

T-13368

ORIGINAL

T-13368

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-13368	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 Cayo Puerco	
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.		TYPE OF SURVEY		SURVEY TR. <u>13368</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. (1)	
				<input type="checkbox"/> RESURVEY		MAP CLASS Final	
				<input type="checkbox"/> REVISED		JOB PH. <u>6904</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va.				LAST PRECEDING MAP EDITION			
OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.				TYPE OF SURVEY		JOB PH. _____	
				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		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)			
				STATE Puerto Rico		ZONE 1	
5. SCALE 1:5,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY				R. Kelly		Sept 1970	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY				P. Dempsey		Oct 1970	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				R. White		Dec 1970	
INSTRUMENT: Wild B-8				L. Neterer		Dec 1970	
SCALE: 1:7500				NA			
				NA			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				B. Barnes		Jan 1971	
METHOD: Smooth drafted				B. Wilson		Feb 1971	
1:5,000				NA			
SCALE: HYDRO SUPPORT DATA BY				B. Barnes		Jan 1971	
				B. Wilson		Feb 1971	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				B. Wilson		Feb 1971	
6. APPLICATION OF FIELD EDIT DATA CHECKED BY				J. Roderick		Feb 1976	
				C. Blood		Feb 1976	
7. COMPILATION SECTION REVIEW BY				C. Blood		Feb 1976	
8. FINAL REVIEW BY				A. L. Shands		Dec 1977	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				A. L. Shands		Dec 1977	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				J. B. Phillips		Jan 1978	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R. T. Coffey		Mar 1978	

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

T-13368

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"/> STANDARD <input type="checkbox"/> DAYLIGHT
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Atlantic MERIDIAN 60th	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
70E(C) 6411 & 6412	3/7/70	12:03	1:15,000	0.9 ft. above MLW	
70E(C) 6246 and 6247	3/7/70	09:47	1:15,000	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
T-13367	T-13366	No survey	WEST-13369 (1:5,000) T-13370 (1:10,000)

REMARKS

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

T-13368

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	None None None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION BY	
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)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-13368
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Buffington	Aug 1975
2. HORIZONTAL CONTROL	RECOVERED BY R. Buffington 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 LOCATED (Field Methods) BY None IDENTIFIED BY None	Aut 1975
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION BY	
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)

1-Field Edit Report

4 Form 76-165

1-Field Edit Ozalid

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-13368
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	2/10/71	12/29/71 1/2/75
Field edit applied. Compilation complete.	Feb 1976	Class I manuscript	9/22/76	
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
2		9/28/76	Landmarks for charts To be deleted Jan 1978 see Review Report
1		9/28/76	Aid to be deleted

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Sept. 28, 19763. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

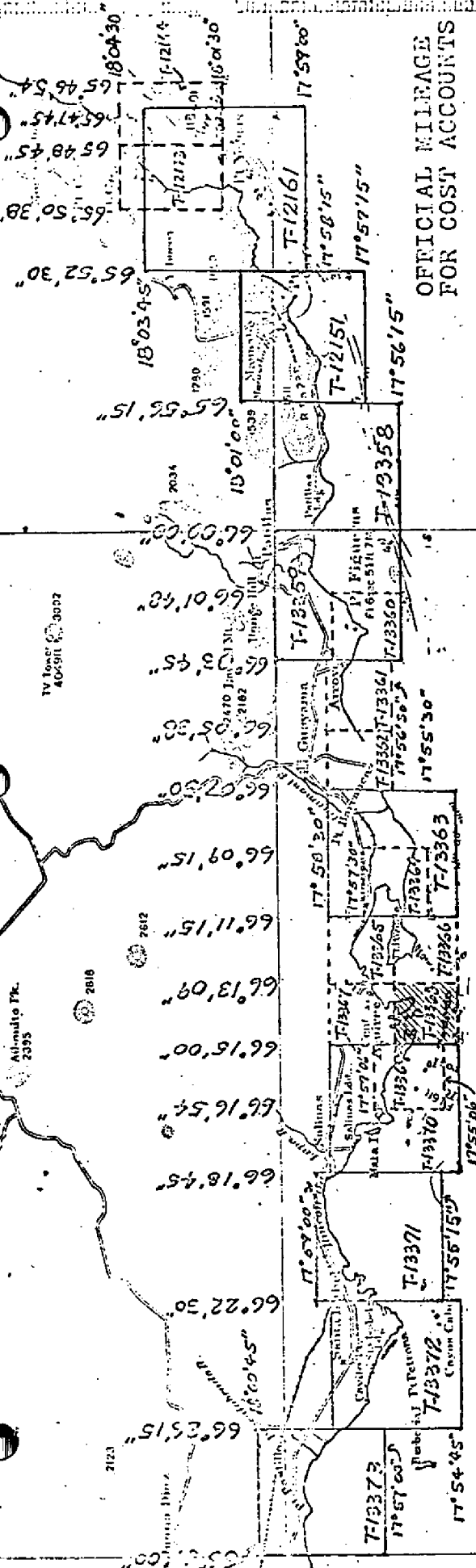
III. FEDERAL RECORDS CENTER DATA

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



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-13368

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

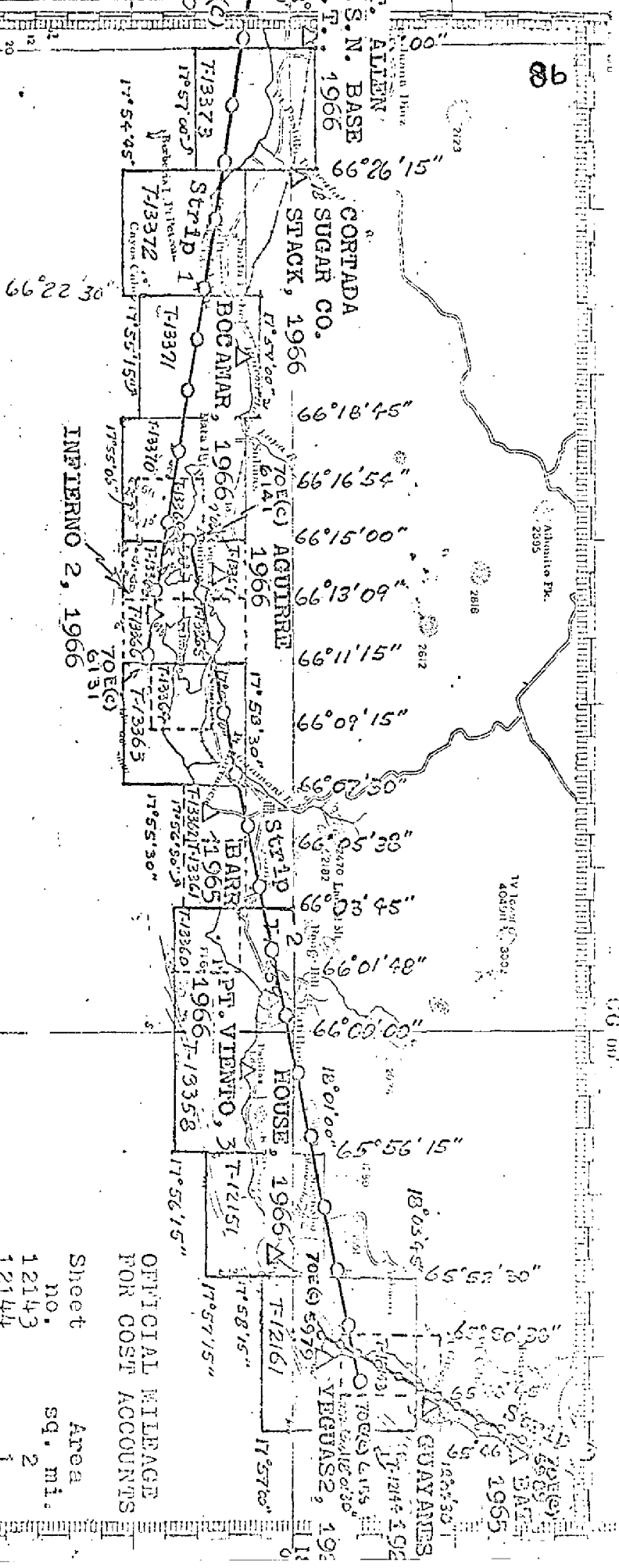
RC-8 E color photography was adequate as to coverage overlap and definition.

Submitted by,

Robert B. Kelly
Robert B. Kelly

Approved and forwarded,

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



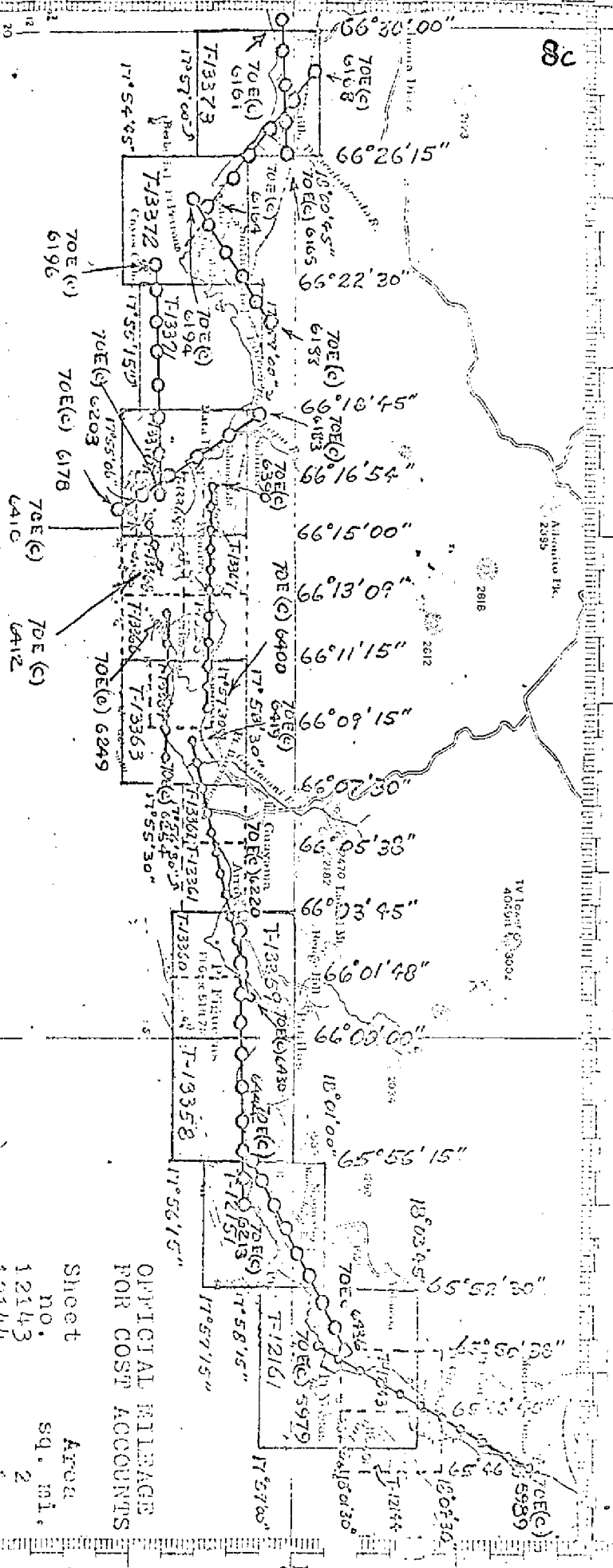
JOB PH-6904
SOUTH COAST, PUERTO RICO
Shoreline Mapping
Scale: 1:10,000
1:5,000

Bridging Photos

INFIerno 2, 1966

OFFICIAL MILEAGE FOR COST ACCOUNTS		
Sheet no.	Area sq. mi.	
12143	1	1
12144	2	2
12161	1	1
12151	1	1
13358	1	1
13359	1	1
13360	1	1
13361	1	1
13362	1	1
13363	1	1
13364	1	1
13365	1	1
13366	1	1
13367	1	1
13368	1	1
13369	1	1
13370	1	1
13371	1	1
13372	1	1
13373	1	1
TOTAL		35

8c



COMPUTATION NOTES

JOB 11-6901
SOUTH COAST, PUERTO RICO
Shoreline Mapping
Scale: 1:10,000
1:5,000

OFFICIAL MILEAGE FOR COST ACCOUNTS		
Sheet no.	Area sq. mi.	
12143		1
12144		2
12161		3
12151		4
13398		5
13399		6
13360		7
13361		8
13362		9
13363		10
13364		11
13365		12
13366		13
13367		14
13368		15
13369		16
13370		17
13371		18
13372		19
13373		20

90911-65

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 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)

COMPILATION REPORT

T-13368

SHORELINE

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter.

32. CONTROL:

See the attached Aerotriangulation Report, dated Sept. 1970.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project. Drainage was delineated by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

The shoreline and alongshore details were delineated by office interpretation of the photographs.

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 for 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 USGS Quadrangle Central Aguirre, 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 NM 26/70).

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

B. Barnes

B. Barnes
Cartographer
Jan. 27, 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-13368

Bahía de Jobos

Boca del Infierno

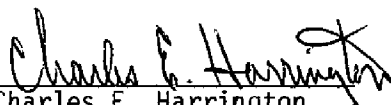
Cayo Puerca

Cayos de Barca

Mar Caribe

Punta Colchones

Approved by:


Charles E. Harrington
Staff Geographer - C51x2

NOAA FORM 75-74
(7-75)U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL OCEAN SURVEYPHOTOGRAMMETRIC OFFICE REVIEW
TP - 13368

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 NA		10. PHOTOGRAMMETRIC PLOT REPORT BW (READ)		11. DETAIL POINTS BW	
ALONGSHORE AREAS (Nautical Chart Data)							
12. SHORELINE BW		13. LOW-WATER LINE NA		14. ROCKS, SHOALS, ETC. BW		15. BRIDGES NA	
16. AIDS TO NAVIGATION BW		17. LANDMARKS NA		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 NA		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 A. C. Rauck, Jr. FOR B. Wilson 2/3/71				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 A. C. Rauck, Jr. FOR J. Roderick 2/12/76 Reviewer: C. Blood 8/76				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
Robert S. Tibbetts
Surveying Technician

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 367.

NONFLOATING AIDS ~~COAST AND GEODETIC~~ FOR CHARTS

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

ORIGINATING ACTIVITY

- ☐ HYDROGRAPHIC PARTY
 - ☐ GEODETIC PARTY
 - ☐ PHOTO FIELD PARTY
 - ☒ COMPILATION ACTIVITY
 - ☐ FINAL REVIEWER
 - ☐ QUALITY CONTROL & REVIEW GRP.
 - ☐ COAST PILOT BRANCH
- (See reverse for responsible personnel)

REPORTING UNIT
(If field party, ship or office)
Coastal Mapping Div.
A.M.C. Norfolk, Va.

LOCALITY
Puerto Rico-South Coast

DATE
Aug. 1976

The following objects HAVE ☒ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.

DATUM

Puerto Rico

POSITION

DESCRIPTION

CHARTING NAME

OPR PROJECT NO.

423

Ph-6904

7-13368

LATITUDE

LONGITUDE

OFFICE

FIELD

CHARTS AFFECTED

° / ' " D.M. Meters

° / ' " D.P. Meters

° / ' " D.P. Meters

° / ' " D.P. Meters

17 55.3

66 14.9

F-V-Vis.

Aug. 1975

909 25687

17 55.1

66 14.4

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17 55.3

66 14.8

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17 55.2

66 14.3

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To charts 9/27/76

REVIEW REPORT

T-13368

SHORELINE

December 14, 1977

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report.

The field editor stated the Bahia de Jobos Range A and Range B lights are now inoperative. The towers supporting each of the two range rear lights however are still standing. They were recovered as triangulation stations. Descriptions, including heights above water level, are given on the field edit ozalid. Recovery notes were also submitted.

The compilation office made the decision that since the towers are still in place they are useful as landmarks. However, there is no evidence that the field editor or hydrographer recommends either of these features for charting. The compilation office should not recommend landmarks for charting. Accordingly, they were deleted as landmarks during final review. Their positions are retained on the map as triangulation stations.

The areas labeled "grass" on the map is described by the field editor as aquatic bottom vegetation. It does not appear on the photographs to be the long bladed grass extending to or above the mean low water line traditionally associated with the phrase "grass in water".

There was no field verification of an obstruction delineated by the compilation office. This item was referred to the hydrographer on the field edit ozalid but was not resolved. The feature is shown on the map at lat. $17^{\circ}55.3''$, long. $66^{\circ}14.2''$.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Not applicable.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with Final Verified Smooth-sheets H-9490 (MI-5-1-75), H-9491 (MI-5-1-75) and H-9485 (MI-10-1-75)

Landmark towers delineated on the smoothsheets on Cayos de Barca were deleted from the map. See paragraph 61.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 25687, 1:20,000 scale, 8th edition, dated March 1, 1975.

Numerous submerged rocks are charted around the south shore of Punta Colchones and Cayo Puerca. Evidence on the photographs seem to support this. However, the field editor has described the area as "soft" and being mostly grass.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the project instructions and meets the requirements for Bureau Surveys 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. Hargood

Chief, Photogrammetric Branch

James C. Little

Chief, Coastal Mapping Div.