

# T-13366

ORIGINAL

T-13366

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-13366	Edition No. I
Job No. PH-6904	
Map Classification Field Edited Map	
Type of Survey Shoreline	
LOCALITY	
State Puerto Rico	
General Locality South Coast	
Locality Cayos Caribes	
19 70 TO 19 75	
REGISTRY IN ARCHIVES	
DATE	



T-13366  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 8 "E"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Atlantic MERIDIAN 60th <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
70E(C) 6248 thru 6250	3/7/70	09:46	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-13365	T-13364(1:5,000) T-13363 (1:10,000)	NO survey	T-13368

REMARKS

None

NOAA FORM 76-36C  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYT-13366  
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	J. Wilson	Feb 1970
RECOVERED BY	None	
ESTABLISHED BY	PBW	Feb 1970
PRE-MARKED OR IDENTIFIED BY	NA	
3. VERTICAL CONTROL	NA	
RECOVERED BY	NA	
ESTABLISHED BY	NA	
PRE-MARKED OR IDENTIFIED BY	None	
4. LANDMARKS AND AIDS TO NAVIGATION	None	
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

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70E(C)6130 & 6141	INFIERNO 2, 1966		

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 Form 152

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

T-13366

## HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION  
XXX

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	Aug 1975
2. HORIZONTAL CONTROL	RECOVERED BY R. Buffington	Aug 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 None	
	LOCATED (Field Methods) BY R. Buffington	Aug 1975
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	<input type="checkbox"/> COMPLETE	
	<input type="checkbox"/> SPECIFIC NAMES ONLY BY	
	<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)

70E(C)6248 &amp; 6250 (matte ratio and contact print)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

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  
3 Paper Ozalids  
1 Field Edit Ozalid

NOAA FORM 76-36C  
(3-72)

NOAA FORM 76-36D  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONT-13366  
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		12/29/71 1/2/75
Field edit applied. Compilation complete.	Feb 1976 Aug 1976	Class I manuscript	9/22/76	
Final Review	Dec 1977	Final	Dec, 1977	

## 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: \_\_\_\_\_

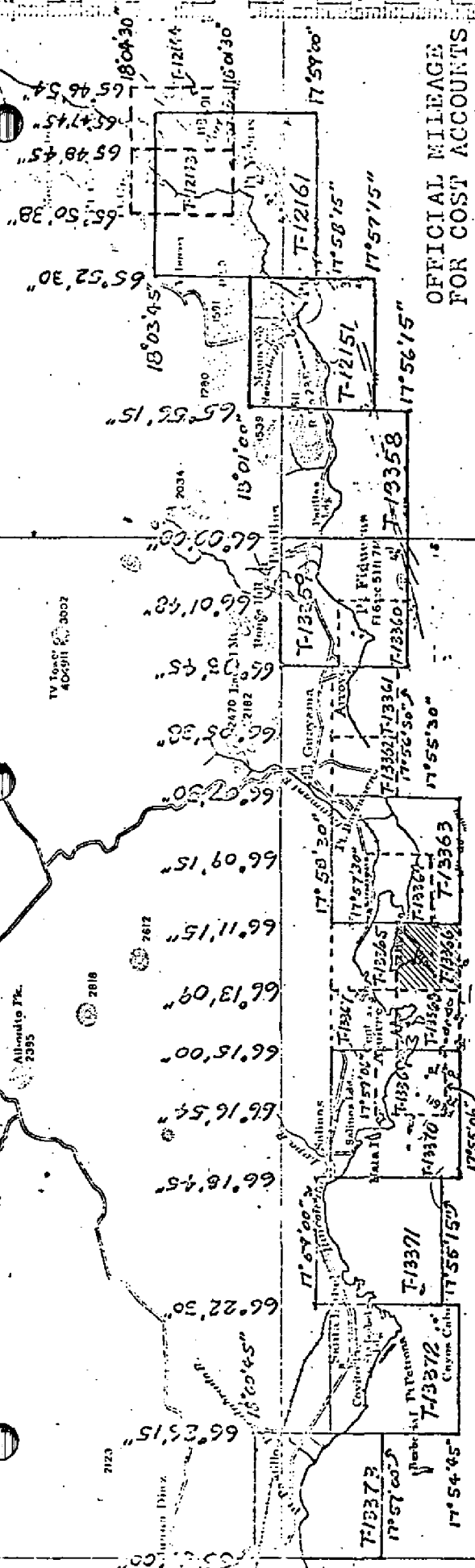
## III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 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



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	3
13367	2
13368	3
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-13366

There was no field inspection prior to office 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

8b

S.N. BASE  
T. 1966

CORTADA  
SUGAR CO.  
STACK, 1966

BOCAMAR  
1966

PT. VILINO, 3  
T-12/51

HOUSE, 1966

VEGUAS, 1966

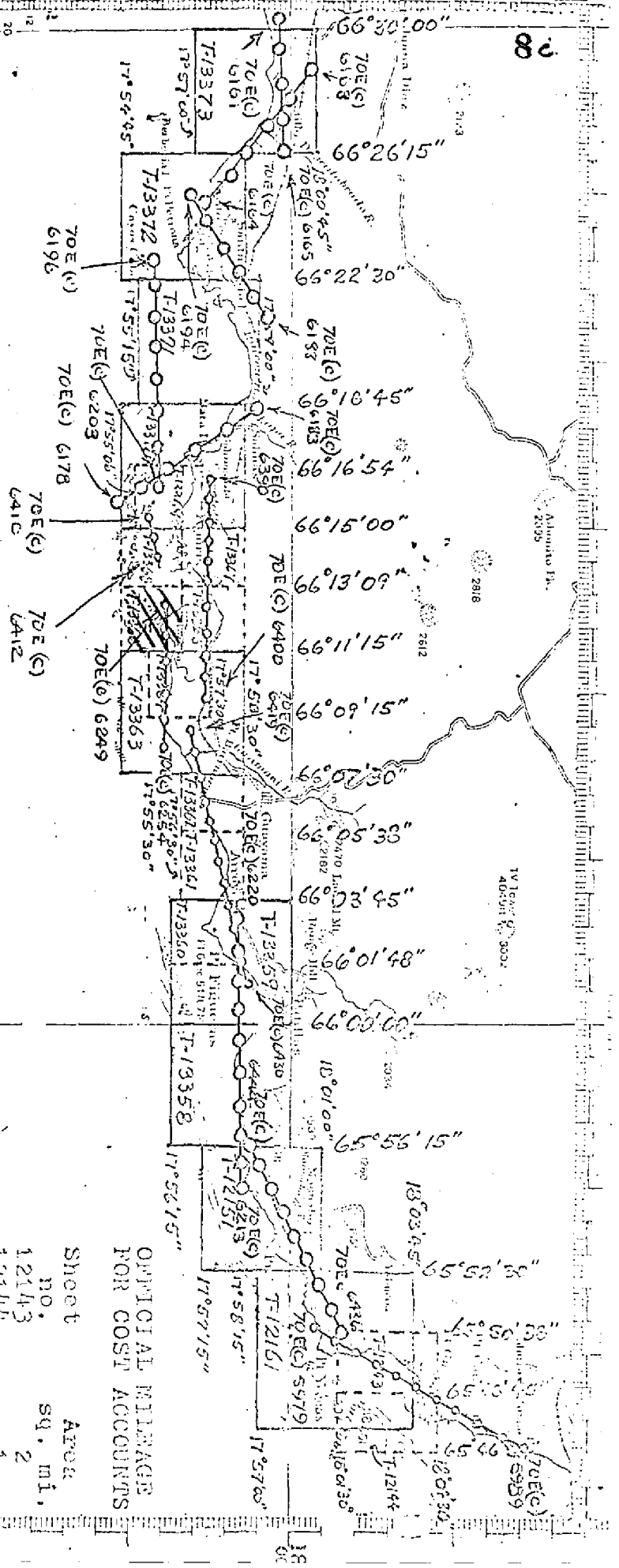
INFIerno 2, 1966

BRIDGES NOTES

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

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

8c



Compilation Photos

JOB 14-6904  
SOUTH COAST, PUERTO RICO  
Shoreline Mapping  
Scale: 1:10,000  
1:5,000

OFFICIAL MILEAGE  
FOR COST ACCOUNTS

Sheet	NO.	Area
	sq. mi.	
1	12143	2
2	12144	1
3	12161	1
4	12151	1
5	13358	1
6	13359	1
7	13360	1
8	13361	1
9	13362	1
10	13363	1
11	13364	1
12	13365	1
13	13366	1
14	13367	1
15	13368	1
16	13369	1
17	13370	1
18	13371	1
19	13372	1
20	13373	1
TOTAL	65	3

## LEGEND

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

## STRIP 1

- $\Delta$  FT. ALLEN U.S.N. BASE W.T. (0.0, 0.0)  
 $\Delta$  " " SUB STA. A (-0.4, 0.0)  
 $\Delta$  CORTADA SUGAR CO. STACK 1966 (+0.8, +0.1)  
 $\Delta$  " " SUB STA. A (+1.2, +1.2)  
 $\Delta$  BOCANAR, 1966 SUB STA. A (0.0, 0.0)  
 $\Delta$  INFIerno 2, 1966 (0.0, 0.0)

## STRIP 2

- $\Delta$  INFIerno 2, 1966 (-0.6, +0.3)  
 $\Delta$  AGUIRRE, 1966 (-1.3, +0.6)  
 $\Delta$  BARR, 1965 (-0.6, -1.0)  
 $\Delta$  Pt VIENTO 3, 1966 (-1.2, -0.8)  
 $\Delta$  HOUSE, 1966 SUB STA. A (+1.1, +0.4)  
 $\Delta$  YEGUAS 2, 1965 (+1.1, -0.6)  
 $\Delta$  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

MAP NO.	STATION NAME	JOB NO.	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		ORIGINATING ACTIVITY		REMARKS
					COORDINATES IN FEET STATE <u>Puerto Rico</u> ZONE <u>1</u>	Geographic Position $\phi$ LATITUDE $\lambda$ LONGITUDE	<u>Puerto Rico</u> Division, Norfolk, Va.		
T-13366		PH-6904			$x =$	$\phi$ 17 55 24.28914			746.7 1097.9
	INFIerno 2, 1966	Geodesy pad 27198			$y =$	$\lambda$ 66 12 54.36901			1600.1 165.8
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
COMPUTED BY	A. C. Rauck, Jr.				COMPUTATION CHECKED BY	E. Pursel, Jr.		DATE	1/28/71
LISTED BY					LISTING CHECKED BY			DATE	
HAND PLOTTING BY					HAND PLOTTING CHECKED BY			DATE	

## COMPILATION REPORT

T-13366

## SHORELINE

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter. Photography was adequate.

32. CONTROL:

See the attached Aerotriangulation Plot Report, dated September 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 the Wild B-8 stereoplotter from office interpretation of the photographs.

~~The mean high water line was delineated from the photographs.~~ A.L.J.

36. OFFSHORE DETAILS:

No unusual problems.



37. LANDMARKS AND AIDS:

No landmarks or aids are charted within the limits of this map.

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 U.S. Geological Survey Quadrangle Central Aguirre, Puerto Rico, scale 1:20,000, revised 1960.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 909, scale 1:20,000, 6th edition, dated June 27, 1970.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

*B. Barnes*

B. Barnes  
Cartographer  
January 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-13366

Bahía de Jobos

Boca del Infierno


Cayos Caribes

Escuela Pozuelo

Mar Caribe

Punta Pozuelo

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 - 13366

1. PROJECTION AND GRIDS EPJ		2. TITLE EPJ		3. MANUSCRIPT NUMBERS EPJ		4. MANUSCRIPT SIZE EPJ	
CONTROL STATIONS							
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY EPJ				6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) EPJ		7. PHOTO HYDRO STATIONS NA	
8. BENCH MARKS EPJ		9. PLOTTING OF SEXTANT FIXES NA		10. PHOTOGRAMMETRIC PLOT REPORT EPJ		11. DETAIL POINTS EPJ	
ALONGSHORE AREAS (Nautical Chart Data)							
12. SHORELINE EPJ		13. LOW-WATER LINE EPJ		14. ROCKS, SHOALS, ETC. EPJ		15. BRIDGES EPJ	
16. AIDS TO NAVIGATION EPJ		17. LANDMARKS EPJ		18. OTHER ALONGSHORE PHYSICAL FEATURES EPJ		19. OTHER ALONGSHORE CULTURAL FEATURES EPJ	
PHYSICAL FEATURES							
20. WATER FEATURES EPJ				21. NATURAL GROUND COVER EPJ		22. PLANETABLE CONTOURS NA	
23. STEREOSCOPIC INSTRUMENT CONTOURS NA		24. CONTOURS IN GENERAL NA		25. SPOT ELEVATIONS NA		26. OTHER PHYSICAL FEATURES EPJ	
CULTURAL FEATURES							
27. ROADS EPJ		28. BUILDINGS EPJ		29. RAILROADS EPJ		30. OTHER CULTURAL FEATURES EPJ	
BOUNDARIES							
31. BOUNDARY LINES NA				32. PUBLIC LAND LINES NA			
MISCELLANEOUS							
33. GEOGRAPHIC NAMES				34. JUNCTIONS EPJ		35. LEGIBILITY OF THE MANUSCRIPT EPJ	
36. DISCREPANCY OVERLAY EPJ		37. DESCRIPTIVE REPORT EPJ		38. FIELD INSPECTION PHOTOGRAPHS		39. FORMS EPJ	
40. REVIEWER A. C. Rauck, Jr. FOR Elmer Pursel Jr. 2/1/71				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 Partial Field Edit: J. Roderick 2/76 Field Edit Applied: F. Margiotta 8/76 Reviewer: F. Margiotta 8/76				SUPERVISOR A. C. Rauck, Jr.			
43. REMARKS A. C. Rauck, Jr. FOR							

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

13

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



## REVIEW REPORT

T-13366

## SHORELINE

December 12, 1977

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report.

The coral delineated on the map at Cayos Caribes was added during final review. Field edit notes verifying its existence were apparently overlooked by the compilation office.

The field editor gave a distance of 175 ft. from the landmark tank (lat.  $17^{\circ}56.4$ , long.  $66^{\circ}11.5$ ) to the MHWL. This indicates significant erosion of the shoreline in that area. However, one measurement does not permit the accurate delineation of an erroded shoreline. Because of this no changes were made in the shoreline. Further investigation of this is necessary before the shoreline can be accurately delineated.

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 Smoothsheets H-9491 (MI-5-1-75) and H-9485 (MI-10-1-75).

A submerged reef delineated on the Class I map at lat.  $17^{\circ}56.5'$ , long.  $66^{\circ}12.0'$  was removed. The least dept recorded in the area is 22 ft.

Notes concerning the large area of coral existing seaward of Cayos Caribes are contained on one of the four paper ozalids returned to compilation by the field editor. It is stated on that ozalid that these notes are also recorded, "in Sounding Volume I of MI-10-1-75, 2 April, 1975. Since both the compiler and the verifier delineated the area with a dashed line labeled "shallow" it is assumed that neither of them made use of the notes. Coral was symbolized on the map during final review.

66. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 25687, 1:20,000 scale, 8th edition, dated March 1, 1975. A tower was recommended as a landmark at lat.  $17^{\circ}56.4'$ , long.  $66^{\circ}11.5'$  by the field editor and is shown on the map.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

The 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

Approved:

*R. K. Thompson*  
Chief, Photogrammetric Branch

*James Little*  
Chief, Coastal Mapping Div.