

T-13372

ORIGINAL

T-13372

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-13372	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 Punta Petrona	
19 70 TO 19 72	
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 <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va.		SURVEY TP. <u>13372</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB PH. <u>6904</u>	
OFFICER-IN-CHARGE Jeffrey G. Carlen		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> 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: <input type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify) <u>Puerto Rico</u>	
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 <u>Puerto Rico</u> <u>1</u>	
5. SCALE 1:10,000		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		R. Kelly P. Dempsey P. Dempsey	Sept 1970 Oct 1970 Oct 1970
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPIATION CHECKED BY INSTRUMENT: Wild B-8 SCALE: 1:10,000 CONTOURS BY CHECKED BY		B. Barge R. Pate NA NA	Nov 1970 Nov 1970
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth drafted SCALE: 1:10,000 CONTOURS BY CHECKED BY HYDRO SUPPORT DATA BY CHECKED BY		B. Barge B. Wilson NA NA B. Barge B. Wilson	Nov 1970 Dec 1970 Nov 1970 Dec 1970
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		B. Wilson	Dec 1970
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		W. Gilbert S. Kumer	Nov 1972 Nov 1972
7. COMPIATION SECTION REVIEW BY		S. Kumer	Nov 1972
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. Catdr	Mar 1978

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-13372
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 8 "E"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES				Atlantic	
<input type="checkbox"/> REFERENCE STATION RECORDS				MERIDIAN	
<input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				60th	
NUMBER AND TYPE		DATE	TIME	SCALE	STAGE OF TIDE
70E(C) 6171 thru 6175		3/5/70	12:41	1:20,000	0.7 ft. above MLW
70E(C) 6191		3/5/70	12:59	1:20,000	0.7 ft. above MLW
70E(C) 6192 thru 6193		3/5/70	12:59	1:20,000	0.8 ft. above MLW
70E(C) 6196		3/5/70	13:02	1:20,000	0.8 ft. above MLW
70E(C) 6123 thru 6125		3/5/77	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-13371	No survey	T-13373

REMARKS

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

T-13372

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

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

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

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(3-72)

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

T-13372

HISTORY OF FIELD OPERATIONS

1. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	E. Pursel Jr.	May 1972
2. HORIZONTAL CONTROL	RECOVERED BY E. Pursel, Jr.	May 1972
	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 E. Pursel Jr.	May 1972
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	<input type="checkbox"/> COMPLETE BY	
	<input type="checkbox"/> SPECIFIC NAMES ONLY	
	<input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

70E(C) 6191, 6196

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 1 paper ozalid with field notes
 1 Form 76-40
 Field Edit Report

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONT-13372
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.	Nov 1970	Class III manuscript	1/19/71	1/18/71
Field edit applied. Compilation complete.	Nov 1972	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		9/28/76	Landmarks for Charts

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 NOS 7840 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	

NOAA FORM 76-36D

SUMMARY TO ACCOMPANY DESCRIPTIVE

REPORTS T-13372 and T-13373

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

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

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

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

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

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

FIELD INSPECTION

T-13372

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

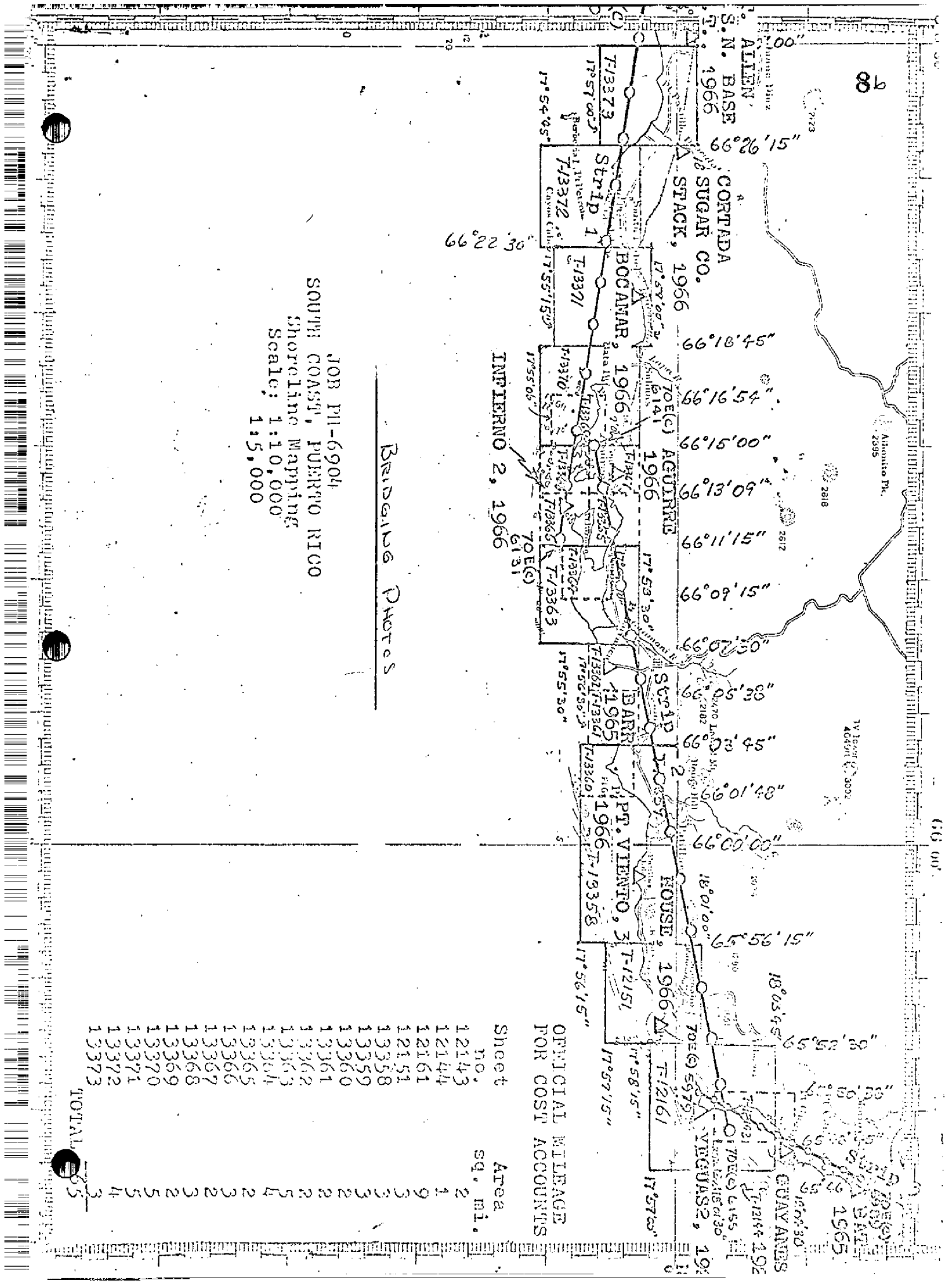
RC-8 E color photography was adequate as to coverage overlap and definition.

Submitted by,

Robert B. Kelly
Robert B. Kelly

Approved and forwarded,

Henry P. Richert
Henry P. Richert
Chief, Aerotriangulation
Section



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

BRIDGINS PHOTOS

OFFICIAL MILEAGE
FOR COST ACCOUNTS

Sheet no.	Area sq. mi.
1	12143
2	12144
3	12161
4	12151
5	13358
6	13359
7	13360
8	13361
9	13362
10	13363
11	13364
12	13365
13	13366
14	13367
15	13368
16	13369
17	13370
18	13371
19	13372
20	13373
TOTAL	35

LEGEND

- Δ CONTROL USED IN ADJUSTMENT
 () CLOSURES OF BRIDGE TO CONTROL SHOWN
 IN PARENTHESIS
 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

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY	COASTAL Mapping	
T-13372	PH-6904	Puerto Rico	Division, Norfolk, Va.		
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Puerto Rico ZONE 1	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	REMARKS FORWARD BACK
SANTA ISABEL, EAST MUNICIPAL WATER TANK 1966	Geodesy Pad 27339		X=	ϕ 17 58 23.22486	714.0 (1130.6)
			Y=	λ 66 24 16.31887	480.2 (1285.2)
SANTA ISABEL, WEST MUNICIPAL WATER TANK, 1966	Geodesy Pad 27338		X=	ϕ 17 58 23.06676	709.1 (1135.5)
			Y=	λ 66 24 17.52895	515.8 (1249.6)
CAYITO, 1966	Geodesy Pad 27216		X=	ϕ 17 57 52.81486	1623.7 (220.9)
			Y=	λ 66 25 53.74733	1581.5 (184.0)
JAUCA 3, 1966	Geodesy Pad 27215		X=	ϕ 17 55 25.72685	790.9 (1053.7)
			Y=	λ 66 23 09.24674	272.1 (1493.8)
			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	B. L. Barge	DATE	COMPUTATION CHECKED BY	L. L. Graves	DATE
LISTED BY		11/17/70	LISTING CHECKED BY		11/18/70
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE

COMPILATION REPORT

T-13372

SHORELINE

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter. The stereo instrument work was done with 1:40,000 photographs. Points were selected common to 1:20,000 scale photographs, which were ratioed to 1:10,000 scale.

32. CONTROL:

See the attached Aerotriangulation Report, dated September 1970.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter.

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:

None.

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

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 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.
November 18, 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-13372

Bahía de Rincón

Cayos Cabezas

Mar Caribe


Playa de Santa Isabel

Punta Cayito

Punta Petrona

Río Coamo

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 - 13372

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 NA		11. DETAIL POINTS BW	
ALONGSHORE AREAS (Nautical Chart Data)							
12. SHORELINE BW		13. LOW-WATER LINE BW		14. ROCKS, SHOALS, ETC. BW		15. BRIDGES NA	
16. AIDS TO NAVIGATION NA		17. LANDMARKS BW		18. OTHER ALONGSHORE PHYSICAL FEATURES BW		19. OTHER ALONGSHORE CULTURAL FEATURES BW	
PHYSICAL FEATURES							
20. WATER FEATURES BW				21. NATURAL GROUND COVER BW		22. PLANETABLE CONTOURS NA	
23. STEREOSCOPIC INSTRUMENT CONTOURS NA		24. CONTOURS IN GENERAL NA		25. SPOT ELEVATIONS NA		26. OTHER PHYSICAL FEATURES BW	
CULTURAL FEATURES							
27. ROADS BW		28. BUILDINGS BW		29. RAILROADS 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 <i>Albert C. Rauck, Jr. FOR</i> B. Wilson 12/18/70				SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> 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 <i>A.C. Rauck, Jr. FOR</i> W. G. Gilbert 11/1/72 Reviewer: S. Kumer 11/6/72 <i>A.C. Rauck, Jr. FOR</i>				SUPERVISOR <i>Albert C. Rauck, Jr.</i> A. C. Rauck, Jr.			
43. REMARKS							

FIELD EDIT REPORT
JOB PH-6904
SOUTHWEST COAST PUERTO RICO
T-13372

52. ADEQUACY OF COMPILATION

Compilation was adequate.

54. RECOMMENDATIONS

Hydrography was not completed for the eastern half of this sheet. It is recommended that this sheet be returned next season when hydrography is expected to be completed.

56. LANDMARKS AND AIDS TO NAVIGATION

Two landmarks fall within the limits of this sheet. SANTA ISABEL EAST AND WEST MUNICIPAL WATER TANKS (which are intersection stations) have been recorded on a Form 76-40 which accompanies data with this report. One landmark (intersection station CORTADA SUGAR COMPANY STACK, 1966), is located north of the limits of this sheet is also listed on Form 76-40.

The buildings compiled on the shoreline of this sheet are not of landmark value and are to be deleted.

No aids to navigation fall within the limits of this sheet.

57. ADDITIONAL INFORMATION

References are made on the field edit ozalid to photo 70E6191 for delineation of coral awash and extent of mangrove that was omitted in compilation.

Reference is made to photo 70E 6196 for delineation of fast shoreline and mangrove on the three islands in the southeast corner of the sheet.

Respectfully submitted,

E. Pursel, Jr.
Cartographic Technician

REVIEW REPORT

T-13372

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:

This map was compared with a copy of Final Verified Smoothsheet H-9267 (MI-10-3-72). Smoothsheet H-9190 which covers this map from long. 66° 25.5' westward was not available at AMC during final review.

A shoal area delineated on the map with an approximate mean low water symbol conflicts with a 3 ft. depth recorded on the smoothsheet at lat. 17° 55.7', long. 66° 23.1'. This feature is represented as a very definite image on the photographs. The feature could have shifted from that position or been dissipated prior to hydrography. The position of the 3 ft. depth should be checked. The shoal area was not removed from the manuscript.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 25685, 1:20,000 scale, 5th edition, dated March 6, 1976. 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

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

D. K. Haysom

Chief, Photogrammetric Branch

James C. Allen

Chief, Coastal Mapping Div.