1964	
CHIEF OF PARTY	
M. L. Olivier, Chief of Field Party 708	
V. R. Sobleralski, Tampa District Officer	
LIBRARY & ARCHIVES	
DATE	1 JUL 1968

USCOMM-OC 5087

DESCRIPTIVE REPORT - DATA RECORD

T 12142

PROJECT NO. (II): PH-6106		
FIELD OFFICE (III): Puerto Rico		CHIEF OF PARTY M. L. Olivier
PHOTOGRAMMETRIC OFFICE (III): Tampa, Florida		OFFICER-IN-CHARGE V. R. Sobieralski
INSTRUCTIONS DATED (II) (III): Field and Office Aug. 30, 1961 Amendment " " Jan. 15, 1962 * <i>* Interior planimetry restricted to those features useful to photo hydro support. 1413</i>		
METHOD OF COMPILATION (III): Kelsh Plotter		
MANUSCRIPT SCALE (III): 1:5,000	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:3,000	
DATE RECEIVED IN WASHINGTON OFFICE (IV): APRIL 13, 1968 MAY 25 1962		DATE REPORTED TO NAUTICAL CHART BRANCH (IV):
APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV):
GEOGRAPHIC DATUM (III): Puerto Rico		VERTICAL DATUM (III): MEAN SEA LEVEL EXCEPT AS FOLLOWS: MHW 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): CUEVA, 1900		
LAT.: 18°21'30.474" (936.9 m)	LONG.: 65°37'42.815" (1257.0 m)	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): Y = 191,292.90 FT. X = 779,055.61 FT.		STATE Puerto Rico ZONE Puerto Rico
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 (III): M. I. Olivier		DATE: Dec. 1961 *
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air photo compilation Date of photography: Oct. 1961		
PROJECTION AND GRIDS RULED BY (IV): A. R. (W.O.)		DATE Apr. 1962
PROJECTION AND GRIDS CHECKED BY (IV): A. R. (W.O.)		DATE Apr. 1962
CONTROL PLOTTED BY (III): V. P. Cackowski		DATE Apr. 1962
CONTROL CHECKED BY (III): V. P. Cackowski		DATE Apr. 1962
RADIOGRAPHIC STEREOSCOPIC CONTROL EXTENSION BY (III): Washington Office		DATE Mar. 1962
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY R. E. Smith	DATE May 1962
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): R. E. Smith		DATE May 1962
SCRIBING BY (III): A. Santillan		DATE June 1966
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): W. H. Shearouse (Compilation Manuscript) R. E. Smith Final		DATE May 1962 July, 1966
REMARKS: * No exact date available. December 1961 taken from date on Form 567 for landmarks. Some incidental field edit was done during photo-hydro support. See page 14, Item 64; the note-maker is not known.		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

Single lens Wild #W#

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
61-W-1725	10/26/61	15:45	1:15,000 Dia-	0.6 <i>Above M.L.W.</i>
" " 1734	"	15:54	" posi-	" " "
58-S-3068	No date <i>1958</i>		Color print	
" 3069	" " "		" "	

PREDICTED TIDE (III)

Diurnal

	RATIO OF RANGES	MEAN RANGE	<i>SPRING</i> RANGE
REFERENCE STATION: San Juan		1.1	1.3
SUBORDINATE STATION: Bahia de Fajardo	1.0	1.1	1.4
SUBORDINATE STATION:			

~~Atlantic Marine Center~~

WASHINGTON OFFICE REVIEW BY (IV):

M. M. SLAVNEY

DATE:

JUNE 1967

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 2

RECOVERED:
0IDENTIFIED:
0

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

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 0

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): 4

REMARKS:

6.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12142

Shoreline manuscript T-12142 is one of eight 1:5,000 scale maps in Ph-6106 (21042) Puerto Rico, which also contains sixteen 1:10,000 scale maps. The sketch on page 5 of this report shows the position of this manuscript in the project. It is noted that 1:5,000 scale maps T-12143 and T-12144; and 1:10,000 maps T-12150, T-12151 and T-12161 of this project are in a "postponed" status ~~until some future date.~~ *cancelled. mms.*

This is a stereo-instrument project in advance of hydrographic surveys of the area. Field inspection was done on 1:10,000 ratio prints of 1:30,000 panchromatic photographs flown with the "S" camera on April 18, 1959. 1:15,000 photographs made with the "W" camera on October 26, 1961 were used for compilation. 1:10,000 color prints made in 1958 (No date) with the "S" camera, were furnished for reference. 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 from the 1961 "W" photography and provided for photo-hydro support.

Field work preceding compilation consisted of control identification and field inspection was provided for compilation. Some incidental field edit was done during the 1964 hydrography. The western limits of hydrography was longitude $65^{\circ} 38.65'$.

The compilation manuscript was a vinylite sheet one minute, 52.5 seconds in latitude, and one minute, 52.5 seconds in longitude. The smooth manuscript was on cronaflex for registry and record after final review.

FIELD INSPECTION REPORT -7-

2. AREAL FIELD INSPECTION

T-12139, T-12142, T-12145, T-12146, and T-12152 through T-12157,

These shoreline sheets^A are located on the eastern coast of Puerto Rico. The area is undeveloped except for the village of Fajardo and the Roosevelt Roads Naval Reservation.

Field inspection was performed on photographs 59-S-3940 through 59-S-3949 and 59-S-3915 through 59-S-3923. Some difficulty of interpretation of the apparent MHWL was encountered around mangrove areas.

Three housing areas within the naval station were not field inspected. It is believed that the 1961 photographs will cover these spots. Also a small marina in Ensenada Honda was left for the 1961 photographs. A new marina, under construction, on the south side of Cayo Obispo (a small island just east of Playa de Fajardo) was left for field edit.

3. HORIZONTAL CONTROL

All Coast and Geodetic Survey control stations except four within the project limits were searched for. HOUSE, 1901; KID, 1941; MONTE, 1941; and NORTH, 1941 were not searched for because no descriptions were furnished. Only those stations as specified on the project diagram were photo-identified. One U. S. Geological Survey control station (CENTRAL FAJARDO, NORTH STACK, 1941) was recovered and photo-identified.

There were many triangulation stations that could not be recovered especially around the naval base. It is believed that much of this control was destroyed during construction of the base.

4. VERTICAL CONTROL

All tidal bench marks in the area were searched for. The one at Playa de Fajardo was recovered but the two in Ensenada Honda could not be found.

5. CONTOURS AND DRAINAGE

Contours were not a part of the work requirements for this project.

The drainage patterns can be distinguished on the photographs.

6. WOODLAND COVER

Woodland cover has been classified in accordance with the requirements for topographic maps. Wooded areas are adequately covered by the field inspection photographs.

Swamp areas were designated as mangrove. There is considerable mangrove throughout the area.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line was inspected from a small boat and by walking along the shoreline.

The shoreline in places was visited at low water. The mean low water line is shown on the photographs in green ink.

The foreshore is steep in some places and somewhat flat in other places.

Docks, piers, wharves, etc. are adequately covered on the field inspection photographs.

One submerged cable was identified on the photographs.

8. OFFSHORE FEATURES

Some offshore rocks were visited and their heights above MHW were noted. Coral is distinguishable on the photographs.

9. LANDMARKS AND AIDS

Landmarks and aids to navigation located by photogrammetric methods are shown on the contact prints. One landmark, a tower on Pineros Island, was identified on the field inspection photographs.

All landmarks and aids to be charted or deleted are adequately covered on Form 567.

10. BOUNDARIES, MONUMENTS, AND LINES

Boundaries were excluded by the project instructions.

11. OTHER CONTROL

Existing objects suitable for photo hydro control were identified on the field inspection photographs. These are shown on the photographs by three digit numbers. Many of the landmarks and aids can be used for photo hydro control.

12. OTHER INTERIOR FEATURES

All buildings and roads have been classified in accordance with project instructions dated 30-August 1961.

13. GEOGRAPHIC NAMES

An investigation of geographic names was not required by the project instructions. It was noticed that the geographic names on the existing charts and quads of this area agree with one another and with the general opinion of the local people.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Contact photographs were forwarded to the Washington office by Letter of Transmittal No. PH-6106-3 dated 20 November 1961.

Submitted
5 December 1961

Michael L. Olivier
Michael L. Olivier

PHOTOGRAMMETRIC PLOT REPORT
PUERTO RICO, EAST COAST
PROJECT PH-6106
March, 1962

21. Area Covered:

T-12146;

T-12136 through T-12139; T-12141 through T-12148; T-12152
through T-12161.

22. Method:

Five stereoplanigraph bridges were run in order to provide pass points for Kelsh compilation of the project.

Strip #4 was adjusted on a linear basis. All other strips were adjusted on a least-squares basis on the IBM 650 computer. Satisfactory adjustments were obtained for all strips in the project.

23. Adequacy of Control:

The horizontal control provided complied with project instructions, and was adequate. The following control failed to hold in bridging:

Δ PINERITA 2, 1941-SUB.PT. 2. This station had been designated as a poor image pt. at the time of bridging, and may safely be disregarded due to the proximity of other control that held in bridging.

24. Supplemental Data:

None

25. Photography:

The photography was adequate for the needs of aerotriangulation.

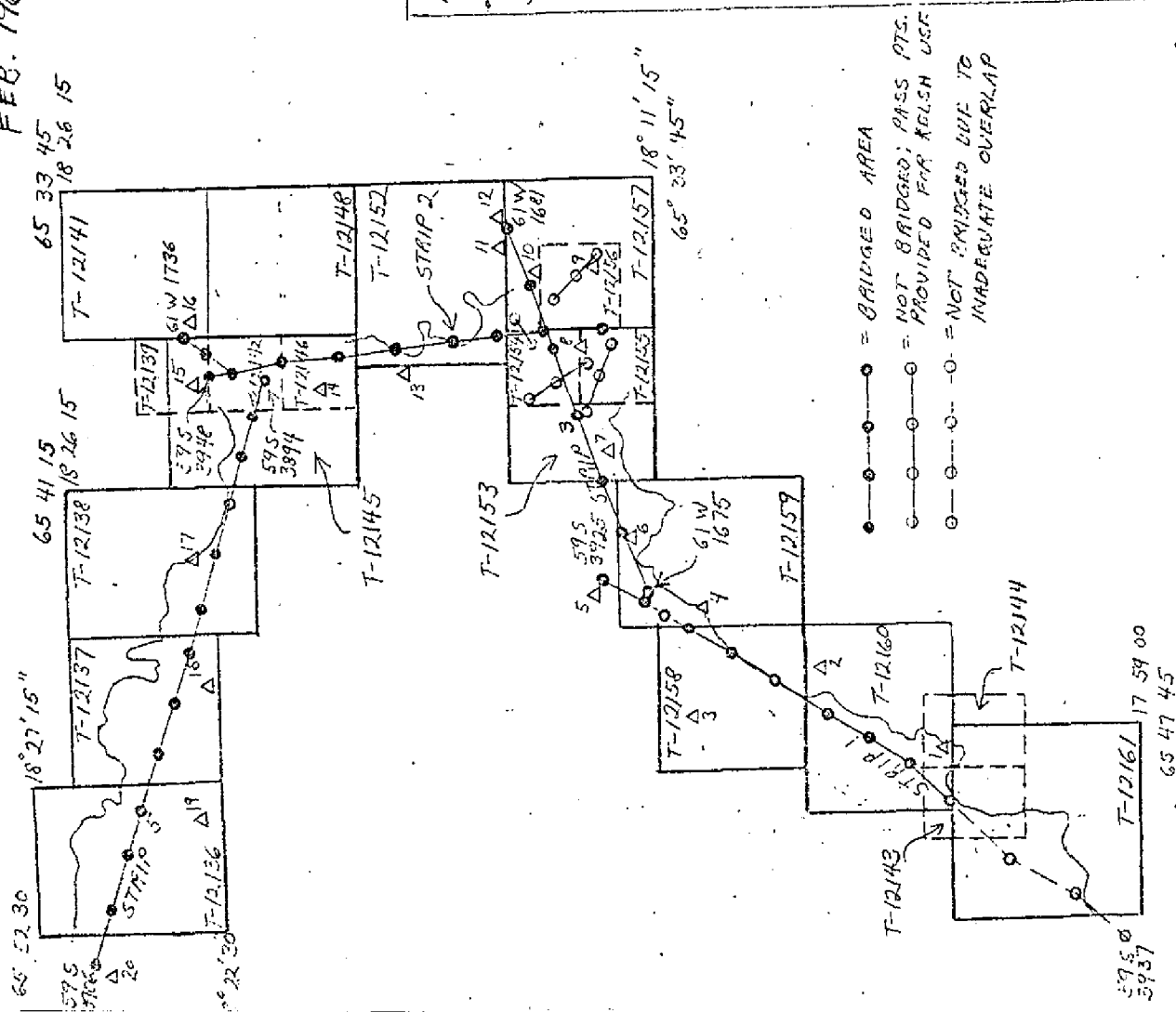
Submitted by:

R. E. Fuechsel
R. E. Fuechsel

Approved:

E. H. Ramey
E. H. Ramey, Chief
Aerotriangulation Section

PUERTO RICO - EAST COAST PROJECT PH-6106 FEB. 1962



TRIANGULATION LIST

1. GUAYANES 2, 1923-SUB. 1+2	16. CAPE SAN JUAN LIGHT HOUSE, 1900
2. CATATA, 1901-SUB. 1+2	17. LUQUILLO CH. (USGS) 1934
3. PASTO VIEJO EASTERN SUBAR ASSN. WH. COM. STACK, 1941	18. PALMER (USGS) 1939-SUB. 1+2
4. HUMACAO PLAYA CH. (USGS) 1934	19. RIO GRANDE CHURCH (USGS) 1934-SUB. 1+2
5. NAGUARO CH. (USGS) 1934	20. SANTA INEZ, 1902-SUB. 1+2
6. COLON (USGS) 1941-SUB. 1+2	
7. LOMA 1941-SUB. 1+2	
8. HONDA 1941-SUB. 1+2	
9. CABRAS IS. LT., 1941	
10. MUNDO, 1926-SUB. 1+2	
11. PINERITA 2, 1941-SUB. 1+2	
12. CABEZAS DE PUECO LT., 1923	
13. PENEDO, 1941-SUB. 1+2	
14. CENTRAL FAJARDO NINTH STACK, 1941	
15. CAPE, 1901-SUB. 1+2	

COMPILATION REPORT T-12142PHOTOGRAMMETRIC PLOT REPORT

See pages 818A.
~~The stereo bridge was run in the Washington Office. See report for T-12157; also see report for T-12146.~~

31. DELINEATION

The Kelsh plotter was used. Field inspection was adequately done on April 1959 photographs S-3947 and S-3948. Color photographs 58-S-3068 and 3069 were used as an aid in delineating coral, rocks and shallow areas along the eastern shoreline. No color photographs were available on the northern shore.

Photo-hydro point No. 109 was identified on the 1959 field photograph and located from the 1959 diapositives. (These diapositives were used to drop points for controlling the 1961 photography.) The "Peak of roof" identified on the 1959 photograph could not be seen on the 1961 photographs furnished for photo-hydro support, therefore photo-hydro point No. 109 is marked use with caution on the map manuscript.

32. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline and low-water lines were delineated according to the field inspection and office interpretation of the photographs. Piers and rocks that could be seen were shown. Shallow areas were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS

Numerous coral reefs have been shown.

COMPILATION RECORD

COMPLETION DATE

REMARKS

Shoreline and alongshore pass points compiled	May 1962	Superseded
Manuscript Complete	June 1966	Superseded +
Limited field edit by hydro support party & some revisions by final review	June 1967	

11.

37. LANDMARKS AND AIDS

There are no aids. One landmark has been located and form 567 submitted as a part of this report.

38. CONTROL FOR FUTURE SURVEYS

Four photo-hydro stations were located and are listed under item 49. Shoreline pass points have been located for the use of the hydrographer.

39. JUNCTIONS

Junctions have been made with T-12139 (1:5,000) to the north; T-12146 (1:5,000) to the south; and T-12148 (1:10,000) to the east. This map is in the northeast part of T-12145 (1:10,000).

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with USGS quadrangle FAJARDO, P.R., scale 1:20,000, edition of 1958. The comparison is favorable.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with chart 917, scale 1:40,000, edition of May 6, 1930, revised October 12, 1959; and chart 921, scale 1:10,000, edition of December 1930, corrected to September 6, 1958. The comparison is favorable.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

12

GEOGRAPHIC NAMES
FINAL REVIEW LIST
PH-6106
T-12142 (Shoreline)

- > BAHIA DE FAJARDO
- > BAHIA LAS CABEZAS
- > LAGUNA AGUAS PRIETAS
- > LAGUNA GRANDE
- > PLAYA SARDINERA
- > PUNTA BATERIA
- > PUNTA GORDA

Names from FINAL NAME SHEET (#6 of 7 for Ph-6106) on FAJARDO, P.R.
quadrangle by the Geographic Names Section.

M. M. Slavney
M. M. Slavney
Final Review

*Names approved
May 28, 1968*

*A. J. Wright
Frank W. Fickett*

49. NOTES FOR THE HYDROGRAPHER

Four photo hydro stations were located.

105 (N.E. corner green roof pav.)

106 (Center of green roof house)

107 (N. gable)

109 (Peak of white roofed house) USE WITH CAUTION,
point could not be identified on the 1961
photographs being furnished for hydro-support;
see item 31 of this report.

The field inspector noted a "boat slip" on the south shore of Bahia las Cabezas on field photograph 59-S-3948, approximate lat. $18^{\circ}22'.2$, long. $65^{\circ}38.1"$. This feature does not appear on the 1959 photograph and is not clear on the 1961 photographs. Clarification is requested as to the correct delineation of the boat slip and adjoining ledge or low-water line.

The coral areas were identified but not delimited by the field inspector. Limits shown are from study of Kelsh models and color photographs, when available. The coral limits do not necessarily define the low-water line; this has been left for investigation by the hydrographer.

ITEMS TO BE CARRIED FORWARD

None.

R. E. Smith

R. E. Smith
Carto Photo Aid

APPROVED AND FORWARDED:

V. Ralph Sobieralski
V. Ralph Sobieralski
Tampa District Officer

STRIKE OUT TWO

The positions given have been checked after listing by

V. Ralph Sobieralski Chief of Party.

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. 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.

FORM 182 (8-61)		PHOTOGRAMMETRIC OFFICE REVIEW OF T-12142		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
50.		COMPILATION			
1. PROJECTION AND GRIDS WHS		2. TITLE WHS		3. MANUSCRIPT NUMBERS WHS	
		4. MANUSCRIPT SIZE			
		aa. Classification label <u>unclassified</u>			
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY WHS		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) XX		
	7. PHOTO HYDRO STATIONS WHS	8. BENCH MARKS XX	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT W.O.	
	11. DETAIL POINTS IIS				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE WHS	13. LOW-WATER LINE WHS	14. ROCKS, SHOALS, ETC. WHS	15. BRIDGES XX	
	16. AIDS TO NAVIGATION XX	17. LANDMARKS WHS	18. OTHER ALONGSHORE PHYSICAL FEATURES WHS		
	19. OTHER ALONGSHORE CULTURAL FEATURES WHS				
PHYSICAL FEATURES	20. WATER FEATURES WHS		21. NATURAL GROUND COVER XX		
	22. PLANETABLE CONTOURS XX		23. STEREOSCOPIC INSTRUMENT CONTOURS XX		
	24. CONTOURS IN GENERAL XX		25. SPOT ELEVATIONS XX		
	26. OTHER PHYSICAL FEATURES WHS				
CULTURAL FEATURES	27. ROADS XX	28. BUILDINGS WHS	29. RAILROADS XX		
	30. OTHER CULTURAL FEATURES WHS				
BOUNDARIES	31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX		
MISCELLANEOUS	33. GEOGRAPHIC NAMES WHS			34. JUNCTIONS WHS	
	35. LEGIBILITY OF THE MANUSCRIPT WHS	36. DISCREPANCY OVERLAY XX		37. DESCRIPTIVE REPORT WHS	
	38. FIELD INSPECTION PHOTOGRAPHS WHS		39. FORMS WHS		
	SIGNATURE OF REVIEWER <i>William H. Shearouse</i> William H. Shearouse		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Milton M. Slavney</i> Milton M. Slavney		
40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT - Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.					
SIGNATURE OF COMPILER <i>Done in Final Review</i>			SIGNATURE OF SUPERVISOR <i>M. M. Slavney</i>		

FIELD EDIT REPORT

T-12142

No field edit report was submitted as such. The Item "SHORELINE INSPECTION", on page 2 of Descriptive Report for "Control and Shoreline" for OPR 423, 1964, which is a part of the hydrographic records states: "A limited field edit was carried on concurrently with hydrography for each boat sheet. What field edit notes were made were placed on the cronaflex T sheets and marked on appropriate photos in green ink. T sheets and accompanying photographs were sent to the Washington Office on September 15, 1964."

"All offshore detail shown on the T sheet was verified or deleted by the hydrographic party."

This completed the Item.

M. M. Slavney
M. M. Slavney
Final Review

REVIEW REPORT T-12142
SHORELINE
AUGUST 1967

61. GENERAL STATEMENT

See summary accompanying Descriptive Report (page 6)

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Registered Survey 2478, 1:10,000, 1900

Registered Survey 4205, 1:20,000, 1921

The Comparison Print shows the shoreline taken from these registered surveys in blue.

Agreement is fair considering the scale and time differences. Only at latitude $18^{\circ} 37.5'$, where the shoreline varies by about 75 meters, is the difference surprising; particularly when the remainder of survey 2478 is in fair agreement.

This survey supersedes the previous registered surveys for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

U.S.G.S. quad. FAJARDO, P.R., 1:20,000, 1958

The quadrangle details are on the Comparison Print in purple. Agreement is only fair considering the scale difference.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

EX-5-1-64 (H-8813, 1:5,000, 1964)

EX-10-1-64 (H-8814, 1:10,000, 1964)

The details from these boat sheets are on the Comparison Print in green.

The jetty (?) and "wire mesh seabreaker" at latitude $18^{\circ} 21.55'$, longitude $65^{\circ} 37.55'$ are from EX-5-1-64. The pier and jetty on T-12142 are from field notes made in 1962 or 1963 on 1:10,000 ratio hydro support photograph 61-W-1725. It is probable that construction was further along in 1964, and that the larger scale boat sheet made better delineation possible.

65. COMPARISON WITH NAUTICAL CHARTS

Chart 921, 1:10,000, 8th Edition, June 27, 1966.
Chart 917, 1:40,000, 6th Edition, May 16, 1966.

Chart 921 western limits are at $65^{\circ} 38.37'$, and the chart details are on the Comparison Print in red. Chart 917, at 1:40,000 would require an 8x enlargement, which precludes a valid comparison.

Chart 921 differences are:

The shoreline is in fair agreement, with the largest discrepancies at Bahia Las Cabezas, Laguna Grande, the point of land at latitude $18^{\circ} 20.95'$, longitude $65^{\circ} 38.15'$, and at Punta Gorda.

South of Punta Gorda, at latitude $18^{\circ} 21.55'$, longitude $65^{\circ} 37.55'$, are the jetty and pier apparently completed after photo hydro support (see Item 64). Also the shoreline must have been filled because the chart shows a beach offshore of the shoreline from the 1961 photographs.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

The map meets the Bureau requirements and the National Standards for Map Accuracy. No accuracy tests were run in the field.

Reviewed by:

M.M. Slavney
M.M. Slavney

Approved by:

J. Buller
Norfolk Regional Officer

Approved by:

Charles Thorne 473
Chief, Cartographic Branch
Photogrammetry

John C. Boyer
Chief, Chart Division

Ralph Sobieralski JUN 19 1966
Chief, Photogrammetry Division

Chief, Operations Division

NOTES TO VERIFIER

T-12142 Project Ph-6106 (21042)

BOAT SHEET No. EX-5-1-64 (H8813) and EX-10-1-64 (H-8814)

Please see Items 64 and 65 for differences at latitude
18° 21.55', longitude 65° 37.55'.

