

T-13370

ORIGINAL

T-13370

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-13370	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 Playa De Salinas	
19 70 TO 19 75	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ REVISED	SURVEY TP. <u>13370</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>FINAL</u> JOB PH. <u>6904</u>						
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va. OFFICER-IN-CHARGE Jeffrey G. Carlen, CDR		LAST PRECEDING MAP EDITION <table style="width: 100%;"> <tr> <td style="width: 50%;"> TYPE OF SURVEY ☐ ORIGINAL ☐ RESURVEY ☐ REVISED </td> <td style="width: 50%;"> JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__ </td> </tr> </table>		TYPE OF SURVEY ☐ ORIGINAL ☐ RESURVEY ☐ REVISED	JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__				
TYPE OF SURVEY ☐ ORIGINAL ☐ RESURVEY ☐ REVISED	JOB PH. _____ 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: ☐ 1927 NORTH AMERICAN		OTHER (Specify) Puerto Rico							
2. VERTICAL: ☒ MEAN HIGH-WATER ☒ MEAN LOW-WATER ☐ MEAN LOWER LOW-WATER ☐ MEAN SEA LEVEL		OTHER (Specify)							
3. MAP PROJECTION Polyconic		4. GRID(S) <table style="width: 100%;"> <tr> <td style="width: 50%;">STATE</td> <td style="width: 50%;">ZONE</td> </tr> <tr> <td>Puerto Rico</td> <td>1</td> </tr> <tr> <td>STATE</td> <td>ZONE</td> </tr> </table>		STATE	ZONE	Puerto Rico	1	STATE	ZONE
STATE	ZONE								
Puerto Rico	1								
STATE	ZONE								
5. SCALE 1:10,000									
III. HISTORY OF OFFICE OPERATIONS									
OPERATIONS		NAME	DATE						
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		R. Kelly	Sept 1970						
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Coradomat</u> CHECKED BY		R. Kelly	Sept 1970						
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY		P. Dempsey	Oct 1970						
INSTRUMENT: <u>Wild B-8</u> CONTOURS BY		P. Dempsey	Oct 1970						
SCALE: <u>1:10,000</u> CHECKED BY		R. White	Dec 1970						
4. MANUSCRIPT DELINEATION PLANIMETRY BY		L. Neterer	Dec 1970						
METHOD: <u>Smooth Drafted</u> CHECKED BY		NA							
SCALE: <u>1:10,000</u> CHECKED BY		R. White	Jan 1971						
HYDRO SUPPORT DATA BY		L. Graves	Jan 1971						
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		L. Graves	Jan 1971						
6. APPLICATION OF FIELD EDIT DATA BY		F. Mauldin	Dec 1975						
7. COMPILATION SECTION REVIEW BY		A. C. Rauck	Aug 1976						
8. FINAL REVIEW BY		A. C. Rauck	Aug 1976						
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		A. L. Shands	Dec 1977						
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		A. L. Shands	Dec 1977						
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		J. B. Phillips	Jan 1978						
		R. T. Catler	Mar 1978						

NOAA FORM 76-36B
(3-72)

T-13370

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

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S)

Wild RC 8 "E"

TYPES OF PHOTOGRAPHY
LEGEND

(C) COLOR

(P) PANCHROMATIC

(I) INFRARED

TIME REFERENCE

ZONE

Atlantic

MERIDIAN

60th

☒ STANDARD☐ DAYLIGHT

TIDE STAGE REFERENCE

☒ PREDICTED TIDES☐ REFERENCE STATION RECORDS☐ TIDE CONTROLLED PHOTOGRAPHY

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
70E(C) 6180 - 6182	3/5/70	12:43	1:20,000	0.7 ft. above MLW
70E(C) 6202	3/5/70	13:06	1:20,000	0.8 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-13367 T-13368 (1:5,000)	No survey	T-13371 (1:10,000)

REMARKS

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

T-13370

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Wilson	Feb 1970
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	NA NA NA
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	J. Wilson None None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ 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		2. VERTICAL CONTROL IDENTIFIED	
None		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 ☒ NONE		6. 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)

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

T-13370

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Buffington	May 1975
2. HORIZONTAL CONTROL	RECOVERED BY R. Buffington	May 1975
	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 R. Buffington	May 1975
	LOCATED (Field Methods) BY R. Buffington	May 1975
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ 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)

70E(C) 6181, 6182 (contact) and 6202

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)

1 Form 76-40

Field Edit Ozalid

Field Edit Report 2 paper ozalids with field notes

NOAA FORM 76-36C
(3-72)

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONT-13370
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	Jan 1971	Class III manuscript	1/19/71	1/18/71 12/29/71 1/2/75
Field edit applied. Compilation complete.	Dec 1975	Class I manuscript	9/22/76	7
Final Review	Dec 1977	Final	12/30/77	

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
1		9/28/76	Aid for Deletion
1		Jan. 1978	Aid for Charts

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 9/28/76
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

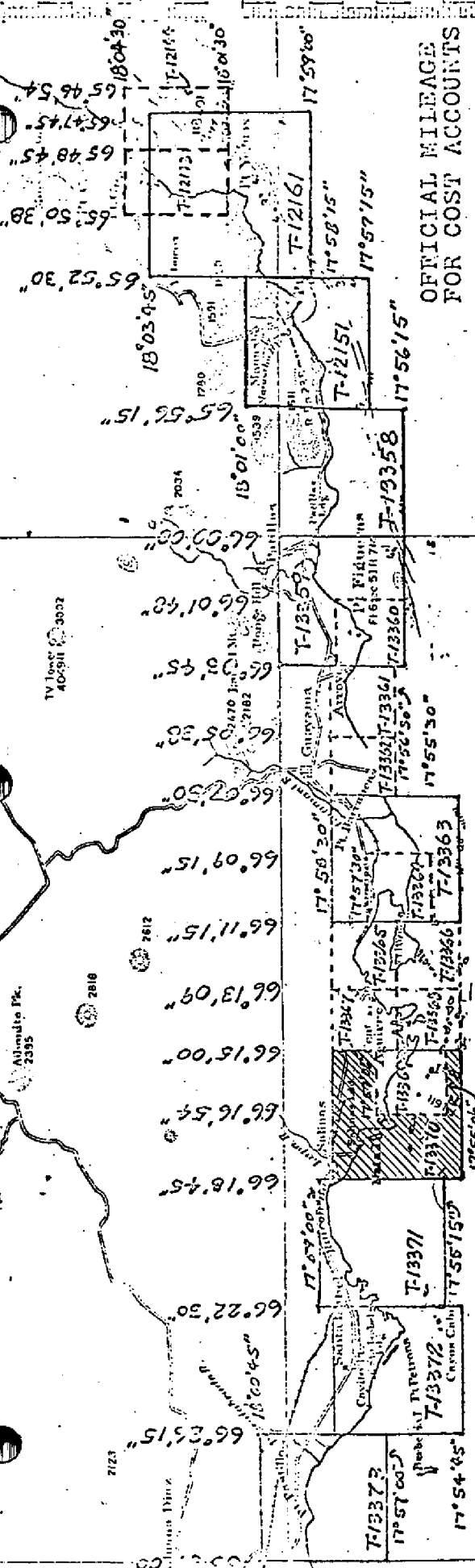
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NO. ~~XXX~~ 76-40 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
X 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 ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL



OFFICIAL MILEAGE
FOR COST ACCOUNTS

Sheet no.	Area sq. mi.
12143	2
12144	1
12161	9
12151	3
13358	3
13359	3
13360	2
13361	2
13362	2
13363	5
13364	4
13365	2
13366	2
13367	2
13368	2
13369	2
13370	5
13371	5
13372	4
13373	3
TOTAL	65

JOB PH-6904
SOUTH COAST, PUERTO RICO
Shoreline Mapping
Scale: 1:10,000
1:5,000

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORTS T-13363 THRU T-13371

The maps included in this summary are all standard shoreline maps which serve to provide current shoreline and alongshore features in support of contemporary hydrographic operations and for nautical chart construction. They cover the south coast of Puerto Rico from Punta Barrancas westward to Punta Aquila and includes all offshore islands.

Photographs of the area were flown in March, 1970. Coverage was adequate.

Field operations prior to compilation was limited to the recovery and identification of horizontal control for use in the bridging. No clarification of details was made at that time.

All maps were compiled at the Atlantic Marine Center using the Wild B-8 stereoplotter. Field edit was performed during the winter and summer of 1975. It was applied to the maps at the Atlantic Marine Center.

Final review was performed at the Atlantic Marine Center in November and December, 1977. All pertinent data was forwarded to the Washington Science Center for reproduction and final registration.

FIELD INSPECTION

T-13370

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

86

S.N. BASE
1966

66°26'15"

CORTADA
SUGAR CO.
STACK, 1966

66°18'45"

66°16'54"

66°15'00"

66°13'09"

66°11'15"

66°09'15"

66°07'30"

66°05'33"

66°03'45"

66°01'48"

66°00'00"

65°58'15"

65°56'15"

65°54'15"

65°52'15"

65°50'15"

65°48'15"

65°46'15"

65°44'15"

65°42'15"

65°40'15"

65°38'15"

65°36'15"

65°34'15"

65°32'15"

65°30'15"

65°28'15"

65°26'15"

65°24'15"

65°22'15"

65°20'15"

65°18'15"

65°16'15"

65°14'15"

65°12'15"

65°10'15"

65°08'15"

65°06'15"

65°04'15"

65°02'15"

65°00'15"

64°58'15"

64°56'15"

64°54'15"

64°52'15"

64°50'15"

64°48'15"

64°46'15"

64°44'15"

64°42'15"

64°40'15"

64°38'15"

64°36'15"

64°34'15"

64°32'15"

64°30'15"

64°28'15"

64°26'15"

64°24'15"

64°22'15"

64°20'15"

64°18'15"

64°16'15"

64°14'15"

64°12'15"

64°10'15"

64°08'15"

64°06'15"

64°04'15"

64°02'15"

64°00'15"

63°58'15"

63°56'15"

63°54'15"

63°52'15"

63°50'15"

63°48'15"

63°46'15"

63°44'15"

63°42'15"

63°40'15"

63°38'15"

63°36'15"

63°34'15"

63°32'15"

63°30'15"

63°28'15"

63°26'15"

63°24'15"

63°22'15"

63°20'15"

63°18'15"

63°16'15"

63°14'15"

63°12'15"

63°10'15"

63°08'15"

63°06'15"

63°04'15"

63°02'15"

63°00'15"

62°58'15"

62°56'15"

62°54'15"

62°52'15"

62°50'15"

62°48'15"

62°46'15"

62°44'15"

62°42'15"

62°40'15"

62°38'15"

62°36'15"

62°34'15"

62°32'15"

62°30'15"

62°28'15"

62°26'15"

62°24'15"

62°22'15"

62°20'15"

62°18'15"

62°16'15"

62°14'15"

62°12'15"

62°10'15"

62°08'15"

62°06'15"

62°04'15"

62°02'15"

62°00'15"

61°58'15"

61°56'15"

61°54'15"

61°52'15"

61°50'15"

61°48'15"

61°46'15"

61°44'15"

61°42'15"

61°40'15"

61°38'15"

61°36'15"

61°34'15"

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61°30'15"

61°28'15"

61°26'15"

61°24'15"

61°22'15"

61°20'15"

61°18'15"

61°16'15"

61°14'15"

61°12'15"

61°10'15"

61°08'15"

61°06'15"

61°04'15"

61°02'15"

61°00'15"

60°58'15"

60°56'15"

60°54'15"

60°52'15"

60°50'15"

60°48'15"

60°46'15"

60°44'15"

60°42'15"

60°40'15"

60°38'15"

60°36'15"

60°34'15"

60°32'15"

60°30'15"

60°28'15"

60°26'15"

60°24'15"

60°22'15"

60°20'15"

60°18'15"

60°16'15"

60°14'15"

60°12'15"

60°10'15"

60°08'15"

60°06'15"

60°04'15"

60°02'15"

60°00'15"

59°58'15"

59°56'15"

59°54'15"

59°52'15"

59°50'15"

59°48'15"

59°46'15"

59°44'15"

59°42'15"

59°40'15"

59°38'15"

59°36'15"

59°34'15"

59°32'15"

59°30'15"

59°28'15"

59°26'15"

59°24'15"

59°22'15"

59°20'15"

59°18'15"

59°16'15"

59°14'15"

59°12'15"

59°10'15"

59°08'15"

59°06'15"

59°04'15"

59°02'15"

59°00'15"

58°58'15"

58°56'15"

58°54'15"

58°52'15"

58°50'15"

58°48'15"

58°46'15"

58°44'15"

58°42'15"

58°40'15"

58°38'15"

58°36'15"

58°34'15"

58°32'15"

58°30'15"

58°28'15"

58°26'15"

58°24'15"

58°22'15"

58°20'15"

58°18'15"

58°16'15"

58°14'15"

58°12'15"

58°10'15"

58°08'15"

58°06'15"

58°04'15"

58°02'15"

58°00'15"

57°58'15"

57°56'15"

57°54'15"

57°52'15"

57°50'15"

57°48'15"

57°46'15"

57°44'15"

57°42'15"

57°40'15"

57°38'15"

57°36'15"

57°34'15"

57°32'15"

57°30'15"

57°28'15"

57°26'15"

57°24'15"

57°22'15"

57°20'15"

57°18'15"

57°16'15"

57°14'15"

57°12'15"

57°10'15"

57°08'15"

57°06'15"

57°04'15"

57°02'15"

57°00'15"

56°58'15"

56°56'15"

56°54'15"

56°52'15"

56°50'15"

56°48'15"

56°46'15"

56°44'15"

56°42'15"

56°40'15"

56°38'15"

56°36'15"

56°34'15"

56°32'15"

56°30'15"

56°28'15"

56°26'15"

56°24'15"

56°22'15"

56°20'15"

56°18'15"

56°16'15"

56°14'15"

56°12'15"

56°10'15"

56°

JOB 31-6904
 SOUTH COAST, PUERTO RICO
 Shoreline Mapping
 Scale: 1:10,000
 145,000

Sheet no.	Area sq. mi.
12143	2
12144	1
12161	9
12151	3
13358	3
13359	3
13360	2
13361	2
13362	2
13363	2
13364	4
13365	2
13366	3
13367	2
13368	2
13369	2
13370	5
13371	5
13372	4
13373	3
TOTAL	35

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 SUGAR CO. STACK 1966 (+0.8, +0.1)
 Δ " " " SUB STA. A (+1.2, +1.2)
 Δ BOCANAR, 1966 SUB. STA. A (0.0, 0.0)
 Δ INFIerno 2, 1966 (0.0, 0.0)

STRIP 2

- Δ INFIerno 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 YEGUAS 2, 1965 (+1.1, -0.6)
 Δ YEGUAS 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. T-13370	JOB NO. PH-6904	GEODETIC DATUM NA 1927	ORIGINATING ACTIVITY Division, Norfolk, Va.
STATION NAME BAHIA DE JOBOS LIGHT, 1975	SOURCE OF INFORMATION (Index) Field edit pos.	COORDINATES IN FEET STATE Puerto Rico ZONE I	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE
		$x =$	ϕ 17 56 08.740
		$y =$	λ 66 16 59.679
		$x =$	ϕ 17 56 08.754
		$y =$	λ 66 16 59.682
		$x =$	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
		$x =$	ϕ
		$y =$	λ
		$x =$	ϕ
		$y =$	λ
COMPUTED BY R. White	DATE 1/11/71	COMPUTATION CHECKED BY B. L. Barge	REMARKS FORWARD BACK 268.7 (1575.9) 1756.4 (009.4) 269.1 (1575.4) 1756.4 (9.4)
LISTED BY	DATE	LISTING CHECKED BY	DATE
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

COMPILATION REPORT

T-13370

SHORELINE

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter.

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.

35. SHORELINE AND ALONGSHORE DETAILS:

The shoreline and alongshore details were delineated by the Wild B-8 stereoplotter.

36. OFFSHORE DETAILS:

No unusual problems.

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.

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:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with US Geological Survey Quadrangle Salinas, Puerto Rico, scale 1:20,000, dated 1960.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 909, scale 1:20,000, 6th edition, dated June 27, 1970 (corr thru N.M. 26/70).

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Richard J. White

R. White
Cartographic Tech.
Jan. 12, 1971

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-13370

Bahía de Rincón

Cayo Mata

Cayos de Ratones

Mar Caribe

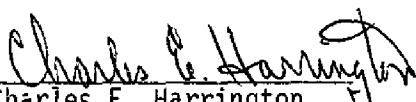
Playa de Salinas

Punta Arenas

Punta Salinas

Río Nigua

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 - 13370

1. PROJECTION AND GRIDS LLG	2. TITLE LLG	3. MANUSCRIPT NUMBERS LLG	4. MANUSCRIPT SIZE LLG
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY LLG	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 NA	10. PHOTOGRAMMETRIC PLOT REPORT Rockville LLG science center	11. DETAIL POINTS LLG
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE LLG	13. LOW-WATER LINE NA	14. ROCKS, SHOALS, ETC. LLG	15. BRIDGES LLG
16. AIDS TO NAVIGATION LLG	17. LANDMARKS LLG	18. OTHER ALONGSHORE PHYSICAL FEATURES LLG	19. OTHER ALONGSHORE CULTURAL FEATURES LLG
PHYSICAL FEATURES			
20. WATER FEATURES LLG	21. NATURAL GROUND COVER LLG		22. PLANETABLE CONTOURS NA
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES LLG
CULTURAL FEATURES			
27. ROADS LLG	28. BUILDINGS LLG	29. RAILROADS LLG	30. OTHER CULTURAL FEATURES LLG
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES LLG	34. JUNCTIONS LLG		35. LEGIBILITY OF THE MANUSCRIPT LLG
36. DISCREPANCY OVERLAY LLG	37. DESCRIPTIVE REPORT LLG	38. FIELD INSPECTION PHOTOGRAPHS NA	39. FORMS LLG
40. REVIEWER A. C. Rauck, Jr. FOR L. L. Graves 1/15/71		SUPERVISOR, REVIEW SECTION, OR UNIT 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 F. Mauldin Dec. 1975 reviewer: A. C. Rauck, Jr. 8/76 A. C. Rauck, Jr.		SUPERVISOR A. C. Rauck, Jr.	
43. REMARKS			

FIELD EDIT REPORT
JOB PH-6904
South Coast of Puerto Rico
T-13363; T-13370 and T-13371

This report is submitted for three 1:10,000 scale maps. The Field Edit was accomplished during the winter season of 1975.

52. ADEQUACY OF COMPILATION

The compilation is generally good; and after application of field edit corrections, additions, and deletions; compilation will be adequate.

54. RECOMMENDATIONS

None.

55. GEOGRAPHIC NAMES

No discrepancies were noted during Field Edit.

56. SHORELINE AND ALONGSHORE FEATURES

Distances were measured to the mean high-water line at the specific areas called for on the field edit ozalid and are recorded on Contact Photo 70E6250.

57. LANDMARKS AND AIDS

Form 76-40 was submitted for all nautical landmarks and fixed aids to navigation by Ship Mt. MITCHELL, see Transmittal Letter 58-75 SURV/mrm dated 30 May 1975 to DIRECTOR AMC ATTN: CAM 5.

58. GENERAL STATEMENT

All field edit notes have been made in violet ink on the field edit sheet and ratio photographs.

Submitted 8/26/75


Robert S. Tibbetts
Surveying Technician



RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	Mt. Mitchell Personnel
POSITIONS DETERMINED AND/OR VERIFIED	Mt. Mitchell Personnel
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	A. L. Shands

INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75 *FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	FIELD II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with copies of Final Verified Smoothsheets H-9267 (MI-10-3-72) and H-9485 (MI-10-1-75). Two piers, a pier in ruin and a sewer line are shown on the smoothsheet just west of Punta Salinas. They are not visible on the photographs and the field editor makes no mention of them.

65. COMPARISON WITH NAUTICAL CHARTS:

The map was compared with Chart 25687, 1:20,000 scale, 8th edition dated March 1, 1975. The Crash Boats Wharf Lights are shown on the chart. However, the hydrographer recommends that they be deleted. See paragraph 61.

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:

A. K. H. Wood

Chief, Photogrammetric Branch

James C. Hall

Chief, Coastal Mapping Div.

REVIEW REPORT

T-13370

SHORELINE

December 21, 1977

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report. T-13370 overlaps 1:5,000 scale map, T-13369. All details lying in the overlap area are shown on T-13369 only. The descriptive report for T-13369 should be consulted for information concerning delineation of details in the overlap area.

The Crash Boat Wharf Lights were recommended for deletion by the ship Mt. Mitchell. (See form 76-40 dated 5/19/75) They were also included on a Form 76-40 "To be deleted" forwarded to charts on September 27, 1976 by the compilation activity. However, these lights have been continuously carried both on the charts and in the light lists.

The ship indicated the lights are "No longer used". They are not shown on the map.

Neither the field nor the compilation activity submitted a Form 76-40 for Bahia de Jobos Light. A form was submitted to charts by the final reviewer.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Not applicable.