

# T-13371

ORIGINAL

T-13371

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-13371	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 Bahia De Jauca	
19 70 TO 19 75	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72) <span style="float: right;">U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.</span>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
DESCRIPTIVE REPORT - DATA RECORD		SURVEY <u>13371</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>PH-6904</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Div. Norfolk, Va.		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
OFFICER-IN-CHARGE  Jeffrey G. Carlen		JOB <u>PH-_____</u> MAP CLASS <u>_____</u> 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) STATE                      ZONE Puerto Rico                      1	
5. SCALE  1:10,000		STATE                      ZONE	
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>1:20,000</u> CHECKED BY		R. White	Dec 1970
4. MANUSCRIPT DELINEATION PLANIMETRY BY		L. Neterer	Dec 1970
METHOD: <u>Smooth drafted</u> CHECKED BY		J. Hinton & B. Barge	Dec/70Jan/71
SCALE: <u>1:10,000</u> HYDRO SUPPORT DATA BY		B. Wilson	Jan 1971
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		J. Hinton-B. Barge	Dec/70Jan/71
6. APPLICATION OF FIELD EDIT DATA BY		B. Wilson	Jan 1971
7. COMPILATION SECTION REVIEW BY		D. Butler	Nov 1975
8. FINAL REVIEW BY		F. Margiotta	Dec 1975
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		F. Margiotta	Dec 1975
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		A. L. Shands	Dec 1977
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		A. L. Shands	Dec 1977
		J. B. Phillips	Jan. 1978
		R. T. Catby	Mar. 1978

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

T-13371

## 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 Atlantic	<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 60th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
70E(C) 6189-6190	3/5/70	12:58	1:20,000	0.7 ft. above MLW	
70E(C) 6197	3/5/70	13:05	1:20,000	0.8 ft. above MLW	
70E(C) 6183	3/5/70	12:50	1:20,000	0.7 ft. above MLW	
70E(C) 6125-6127	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-13370	No survey	T-13372

REMARKS

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

## HISTORY OF FIELD OPERATIONS

1. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Wilson	Feb 1970
2. HORIZONTAL CONTROL	RECOVERED BY J. Wilson	Feb 1970
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY PBW	Feb 1970
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

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70E(C)6126	BOCAMAR 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)

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

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## HISTORY OF FIELD OPERATIONS

1. ☐ 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 ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	May 1975
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 R. Buffington IDENTIFIED BY None	May 1975 May 1975
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 R. Buffington	May 1975
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) 6189 &amp; 6190

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)

Field Edit Ozalid 2 paper ozalids with field notes  
 Field Edit Report  
 1 Form 76-40

NOAA FORM 76-36C  
(3-72)

NOAA FORM 76-36D  
(3-72)T-13371  
RECORD OF SURVEY USEU. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

## 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	1/18/71	1/18/71 12/29/71 1/2/75
Field edit applied. Compilation complete.	Nov 1975	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
1		9/28/70	Landmarks for charts

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Sept. 28, 1970
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

## III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; 75240 COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 567 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	



## 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-13371

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

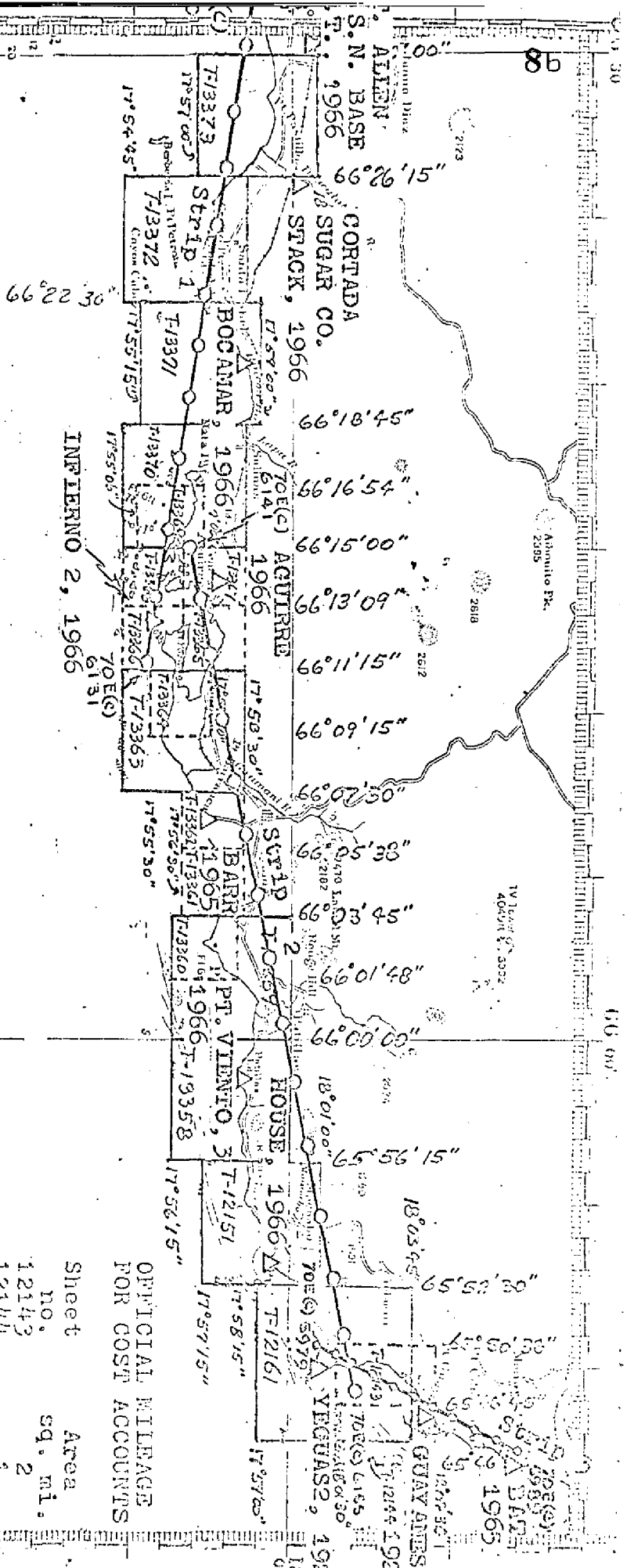
RC-8 E color photography was adequate as to coverage overlap and definition.

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

BRIDGE PHOTOS

OFFICIAL MILEAGE  
FOR COST ACCOUNTS

Sheet no.	Area sq. mi.
12142	1
12144	2
12161	3
12151	4
13358	5
13359	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

TOTAL 355

JOB 34-6904  
 SOUTHERN COAST, PUERTO RICO  
 Shoreline Mapping  
 Scale: 1:10,000  
 1:5,000

Sheet	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	

90941-65

## 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.	JOB NO.	PH-6904	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODEIC DATUM		COORDINATES IN FEET STATE ZONE	GEOGRAPHIC POSITION		ORIGINATING ACTIVITY Coastal Mapping Division, Norfolk, Va.		REMARKS	
					Puerto Rico	Puerto Rico		$\phi$ LATITUDE $\lambda$ LONGITUDE	FORWARD	BACK			
T-13371													
			Geodesy Pad 27196				X=	$\phi$	17 58 40.17004			1234.9	(609.7)
							Y=	$\lambda$	66 20 28.00445			823.9	(941.4)
			Bridging Form 164				X=	$\phi$				682.9	(4317.1)
							Y=	$\lambda$				1505.6	(3494.4)
							X=	$\phi$					
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## COMPILATION REPORT

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31. DELINEATION:

The Wild B-8 was used. Models were set using 1:40,000 scale photography. Points were selected common to the 1:20,000 scale photographs which were ratioed to 1:10,000.

The 1:40,000 scale photos were of very good quality, but the 1:20,000 scale photos were not of the best quality due to glare and/or darkness in some areas.

32. CONTROL:

See the 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:

See Item 31.

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 U.S. Geological Survey Quadrangle: Salinas, Puerto Rico, scale 1:20,000, dated 1960.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Charts 909, scale 1:20,000, 6th edition, dated June 27, 1970 and 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. L. Barge  
Cartographic Tech.  
January 6, 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-13371

Arenal

Arrecife Media Luna

Bahía de Jauca

Bahía de Rincón

Cayo Alfeñique

Cayos de Caracoles

Hacienda Palés

Isla Puerca

Jauca

Mar Caribe

Playa de Jauca


Ponce Guayama (RR)

Punta Aguila

Río Jueyes

Río Nigua

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 - 13371

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) B NA		7. PHOTO HYDRO STATIONS NA
8. BENCH MARKS NA	9. PLOTTING OF SEXTANT FIXES NA	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		21. NATURAL GROUND COVER	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 A.C. Rauck, Jr. FOR B. Wilson 12/14/71		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.			
COMPILED BY A.C. Rauck, Jr. FOR D. Butler 11/26/75 Reviewer: F. Margiotta 12/1/75		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

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



## REVIEW REPORT

T-13371

## SHORELINE

December 22, 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:

Comparison was made with a copy of Final Verified Smoothsheet H-9267 (MI-10-3-72). There are no significant differences.

65. COMPARISON WITH NAUTICAL CHARTS:

The map was compared with Chart 25687, 1:20,000 scale, 8th edition, dated March 1, 1975. There are no significant differences.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

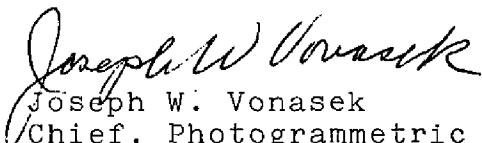
This map complies with the project instructions and meets the requirements for Bureau Standards and the National Standards of Map Accuracy.

Submitted by:

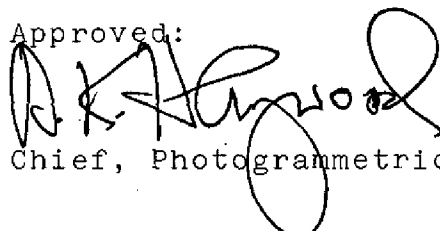
*A. L. Shands*

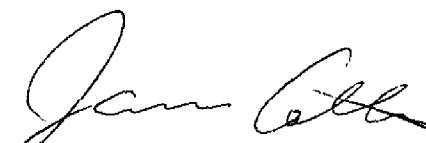
A. L. Shands  
Final Reviewer

Approved for forwarding:

  
Joseph W. Vonasek  
Chief, Photogrammetric Branch

Approved:

  
Chief, Photogrammetric Branch

  
Chief, Coastal Mapping Div.