T-13365

ORIGINAL

T-13365

NOAA FORM 76-35
(3-76)

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

DESCRIPTIVE REPORT

Map No.	*Edition No.*
T-13365	1

Job No.
PH-6904

Map Classification
Field Edited Map

Type of Survey
Shoreline

LOCALITY

State
Puerto Rico

General Locality
South Coast

Locality
Mata Redanda

19 70 TO 19 75

REGISTRY IN ARCHIVES

DATE

*U. S. GOVERNMENT PRINTING OFFICE:1976-669-248

1

NOAA FORM 76-36A (3-72)

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

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY
- [X] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

SURVEY T-13365
MAP EDITION NO. (1)
MAP CLASS FINAL
JOB PH- 6904

PHOTOGRAMMETRIC OFFICE
Coastal Mapping Division
Norfolk, Va.

OFFICER-IN-CHARGE
Jeffrey G. Carlen, CDR

LAST PRECEEDING MAP EDITION

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:	[X] MEAN HIGH-WATER [X] MEAN LOW-WATER [ ] MEAN LOWER LOW-WATER [ ] 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 METHOD: Analytic	BY	R. Kelly	Sept 1970
	LANDMARKS AND AIDS BY	R. Kelly	Sept 1970
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat	PLOTTED BY	P. Dempsey	Oct 1970
	CHECKED BY	P. Depmsey	Oct 1970
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:7,500	PLANIMETRY BY	R. White	Jan 1971
	CHECKED BY	A. L. Shands	Jan 1971
	CONTOURS BY	NA	
	CHECKED BY	NA	
4. MANUSCRIPT DELINEATION METHOD: Smooth Drafted SCALE: 1:5,000	PLANIMETRY BY	B. Barnes	Jan 1971
	CHECKED BY	E. Pursel	Feb 1971
	CONTOURS BY	NA	
	CHECKED BY	NA	
	HYDRO SUPPORT DATA BY	B. Barnes	Jan 1971
	CHECKED BY	E. Pursel	Feb 1971
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	E. Pursel	Feb 1971
6. APPLICATION OF FIELD EDIT DATA	BY	J. Roderick	Feb 1976
	CHECKED BY	A. L. Shands	Feb 1976
7. COMPILATION SECTION REVIEW	BY	A. L. Shands	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. Catoh	MAY 1978

NOAA FORM 76-36A SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

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

T-13365

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC 8 "E"

TIDE STAGE REFERENCE
- [X] PREDICTED TIDES
- [ ] REFERENCE STATION RECORDS
- [ ] TIDE CONTROLLED PHOTOGRAPHY

TYPES OF PHOTOGRAPHY LEGEND
(C) COLOR
(P) PANCHROMATIC
(I) INFRARED

TIME REFERENCE
ZONE: Atlantic
MERIDIAN: 60th
- [X] STANDARD
- [ ] DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
70E(C) 6395 & 6398	3/7/70	11:50	1:15,000	0.9 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-13364(1:5,000) T-13363 (1:10,000)	T-13366(1:5,000)	T-13367 (1:5,000)

REMARKS

NOAA FORM 76-36B
(3-72)

* U. S. GOVERNMENT PRINTING OFFICE: 1974-768-078

NOAA FORM 76-36C
(3-72)

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

T-13365

HISTORY OF FIELD OPERATIONS

I. [X] FIELD INSPECTION OPERATION [ ] FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		J. Wilson	Feb 1970
2. HORIZONTAL CONTROL	RECOVERED BY	None	
	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	None	
	IDENTIFIED BY	None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [X] 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

PHOTO NUMBER	STATION NAME

2. VERTICAL CONTROL IDENTIFIED

NA

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 [X] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [X] 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. GOVERNMENT PRINTING OFFICE: 1974 - 768-078

NOAA FORM 76-36C
(3-72)

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

T-13365

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		R. Tibbetts	8/26/75
2. HORIZONTAL CONTROL	RECOVERED BY	None	
	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	None	
	IDENTIFIED BY	None	
5. GEOGRAPHIC NAMES *INVESTIGATION*	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ 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

PHOTO NUMBER	STATION NAME

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*

70E(C) 6396 (color contact)

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)*

Field Edit Ozalid
Field Edit REport

*U.S. GOVERNMENT PRINTING OFFICE: 1974 - 768-078

NOAA FORM 76-36D
(3-72)

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

T-13365

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		3/30/71 12/29/71 1/2/75
Field edit applied. Compilation complete.	Feb 1976	Class I manuscript	9/22/76	
Final Review	Dec 1977	Final	12/30/70	

II. LANDMARKS AND AIDS TO NAVIGATION None

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. [ ] REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
3. [ ] REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

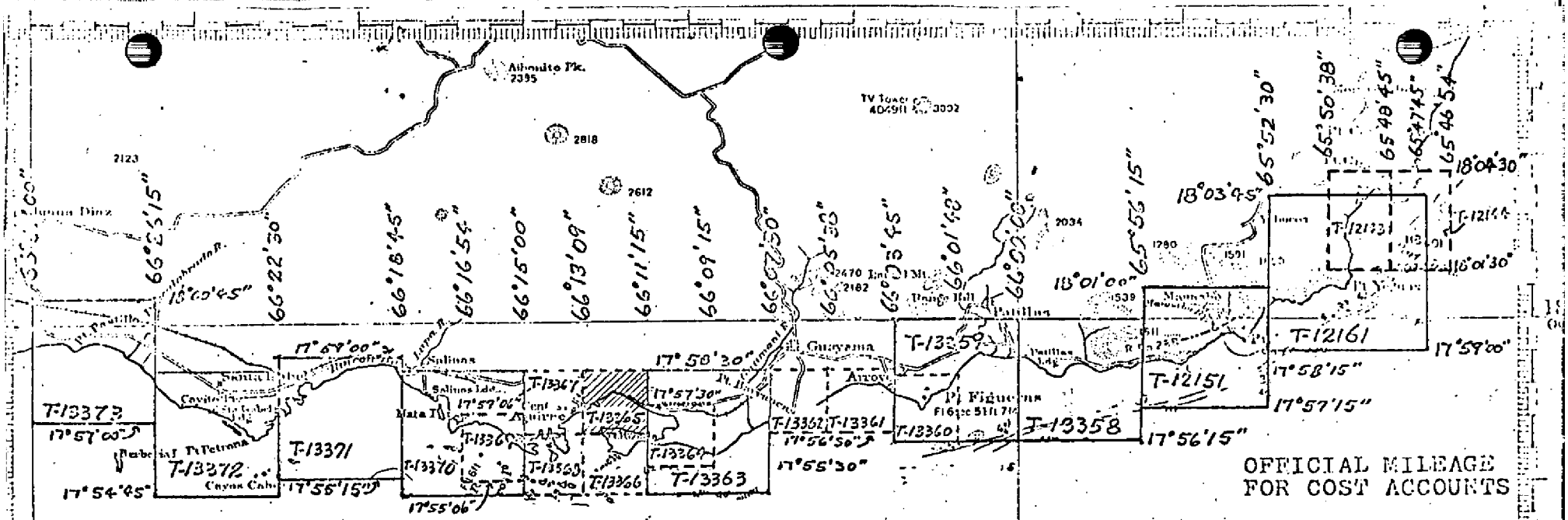
III. FEDERAL RECORDS CENTER DATA

1. [X] BRIDGING PHOTOGRAPHS; [X] DUPLICATE BRIDGING REPORT; [X] COMPUTER READOUTS.
2. [ ] CONTROL STATION IDENTIFICATION CARDS; [ ] FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. [X] 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)*

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
SECOND EDITION	TP - _____ (2)	PH - _____	[ ] REVISED [ ] RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS [ ] II. [ ] III. [ ] IV. [ ] V. [ ] FINAL
THIRD EDITION	TP - _____ (3)	PH- _____	[ ] REVISED [ ] RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS [ ] II. [ ] III. [ ] IV. [ ] V. [ ] FINAL
FOURTH EDITION	TP - _____ (4)	PH - _____	[ ] REVISED [ ] RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS [ ] II. [ ] III. [ ] IV. [ ] V. [ ] FINAL

☆U.S. Government Printing Office: 1975 — 665-661/1108, Region No. 6



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	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	4.5
13373	3
TOTAL	65

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 clearification 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-13365

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal control necessary for bridging.

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,

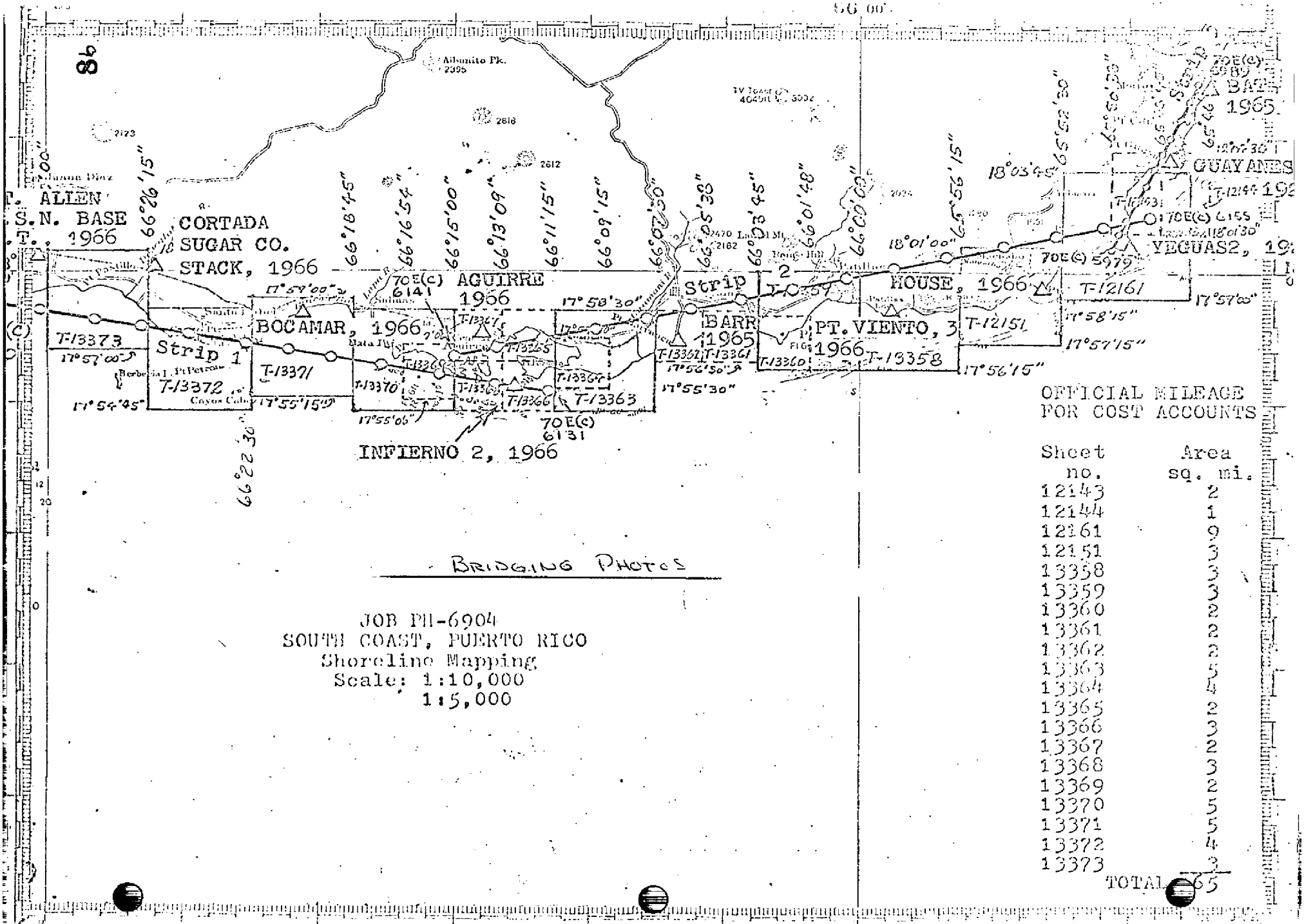
Robert B. Kelly

Robert B. Kelly

Approved and forwarded,

Henry P. Eichert

Henry P. Eichert
Chief, Aerotriangulation
Section

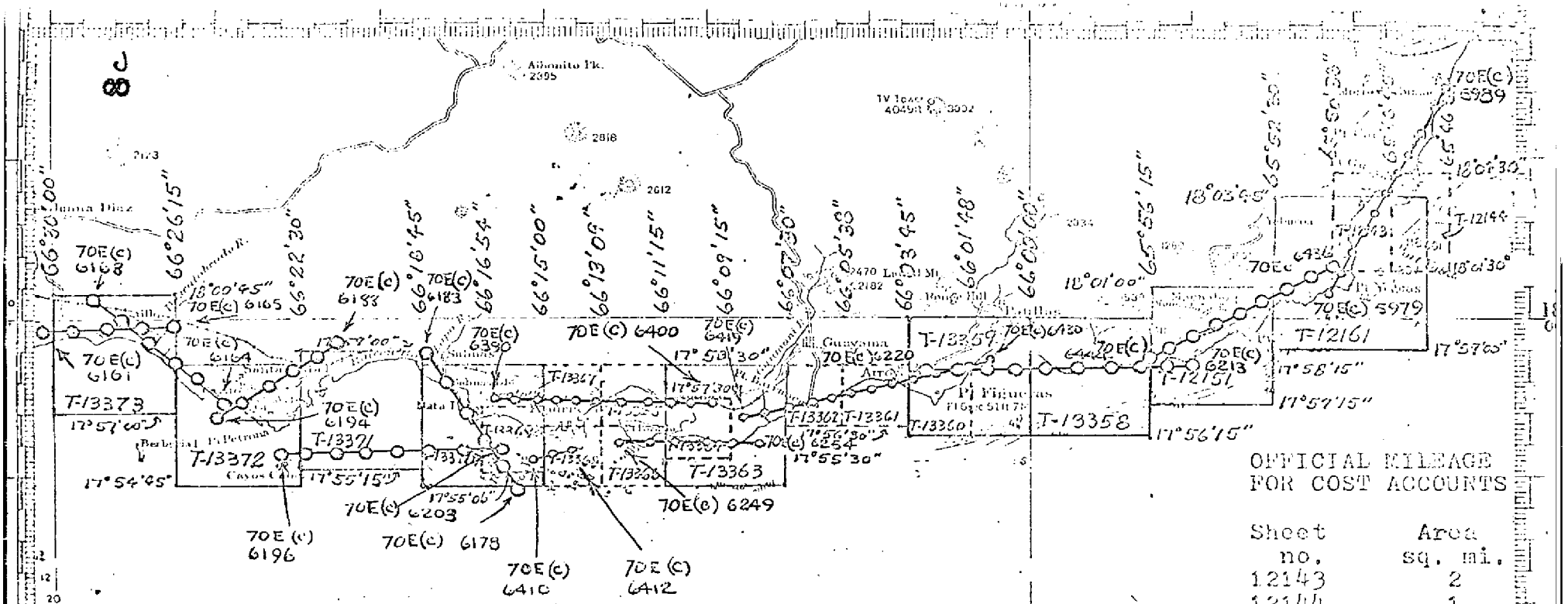


BRIDGING PHOTOS

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	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



COMPILATION PHOTOS

JOB PI-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	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

LEGEND

△ CONTROL USED IN ADJUSTMENT

( ) CLOSURES OF BRIDGE TO CONTROL SHOWN IN PARENTHESIS

△ CONTROL USED AS CHECK.

STRIP 1

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

STRIP 2

△	INFIERNO 2, 1966	(-0.6, +0.3)
△	AGUIRRE, 1966	(-1.3, +0.6)
△	BARR, 1965	(-0.6, -1.0)
△	PT VIENTO 3, 1966	(-1.2, -0.8)
△	HOUSE, 1966 SUB STA. A	(+1.1, +0.4)
△	YEGUAS 2, 1965	(+1.1, -0.6)
△	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)

NOAA FORM 76-41
(6-75)

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
T -13365	PH-6904		Coastal Mapping 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
NONE			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	
			x=	φ	
			y=	λ	

COMPUTED BY	DATE	COMPUTATION CHECKED BY	DATE
LISTED BY	DATE	LISTING CHECKED BY	DATE
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

COMPILATION REPORT

T-13365

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter.

32. CONTROL:

See the attached Aerotriangulation Plot Report, dated Sept. 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 from office interpretation of the photographs.

36. OFFSHORE DETAILS:

No unusual problems.

37. LANDMARKS AND AIDS:

None.

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 Geolgoical 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-13365

Bahía de Jobos

* ~~Mata Redonda~~ A.L.S.

Punta Pozuelo

Punta Rodeo

*This feature no longer exist. Name deleted from map during final review at request of Staff Geographer.

Approved by:

Charles E. Harrington

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 - 13365

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
EPJ	EPJ	EPJ	EPJ

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY *(Topographic stations)*	7. PHOTO HYDRO STATIONS
EPJ	EPJ	NA

8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
EPJ	NA	EPJ	EPJ

ALONGSHORE AREAS *(Nautical Chart Data)*

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
EPJ	EPJ	EPJ	EPJ

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
EPJ	EPJ	EPJ	EPJ

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER	22. PLANETABLE CONTOURS
EPJ	EPJ	NA

23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
NA	NA	NA	EPJ

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
WPJ	EPJ	EPJ	EPJ

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
NA	NA

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS	35. LEGIBILITY OF THE MANUSCRIPT
EPJ	EPJ	EPJ

36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
EPJ	EPJ	NA	EPJ

40. REVIEWER	SUPERVISOR, REVIEW SECTION OR UNIT
A. C. Rauck, Jr. FOR E. Pursel, Jr	A. C. Rauck, Jr. 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	SUPERVISOR
A. C. Rauck, Jr. FOR J. Roderick 2/23/76 A. L. Shands 8/23/76	A. C. Rauck, Jr. A. C. Rauck, Jr.

43. REMARKS A. L. Shands

FIELD EDIT REPORT
JOB PH-6904
SOUTH COAST OF PUERTO RICO
MAPS T-13364, T-13365, T-13366, T-13367, T-13368 and T-13369

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

The shoreline in this area, is for the most part mangrove. All areas that were questioned have been resolved on the field edit ozalid and cross-referenced on the photogrphs. Three obstructions and a pier were located by sextant fix. The fixes were computed and the P.C. Positions are recorded on the appropriate field edit ozalid. Foul areas and reefs have been verified as to existence; the actual limits will have to be defined by the hydrographer.

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. CULTURAL FEATURES

A new thermoelectric plant is being built at Central Aguirre, a general map and site development plan was obtained from the Puerto Rico Water Resources Authority and is submitted with the field edit data.

59. GENERAL STATEMENT

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

Submitted 8/26/75

Robert S. Tibbetts
Robert S. Tibbetts
Chief, Photo Party 62

REVIEW REPORT

T-13365

SHORELINE

December 9, 1977

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report.

There is evidence on the photographs that coral reefs exist in Bahia de Jobos. These areas were origionally delineated on the Class III map as shallow and shown with the standard dash line. They were later deleted on the Class I map. Notes on the smoothsheet (see paragraph 64) confirm the existance of coral in these areas and soundings reveal some of it to be awash. The chart compiler may wish to portray appropriate areas with the coral awash symbol.

The coral reef areas are not delineated on the map. The field editor and hydrographer failed to confirm their identity in any of the field edit data submitted to the compilation office.

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 Smoothsheet H-9491 (MI-5-1-75).

The pier at lat. 17°57.8', long. 66°12.1' was removed from the map to comply with the note on the field edit ozalid.

See paragraph 61.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 25687, 1:20,000 scale, 8th edition, dated March 1, 1975. A mangrove island (Mata Redonda) charted at lat. 17° 57.2', long. 66°12.4' no longer exist. See smoothsheet mentioned in paragraph 64. A small mangrove islet delineated on the map at lat. 17°56.9', long. 66°12.6' is not shown on the chart.

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:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Div.