

T-13373

ORIGINAL

T-13373

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-13373	Edition No. 1
Job No. PH-6904	
Map Classification Field Edited Map	
Type of Survey Shoreline	
LOCALITY	
State Puerto Rico	
General Locality South Coast	
Locality Rio Descalabrado	
19 70 TO 19 71	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.																	
DESCRIPTIVE REPORT - DATA RECORD		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">TYPE OF SURVEY</td> </tr> <tr> <td><input checked="" type="checkbox"/> ORIGINAL</td> <td></td> </tr> <tr> <td><input type="checkbox"/> RESURVEY</td> <td></td> </tr> <tr> <td><input type="checkbox"/> REVISED</td> <td></td> </tr> </table>		TYPE OF SURVEY		<input checked="" type="checkbox"/> ORIGINAL		<input type="checkbox"/> RESURVEY		<input type="checkbox"/> REVISED									
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<input type="checkbox"/> REVISED																			
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va.		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">SURVEY WPX 13373</td> </tr> <tr> <td colspan="2" style="text-align: center;">MAP EDITION NO. (1)</td> </tr> <tr> <td colspan="2" style="text-align: center;">MAP CLASS FINAL</td> </tr> <tr> <td colspan="2" style="text-align: center;">JOB PH-6904</td> </tr> </table>		SURVEY WPX 13373		MAP EDITION NO. (1)		MAP CLASS FINAL		JOB PH-6904									
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JOB PH-6904																			
OFFICER-IN-CHARGE Jeffrey G. Carlen		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">LAST PRECEDING MAP EDITION</td> </tr> <tr> <td colspan="2" style="text-align: center;">TYPE OF SURVEY</td> </tr> <tr> <td><input type="checkbox"/> ORIGINAL</td> <td></td> </tr> <tr> <td><input type="checkbox"/> RESURVEY</td> <td></td> </tr> <tr> <td><input type="checkbox"/> REVISED</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">JOB PH-6904</td> </tr> <tr> <td colspan="2" style="text-align: center;">MAP CLASS _____</td> </tr> <tr> <td colspan="2" style="text-align: center;">SURVEY DATES: 19__ TO 19__</td> </tr> </table>		LAST PRECEDING MAP EDITION		TYPE OF SURVEY		<input type="checkbox"/> ORIGINAL		<input type="checkbox"/> RESURVEY		<input type="checkbox"/> REVISED		JOB PH-6904		MAP CLASS _____		SURVEY DATES: 19__ TO 19__	
LAST PRECEDING MAP EDITION																			
TYPE OF SURVEY																			
<input type="checkbox"/> ORIGINAL																			
<input type="checkbox"/> RESURVEY																			
<input type="checkbox"/> REVISED																			
JOB PH-6904																			
MAP CLASS _____																			
SURVEY DATES: 19__ TO 19__																			
I. INSTRUCTIONS DATED																			
1. OFFICE		2. FIELD																	
Compilation October 16, 1970		April 7, 1969 January 23, 1970 January 31, 1972 November 16, 1972																	
II. DATUMS																			
1. HORIZONTAL: <input type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify) Puerto Rico																	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)																	
3. MAP PROJECTION Polyconic		4. GRID(S) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">STATE Puerto Rico</td> <td style="width: 50%;">ZONE 1</td> </tr> <tr> <td>STATE</td> <td>ZONE</td> </tr> </table>		STATE Puerto Rico	ZONE 1	STATE	ZONE												
STATE Puerto Rico	ZONE 1																		
STATE	ZONE																		
5. SCALE 1:10,000		STATE Puerto Rico ZONE 1																	
III. HISTORY OF OFFICE OPERATIONS																			
OPERATIONS		NAME	DATE																
1. AEROTRIANGULATION METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		R. Kelly	Sept 1970																
2. CONTROL AND BRIDGE POINTS METHOD: <u>Coradomat</u> PLOTTED BY		R. Kelly	Sept 1970																
3. STEREOSCOPIC INSTRUMENT COMPIATION WILD B-8 PLANIMETRY BY		P. Dempsey	Oct 1970																
INSTRUMENT: 1:10,000 CHECKED BY		P. Dempsey	Oct 1970																
4. MANUSCRIPT DELINEATION METHOD: <u>Smooth drafted</u> PLANIMETRY BY		B. L. Barge	Dec 1970																
SCALE: 1:10,000 CHECKED BY		R. White	Dec 1970																
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		NA																	
6. APPLICATION OF FIELD EDIT DATA BY		NA																	
7. COMPILATION SECTION REVIEW BY		B. L. Barge	Dec 1970																
8. FINAL REVIEW BY		B. Wilson	Jan 1971																
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		L. Neterer	Jan 1971																
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		A. L. Shands	Mar 1972																
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		A. L. Shands	Mar 1972																
12. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		A. L. Shands	Dec 1977																
13. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		A. L. Shands	Dec 1977																
14. MAP REGISTERED - COASTAL SURVEY SECTION BY		J. B. Phillips	Jan 1978																
15. MAP REGISTERED - COASTAL SURVEY SECTION BY		P. T. Cator	Mar 1978																

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

T-13373

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 8 "E"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Atlantic MERIDIAN 60th	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
70E(C) 6162 - 6165	3/5/70	12:30	1:20,000	0.7 ft. above MLW	
70E(C) 6168 - 6170	3/5/70	12:39	1:20,000	0.7 ft. above MLW	
70E(C) 6120 - 6123	3/5/70	10:47	1:40,000	0.6 ft. above MLW	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The MHWL was compiled from the above listed photographs.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

None compiled.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
No survey	T-13372	T-13127 PH-6708	T-13125 PH6708
REMARKS			

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-13373
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Wilson	Feb 1970
2. HORIZONTAL CONTROL	RECOVERED BY None ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	
3. VERTICAL CONTROL	RECOVERED BY NA ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None LOCATED (Field Methods) BY None IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

None

NOAA FORM 76-36C
(3-72)

T-13373
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Joseph K. Wilson	
2. HORIZONTAL CONTROL	RECOVERED BY R. D. Olson ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA	Mar 1971
3. VERTICAL CONTROL	RECOVERED BY NA ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY Richard D. Olson LOCATED (Field Methods) BY R. D. Olson IDENTIFIED BY R. D. Olson	Mar 1971 Mar 1971 Mar 1971
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input checked="" type="checkbox"/> SPECIFIC NAMES ONLY BY <input type="checkbox"/> NO INVESTIGATION	R. D. Olson Mar 1971
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY R. D. Olson	Apr 1971
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

Field Photos 70E6162, 70E6170

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

WCGB Radio Tower

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
70E6162	WCGB RADIO TOWER		

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

Field Edit Ozalid
1 Form 76-40
1-Field Edit Report

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

T-13373

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit.	12/70	Class III manuscript	1/19/71	1/18/71
Field edit applied. Compilation complete.	3/72	Class I manuscript	9/22/76	
Final Review	12/77	Final	12/31/77	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		9/28/76	Landmark for Charts

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Sept. 28, 1976
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM ~~NO. 76-40~~ ⁷⁶⁻⁴⁰ SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	

SUMMARY TO ACCOMPANY DESCRIPTIVE

REPORTS T-13372 and T-13373

Each of these maps are standard shoreline maps which serve to provide current shoreline in support of contemporary hydrographic surveys and for nautical chart construction. They cover the south coast of Puerto Rico from long. 66°22'30" to long. 66°30'00" and are on the extreme western end of project PH-6904.

Photographs of the area were flown in March, 1970. Delineation of offshore and alongshore area details was hampered by glare which obscures the water areas.

Precompilation field work was limited to the recovery and identification of horizontal control for use in the bridge.

The maps were compiled at the Atlantic Marine Center using the Wild B-8 stereoplotter and by graphic method.

Field edit was accomplished in 1971 and 1972. The edit items were applied to the maps at the Atlantic Marine Center in March and November, 1972.

Final Review was performed at the Atlantic Marine Center in December, 1977. The original base maps were forwarded to the Washington Science Center for reproduction and final registration.

FIELD INSPECTION

T-13373

There was no field inspection prior to compilation.

Aerotriangulation Report
PH-6904
South Coast of Puerto Rico
September 1970

21. Area Covered

This report covers the Southern Coast of Puerto Rico, consisting of (9) 1:10,000 scale T-sheets, 12151, 12161, 13358, 13359, 13363, 13370 thru 13373 and (11) 1:5,000 scale T-sheets, 12143, 12144, 13360 thru 13362 and 13364 thru 13369.

22. Method

Two strips 1:40,000 and one strip of 1:5,000 scale color photography were bridged by analytical methods to provide horizontal control points for compilation and shoreline points for ordering 1:10,000 and 1:5,000 scale ratio prints. The attached sketch of the strips bridged shows the placement of horizontal control points used in the strip adjustments. A list of closures to control is part of this report. Positions of all compilation points and control stations have been plotted on the manuscripts by the Coradi.

23. Adequacy of Control

The horizontal control used is on the new adjustment of the Puerto Rico datum. All control was adequate and held well within the accuracy required by National Standards of Map Accuracy at 1:10,000 and 1:5,000 scales. Tie points were used to augment datum tie between strips 1, 2 and 3.

24. Supplemental Data

U. S. Geological Survey quadrangles were used to provide elevations for vertical adjustment of bridges.

25. Photography

RC-8 E color photography was adequate as to coverage overlap and definition.

Submitted by,

Robert B. Kelly
Robert B. Kelly

Approved and forwarded,

Henry P. Eichert
Henry P. Eichert
Chief, Aerotriangulation
Section

Fig. 10.

100

10711

Sheet	no.	Area sq. mi.
12143	1	3
12144	2	4
12161	9	5
12151	3	5
13358	3	5
13359	3	5
13360	2	5
13361	2	5
13362	2	5
13363	2	5
13364	4	5
13365	2	5
13366	2	5
13367	2	5
13368	3	5
13369	2	5
13370	5	5
13371	5	5
13372	4	5
13373	3	5

LEGEND

- Δ CONTROL USED IN ADJUSTMENT
 () CLOSURES OF BRIDGE TO CONTROL SHOWN
 IN PARENTHESES
 Δ CONTROL USED AS CHECK.

STRIP 1

- Δ FT. ALLEN U.S.N. BASE W.T. (0.0, 0.0)
 Δ " " " SUB STA. A (-0.4, 0.0)
 Δ CORTADA SUEAR CO. STACK 1966 (+0.8, +0.1)
 Δ " " " SUB STA. A (+1.2, +1.2)
 Δ BOCAMAR, 1966 SUB. STA. A (0.0, 0.0)
 Δ INFERNO 2, 1966 (0.0, 0.0)

STRIP 2

- Δ INFERNO 2, 1966 (-0.6, +0.3)
 Δ AGUIRRE, 1966 (-1.3, +0.6)
 Δ BARR, 1965 (-0.6, -1.0)
 Δ PT VIENTO 3, 1966 (-1.2, -0.8)
 Δ HOUSE, 1966 SUB STA. A (+1.1, +0.4)
 Δ YRGUAS 2, 1965 (+1.1, -0.6)
 Δ YRGUAS 2, 1965 SUB STA. A (+0.3, -0.2)

STRIP 3

△	YEGUAS 2, 1965	(0.0, 0.0)
△	YEGUAS 2, 1965 SUB. STA. A	(0.0, 0.0)
△	GUAYANES 2, 1923	(0.0, 0.0)
△	BAT, 1965	(0.0, 0.0)

DESCRIPTIVE REPORT CONTROL RECORD

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

MAP NO.	JOB NO.	GEODETTIC DATUM		ORIGINATING ACTIVITY	
T-13373	PH-6904	Puerto Rico		Division, Norfolk, Va.	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET	GEOGRAPHIC POSITION	
NONE			STATE Puerto Rico	ϕ LATITUDE	REMARKS
			ZONE 1	λ LONGITUDE	
			X=	ϕ	
			Y=	λ	
			X=	ϕ	
			Y=	λ	
			X=	ϕ	
			Y=	λ	
			X=	ϕ	
			Y=	λ	
			X=	ϕ	
			Y=	λ	
			X=	ϕ	
			Y=	λ	
			X=	ϕ	
			Y=	λ	
COMPUTED BY	COMPUTATION CHECKED BY		DATE		
LISTED BY	LISTING CHECKED BY		DATE		
HAND PLOTTING BY	HAND PLOTTING CHECKED BY		DATE		

COMPILATION REPORT

T-13373

31. DELINEATION:

The Wild B-8 was used, primarily. Because of the difficulty in clearing and scaling model 70E(C) 6121-70E(C) 6122, it was decided that use of the plotter for this model would not be of any contributive benefit to our purposes, and the gap formed by its omission was compiled graphically.

The stereo instrument work was done with 1:40,000 photography. Points were selected common to 1:20,000 scale photography which was ratioed to 1:10,000 scale.

32. CONTROL:

See the attached Aerotriangulation Report, dated September 1970.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

The mean high water line was delineated from the photographs.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

Preliminary forms 76-40 for Landmarks and/or Aids were prepared by the Compilation Office and forwarded to the Field Editor and/or Hydrographer for verification, location, or deletion ~~on~~
~~and the final field edited forms~~
~~were forwarded to the Rockville, Md office on~~
~~Sept. 27, 1976. A.L.S.~~

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

See the attached form 76-36B, item 5 of the Descriptive Report concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

Refer to the Aerotriangulation Report, dated September 1970 and see paragraph 31.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with the following U.S. Geological Survey Quadrangle: Santa Isabel, Puerto Rico, scale 1:20,000, dated 1960.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following Chart: 926, scale 1:20,000, 3rd edition, dated November 11, 1968.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Albert C. Rauck, Jr. For
B. Barge
Cartographic Tech.
Dec. 30, 1970

Approved:

Albert C. Rauck, Jr.
Albert C. Rauck, Jr.
Chief, Coastal Mapping Section

October 11, 1977

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6904 (South Coast, Puerto Rico)

T-13373

Mar Caribe

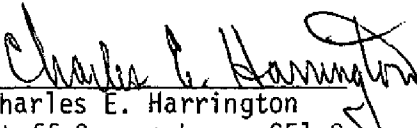
Pastillo

Playa Cortada

Punta Pastillo

Río Descalabrado

Approved by:


Charles E. Harrington
Staff Geographer - C51x2

NOAA FORM 75-74
(7-75)U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL OCEAN SURVEY

PHOTOGRAMMETRIC OFFICE REVIEW

TP - 13373

1. PROJECTION AND GRIDS BW	2. TITLE BW	3. MANUSCRIPT NUMBERS BW	4. MANUSCRIPT SIZE BW
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY BW	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA	7. PHOTO HYDRO STATIONS NA	
8. BENCH MARKS NA	9. PLOTTING OF SEXTANT FIXES LON	10. PHOTOGRAMMETRIC PLOT REPORT BW	11. DETAIL POINTS BW
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE BW	13. LOW-WATER LINE BW	14. ROCKS, SHOALS, ETC. BW	15. BRIDGES BW
16. AIDS TO NAVIGATION BW	17. LANDMARKS BW	18. OTHER ALONGSHORE PHYSICAL FEATURES BW	19. OTHER ALONGSHORE CULTURAL FEATURES BW
PHYSICAL FEATURES			
20. WATER FEATURES BW	21. NATURAL GROUND COVER BW	22. PLANETABLE CONTOURS NA	
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES BW
CULTURAL FEATURES			
27. ROADS BW	28. BUILDINGS BW	29. RAILROADS BW	30. OTHER CULTURAL FEATURES BW
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES BW	34. JUNCTIONS BW	35. LEGIBILITY OF THE MANUSCRIPT BW	
36. DISCREPANCY OVERLAY BW	37. DESCRIPTIVE REPORT BW	38. FIELD INSPECTION PHOTOGRAPHS NA	39. FORMS BW
40. REVIEWER Albert C. Rauck, Jr. For B. Wilson 1/6/71		SUPERVISOR, REVIEW SECTION OR UNIT Albert C. Rauck, Jr. A. C. Rauck, Jr.	
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 L. O. Neterer 3/72 Reviewer: A. L. Shands 3/72 A. L. Shands		SUPERVISOR Albert C. Rauck, Jr. A. C. Rauck, Jr.	
43. REMARKS Field Edit applied from: Field Edit Ozalid T-13373 and Field Photos 70E(C) 6162 and 70E(C)6170 See Form 76-36C, Item #8			

FIELD EDIT REPORT

T-13373

Job PH-6904

South Coast of Puerto Rico

52. ADEQUACY OF COMPILATION.

Compilation was adequate. Some minor shoreline changes were recommended. A concrete drain structure had been misclassified as a pier, one "pier in ruins" was added and one pier was misclassified as a groin. Two ponds at 66° 27' 15" - 17° 59' 15" were found to be intermittent, and in fact, very little traces of their existence could be found at the time they were verified. It is recommended that these be deleted.

54. RECOMMENDATIONS.

None

56. GEOGRAPHIC NAMES.

All of the names on this map manuscript are correct and in common local usage.

Local Authorities Consulted Were:

Julio Molina Olivieri is a pressman for the El Nuevo Dia Newspaper and a boat builder, and has long participated in water sports in the area. He has lived in the area of Santa Isabel for 45 years.

Jorge Tejero is a local fisherman and boat builder and has lived in the area of Playa de Santa Isabel for 40 years.

57. LANDMARKS AND NONFLOATING AIDS TO NAVIGATION.

One tank, a stack, and a radio antenna are recommended as landmarks on charts 902 and 927. There are no fixed aids to navigation in the limits of this sheet. None of the buildings compiled are considered of landmark value.

58. ROCKS, REEFS, SHOALS AND FOUL AREAS.

Limits of coral awash and submerged coral, south of Punta Pastillo, has been redelineated as shown on photo 70E6162. This has been checked with the hydrographers fixes on the reefs.

The foul area east of the above reefs has been verified to exist, but with the south limit being about 20m south of that compiled. The hydrographer will define the exact limits of the foul area on boatsheet MI-10-2-71.

59. MISCELANEOUS.

All times noted on the field edit ozalid refer to G.M.T., and not local time.

All fixes shown on the field ozalid use the hydrographers signals and all numbered signals are the same numbers as on the hydrographic sheet. A list of signals and their positions is included for the area covered by this map manuscript.

Richard D. Olson
Richard D. Olson
LTJG NOAA

LIST OF SIGNALS

for

T-13373

<u>Signal No.</u>	<u>N-Latitude</u> <u>Deg-Min-Meters</u>	<u>W-Longitude</u> <u>Deg-Min-Meters</u>	<u>Located By</u> <u>(Method)</u>
100	17-59 0873.8	66-29 1659.4	Photo ✕
110	17-59 0944.9	66-29 1355.3	Photo ✕
120	17-59 1013.6	66-29 0926.8	Photo
130	17-59 1051.1	66-29 0520.3	Photo
140	17-59 1048.8	66-29 0200.3	Photo
160	17-59 0650.0	66-28 1311.8	Photo
Radio tower 170	17-59 1075.9	66-28 0934.2	Photo
180	17-59 1013.7	66-28 0394.7	Photo
190	17-59 1025.3	66-27 1511.6	Sextant
200	17-59 0883.8	66-27 0919.2	Photo
210	17-59 0359.1	66-27 0408.6	Photo
220	17-59 0014.4	66-27 0292.2	3-point fix (T2)
230	17-58 1842.0	66-27 0038.5	Photo
240	17-58 1452.2	66-26 1106.2	Photo ✕
250	17-58 1295.2	66-26 0943.4	Photo
260	17-58 0947.0	66-26 0666.4	Photo
270	17-58 0684.8	66-26 0464.6	Photo ✕
300	17-59 1540.9	66-26 0039.6	△

REVIEW REPORT

T-13373

SHORELINE

December 27, 1977

61. GENERAL STATEMENT:

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:

No comparison was made. Hydrographic survey H-9190 which covers the area was not available at the Atlantic Marine Center during final review.

65. COMPARISON WITH NAUTICAL CHARTS:

The map was compared with Chart 25685, 1:20,000 scale, 5th edition dated March 6, 1976. Mangrove and ditches shown on the map along the shoreline are not shown on the chart.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Submitted by:

A. L. Shands

A. L. Shands
Final Reviewer

Approved for forwarding:

Joseph W. Vonasek

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

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Chief, Photogrammetric Branch

James C. ...

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