

13126

13126

FORM C&amp;GS-504

U.S. DEPARTMENT OF COMMERCE  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

Type of Survey Shoreline (Photogrammetric)Field No. .... Office No. T-13126

## LOCALITY

State Puerto RicoGeneral locality Southwest CoastLocality Islacaja De Muertos1966-1972

## CHIEF OF PARTY

Alfred C. Holmes, Director, AMC

## LIBRARY &amp; ARCHIVES

DATE .....

## DESCRIPTIVE REPORT - DATA RECORD

T -13126

OBJECT NO. (II):

PH-6708

FIELD OFFICE (II):

None

CHIEF OF PARTY

PHOTOGRAMMETRIC OFFICE (III):

Atlantic Marine Center, Norfolk, VA

OFFICER-IN-CHARGE

Alfred C. Holmes, Director

INSTRUCTIONS DATED (II) (III):

OFFICE - Nov. 14, 1967

OFFICE - SUPPLEMENT 1 - Nov. 4, 1968

METHOD OF COMPILATION (III):

Wild B-8 Plotter

MANUSCRIPT SCALE (III):

1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:15,000 Pantographed To 1:10,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (IV):

JUN 1975

GEOGRAPHIC DATUM (III):

Puerto Rico

VERTICAL DATUM (III):

MEAN ~~SEA LEVEL~~ <sup>HIGH WATER</sup> EXCEPT AS FOLLOWS:

Elevations shown as (25) refer to mean high water

Elevations shown as (5) refer to sounding datum

i.e., mean low water or mean lower low water

REFERENCE STATION (III):

Muertos Island Light House, 1899

LAT.:

17° 53' 42.518"

LONG.:

66° 31' 17.599

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

Y =

X =

Puerto Rico

1

AN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE,  
OR (IV) WASHINGTON OFFICE.

WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.

## DESCRIPTIVE REPORT - DATA RECORD

T-13126

|   |  |                                     |
|---|--|-------------------------------------|
| FIELD INSPECTION BY (II):   |  | DATE:                               |
| None  |  |                                     |
| MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): |  |                                     |
| Air Photo Compilation - Date of Photography Nov. 15, 1966           |  |                                     |
| PROJECTION AND GRIDS RULED BY (IV):                                 |  | DATE                                |
| Coradomat   |  | Sept. 22, 1970                      |
| PROJECTION AND GRIDS CHECKED BY (IV):                               |  | DATE                                |
| Coradomat   |  | Sept. 22, 1970                      |
| CONTROL PLOTTED BY (III):   |  | DATE                                |
| Aerotriangulation Points: - Coradomat<br>Triangulation Stations: -  |  | Sept. 22, 1970                      |
| CONTROL CHECKED BY (III):   |  | DATE                                |
| Aerotriangulation Points: - Coradomat<br>Triangulation Stations: -  |  | Sept. 22, 1970                      |
| RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):             |  | DATE                                |
| I. I. Saperstein  |  | Oct. 31, 1967<br>Sept. 11, 1970     |
| STEREOSCOPIC INSTRUMENT COMPILATION (III):<br><br>Wild B-8          | PLANIMETRY By: R. White<br>Reviewed By: A. L. Shands | DATE Nov. 20, 1970<br>Nov. 20, 1970 |
|   | CONTOURS<br><br>Inapplicable                         | DATE                                |
| MANUSCRIPT DELINEATED BY (III):                                     |  | DATE                                |
| R. White  |  | Nov. 24, 1970                       |
| SCRIBING BY (III):  |  | DATE                                |
| PHOTOGRAMMETRIC OFFICE REVIEW BY (III):                             |  | DATE                                |
| L.F. Beugnet  |  | Nov. 1970                           |
| REMARKS:  |  | DATE:                               |
| Field Edit By: - E. Pursel  |  | May 17, 1972                        |

## DESCRIPTIVE REPORT - DATA RECORD

T-13126

CAMERA (KIND OR SOURCE) (III):

Wild RC-8 "L"

## PHOTOGRAPHS (III)

| NUMBER               | DATE          | TIME  | SCALE    | STAGE OF TIDE |
|----------------------|---------------|-------|----------|---------------|
| 66L(c)8363 thru 8366 | Nov. 15, 1966 | 10:19 | 1:15,000 | 0.8 above MLW |
| 66L(I)8643 thru 8646 | Nov. 16, 1966 | 10:40 | 1:15,000 | 0.8 above MLW |

## PREDICTED TIDE (III)

## DIURNAL

|  | RATIO OF RANGES | MEAN RANGE | <del>MEAN</del> RANGE |
|--|-----------------|------------|-----------------------|
| REFERENCE STATION: Galveston, Texas      |                 |            | 1.4                   |
| SUBORDINATE STATION: Playa Cortada, P.R. | 0.57            |            | 0.4                   |
| SUBORDINATE STATION:                     |                 |            |                       |

WASHINGTON OFFICE REVIEW BY (IV): Bernard Kurs, AMC

DATE:  
March, 1973

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 1

RECOVERED:  
1IDENTIFIED:  
None

NUMBER OF BM(S) SEARCHED FOR (II): None

RECOVERED:  
NoneIDENTIFIED  
None

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): None

REMARKS:

# HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION

| OPERATION                           | NAME  | DATE      |
|-------------------------------------|---|-----------|
| 1. CHIEF OF FIELD PARTY             | E. Pursel, Jr.  | 17 May 72 |
| 2. HORIZONTAL CONTROL               | RECOVERED BY<br>ESTABLISHED BY<br>PRE-MARKED OR IDENTIFIED BY   |           |
|                                     | N.A.  |           |
|                                     | N.A.  |           |
|                                     | N.A.  |           |
| 3. VERTICAL CONTROL                 | RECOVERED BY<br>ESTABLISHED BY<br>PRE-MARKED OR IDENTIFIED BY   |           |
|                                     | N.A.  |           |
|                                     | N.A.  |           |
|                                     | N.A.  |           |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY<br>LOCATED (Field Methods) BY<br>IDENTIFIED BY  |           |
|                                     | E. Pursel, Jr.  |           |
|                                     | N.A.  |           |
|                                     | N.A.  |           |
| 5. GEOGRAPHIC NAMES INVESTIGATION   | TYPE OF INVESTIGATION<br><input type="checkbox"/> COMPLETE<br><input type="checkbox"/> SPECIFIC NAMES ONLY<br><input type="checkbox"/> NO INVESTIGATION |           |
|                                     | None  |           |
| 6. PHOTO INSPECTION                 | CLARIFICATION OF DETAILS BY   |           |
|                                     | None  |           |
| 7. BOUNDARIES AND LIMITS            | SURVEYED OR IDENTIFIED BY   |           |
|                                     | N.A.  |           |

## II. SOURCE DATA

| 1. HORIZONTAL CONTROL IDENTIFIED |              | 2. VERTICAL CONTROL IDENTIFIED |                     |
|----------------------------------|--------------|--------------------------------|---------------------|
| None                             |              |                                |                     |
| PHOTO NUMBER                     | STATION NAME | PHOTO NUMBER                   | STATION DESIGNATION |
|                                  |              |                                |                     |

3. PHOTO NUMBERS (Clarification of details)

66L(c)8364, 8365, 8366

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

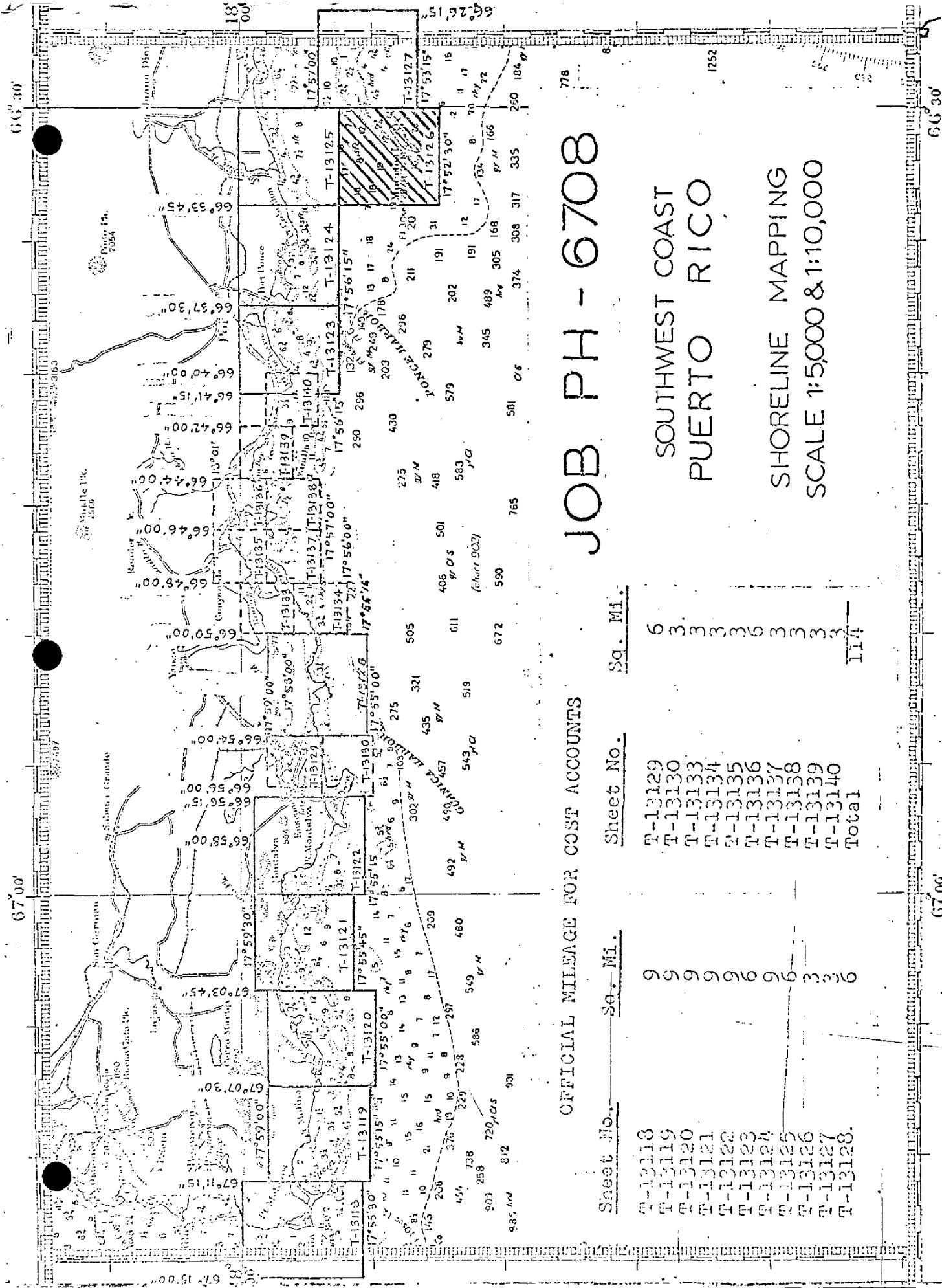
None

## 8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

See Data Submitted with Report  
Field Edit Report  
Form 76-40

T-13126

| COMPILATION RECORD  | COMPLETION DATE | REMARKS    |
|---|-----------------|------------|
| Alongshore Area For Hydro.<br>Complete Pending Field Edit | Nov. 1970       | Superseded |
| Field Edit Applied  | July 1972       | Superseded |
| Final Review  | March 1973      |            |
|   |                 |            |
|   |                 |            |



# JOB PH - 6708

SOUTHWEST COAST  
PUERTO RICO  
SHORELINE MAPPING  
SCALE 1:5000 & 1:10,000

## OFFICIAL MILEAGE FOR COST ACCOUNTS

| Sheet No. | Sq. Mi. | Sheet No. | Sq. Mi. |
|-----------|---------|-----------|---------|
| T-13118   | 9       | T-13129   | 6       |
| T-13119   | 9       | T-13130   | 3       |
| T-13120   | 9       | T-13133   | 3       |
| T-13121   | 9       | T-13134   | 3       |
| T-13122   | 9       | T-13135   | 3       |
| T-13123   | 9       | T-13136   | 3       |
| T-13124   | 9       | T-13137   | 3       |
| T-13125   | 9       | T-13138   | 3       |
| T-13126   | 9       | T-13139   | 3       |
| T-13127   | 9       | T-13140   | 3       |
| T-13128   | 9       | Total     | 114     |

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT

T-13126

Shoreline survey T-13126 is one of twenty-one similar surveys in Project PH-6708. The project is located on the south shore of Puerto Rico and extends from Cabo Rojo to Cayo Berberia. This manuscript covers Isla Morrillito and Isla Caja de Muertos.

There was no field work preceding the incomplete manuscript.

Compilation was by B-8 plotter using November, 1966 photography. A copy of the incomplete manuscript along with ozalids and specially prepared photographs were furnished for the preparation of the boat sheets; location of the photo-hydro signals and field edit use.

This manuscript was a stabilene sheet, three minutes, forty-five seconds in latitude and three minutes, forty-five seconds in longitude at 1:10,000 scale. After field edit was applied and checked, the manuscript was scribed, reproduced, and stuck-up. The final review was at AMC in March, 1973. One cronaflex and negative of the final reviewed survey are being forwarded for record and registry.



FIELD INSPECTION REPORT  
PH-6708  
T-13126

There was no field inspection prior to compilation.

## PHOTOGRAMMETRIC PLOT REPORT

Job PH-6708

Puerto Rico

October 31, 1967

### 21. Area Covered

This report covers the southwest part of Puerto Rico, consisting of eight (8) 1:10,000 scale T-sheets, T-13118 thru T-13125, and thirteen (13) 1:5,000 scale T-sheets, T-13128 thru T-13140. Photography covering sheets T-13126 and T-13127 was not bridged at this time due to lack of control.

### 22. Method

Analytic aerotriangulation methods were used to bridge Strip 1, 1:60,000 scale color diapositives, using premarked and office identified control. Numerous tie points were located to control the compilation photography. Strips 3, 5, 5A, 6, 7 and 8 were bridged by analytic methods. Strips 2 and 4 were bridged by stereoplanigraph in order to facilitate the work.

The attached sketch of the strips bridged shows the placement of triangulation used in the final strip adjustment. Closures to control are shown for each strip on the IBM readout, along with all bridge points on Puerto Rico plane coordinates.

### 23. Adequacy of Control

Horizontal control is adequate to control Strip 1. All other strips were bridged using tie points and horizontal control and is adequate.

The premarked paneling at station PAGEN was removed prior to photography and the subpoint could not be identified. It was decided, therefore, to end Strip 1 with photo 66-M-625 and Strip 6 with photo 66-L-8433. However, it is believed that sheet T-13125 can be adequately compiled.

Station GUANICA L.H. 1900 does not have a valid position. Geodesy did not tie to this station during the 1966 work, and no adjustment was made to the new Puerto Rico datum. (Station has been reported destroyed.) The positions shown on Form 725d computed by Geodesy is arbitrary. Therefore, GUANICA L.H. Subpoint 1 and subpoint 2 are unreliable and were not held in the bridge.

It is to be noted that all horizontal control used on this job and the final pass point positions are on the new Puerto Rico Datum. A Xerox copy of triangulation station positions issued by Geodesy is submitted to the Compilation office with this job. Previously published GP's and plane coordinates should not be used for plotting.

24. Supplemental Data

Vertical control needed for the adjustment was taken from USGS quadrangles.

25. Photography

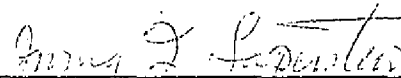
The definition and quality of the RC-9 "M" and RC-8 "L" color photography was fair and good respectively. Smoke covers parts of some photographs on Strips 3 and 5A, but should not hinder compilation of the shoreline.

Although sheets T-13137 thru T-13140 are covered by 1:15,000 scale photographs, these photographs were not bridged, nor can they be used for compilation on the plotter because of water areas. Strip 3, therefore, should be used to compile the above sheets.


Ratio prints have been ordered for the 1:30,000 and 1:15,000 scale photographs to compilation scale, on black and white base.

Several points were transferred to ratio print 66-L-8394 in order that a reef on T-13140 may be compiled graphically.

Respectfully submitted

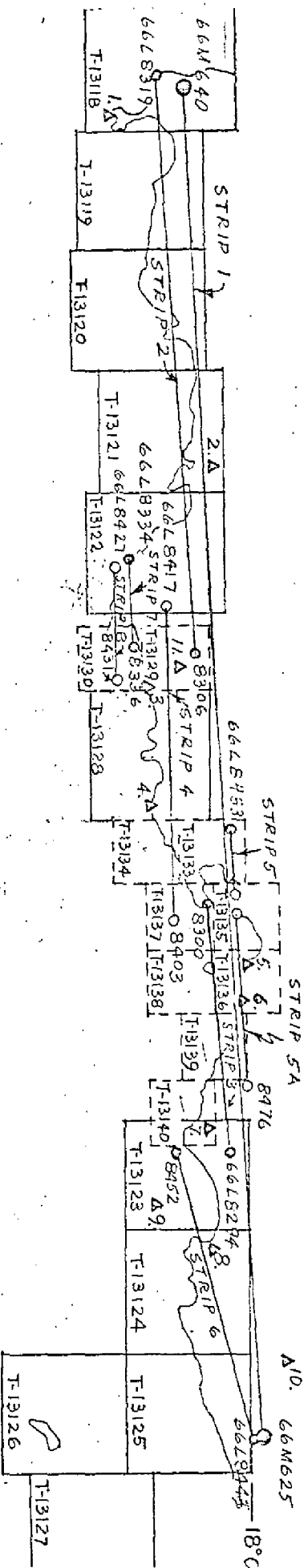
  
I. I. Saperstein

Approved and Forwarded

  
Henry P. Eichert, Chief  
Aerotriangulation Section

6700'

66.30'



1. CABO RULO (USAF) 1966
2. CERO VERTERO 2 (USAS) 1934
3. ENCENADA, SOUTH P.R. SUGAR CO.  
CENT. GUANICA WEST & EAST STACKS, 1966  
GUANICA MUNIC. W.T. 1966
4. VAQUERO, 1900
5. TURN 2, 1966
6. GUAYANILLA, UNION CARBIDE CO. W.T. 1966
7. REY, 1966
8. PONCE, RABO STATION WELD MAST, 1966  
PONCE BAY FRONT REAR RANGE LTS. 1966
9. CARRON A ISLAND L.H. 1900
10. PONCE, DON Q RUN CO. STACK, 1966
11. BAHIA DE GUANICA RANGE FRONT  
# REAR LTS. 1966

# AEROTRIANGULATION

PUERTO RICO  
Southwest Coast

PH-6708

Oct. 1967

LEGEND

- Δ Control used in Adjustment

# DESCRIPTIVE REPORT CONTROL RECORD

| MAP T- 13126  | PROJECT NO. PH-6708              | SCALE OF MAP 1:10,000      | SCALE FACTOR None                                     |   |
|---|----------------------------------|----------------------------|---|---|
| STATION   | SOURCE OF INFORMATION<br>(INDEX) | DATUM                      | LATITUDE OR Y COORDINATE<br>LONGITUDE OR X COORDINATE | N.A. 1927 - DATUM<br>DISTANCE FROM GRID OR PROJECTION LINE<br>IN METERS ( $\frac{1}{ft} = \frac{3048006}{meter}$ )<br><div style="display: flex; justify-content: space-between;"><div>FORWARD</div><div>(BACK)</div></div> |
| Muertos Island Lighthouse, 1899   | Geodesy Pad 27224                | Puerto Rico                | 17° 53' 42.51822"                                     | 1307.1 (537.5)  |
| Janet, 1970   |                                  | "                          | 66 31' 17.59918"                                      | 518.0 (1248.2)  |
|   |                                  |                            | 19,198. 34 ft.  | 4,198.34 ft. (801.66)   |
|   |                                  |                            | 466,809.17 ft.  | 1,809.17 ft. (3,190.83)   |
| Rea, 1970   |                                  | "                          | 25,907.13 ft.   | 907.13 ft. (4,092.87)   |
|   |                                  |                            | 472,189.34 ft.  | 2,189.34 ft. (2,810.66)   |
| Note: The positions of Janet, 1970 and Rea, 1970 were determined by three point fix for Photo - grammetric Mapping purposes only and are marked by topographic station disks. |                                  |                            |   |   |
|   |                                  |                            |   |   |
|   |                                  |                            |   |   |
|   |                                  |                            |   |   |
|   |                                  |                            |   |   |
|   |                                  |                            |   |   |
|   |                                  |                            |   |   |
|   |                                  |                            |   |   |
|   |                                  |                            |   |   |
|   |                                  |                            |   |   |
|   |                                  |                            |   |   |
|   |                                  |                            |   |   |
| COMPUTED BY R.R. White A.C. Nauck, Jr.  | DATE Nov: 24; 1970 Nov: 19; 1968 | CHECKED BY E.P.M. C. Blood | DATE NOV. 24, 1970 NOV. 21, 1968                      |   |

COMPILATION REPORT

T-13126

31. DELINEATION

Delineation was by Wild B-8 methods using the color photography taken November 15, 1966. This was supplemented by infrared photography.

The photography was good. There was no field inspection prior to compilation.

32. CONTROL

See Supplemental Photogrammetric Plot Report dated Sept. 11, 1970.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable. There was no drainage to compile.

35. SHORELINE AND ALONGSHORE DETAILS

All detail was compiled from office interpretation of the photographs. Because of the small variation between high and low tide, no low water line was compiled.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

Appropriate copies of form 567 for one aid to navigation have been submitted to the Washington Office.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

There is no contemporary survey to the West or South. There are no land areas to effect a junction to the North with T-13125 or to the East with T-13127.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with U.S.G.S. Quadrangle PLAYA DE PONCE, PR, scale 1:20,000 dated 1962.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with CHART 926 PUNTA PEIRONA to ISLA CAJA de MUERTOS, scale 1:20,000 2nd Edition dated May 3, 1965.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

*Bernard K. White*  
Richard R. White  
Cartographic Technician  
Nov. 24, 1970

Approved:

*Alfred C. Holmes*  
Alfred C. Holmes  
RADM, NOAA  
Director, AMC

December 11, 1972

GEOGRAPHIC NAMES  
FINAL NAME SHEETS  
Ph-6708 (Puerto Rico)

TP-13126

Cerro Morrillo

Isla Caja de Muertos

Isla Morrillito

Mar Caribe

Approved:

*A. J. Wright*

A. Joseph Wright  
Chief Geographer

Prepared by:

*Charles E. Harrington*

Charles E. Harrington  
Cartographer



T-13126

49- NOTES FOR THE HYDROGRAPHER

Two recoverable topographic stations fall within the limits of this manuscript. They are:

JANET, 1970 and REA, 1970.

FORM C&GS-1002  
(9-66)U.S. DEPARTMENT OF COMMERCE  
ESSA  
COAST AND GEODETIC SURVEY

## PHOTOGRAMMETRIC OFFICE REVIEW

T. 13126

|   |  |                               |  |  |  |   |  |
|---|--|-------------------------------|--|--|--|---|--|
| 1. PROJECTION AND GRIDS<br>LFB  |  | 2. TITLE<br>LFB               |  | 3. MANUSCRIPT NUMBERS<br>LFB   |  | 4. MANUSCRIPT SIZE<br>LFB                     |  |
| CONTROL STATIONS  |  |                               |  |  |  |   |  |
| 5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY<br>LFB   |  |                               |  | 6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations)<br>LFB |  | 7. PHOTO HYDRO STATIONS<br>XX                 |  |
| 8. BENCH MARKS<br>LFB   |  | 9. PLOTTING OF SEXTANT FIXES  |  | 10. PHOTOGRAMMETRIC PLOT REPORT<br>LFB   |  | 11. DETAIL POINTS<br>LFB                      |  |
| ALONGSHORE AREAS (Nautical Chart Data)  |  |                               |  |  |  |   |  |
| 12. SHORELINE<br>LFB  |  | 13. LOW-WATER LINE<br>LFB     |  | 14. ROCKS, SHOALS, ETC.<br>LFB   |  | 15. BRIDGES<br>LFB                            |  |
| 16. AIDS TO NAVIGATION<br>LFB   |  | 17. LANDMARKS<br>LFB          |  | 18. OTHER ALONGSHORE PHYSICAL FEATURES<br>LFB  |  | 19. OTHER ALONGSHORE CULTURAL FEATURES<br>LFB |  |
| PHYSICAL FEATURES   |  |                               |  |  |  |   |  |
| 20. WATER FEATURES<br>LFB   |  |                               |  | 21. NATURAL GROUND COVER<br>XX   |  | 22. PLANETABLE CONTOURS<br>XX                 |  |
| 23. STEREOSCOPIC INSTRUMENT CONTOURS<br>XX  |  | 24. CONTOURS IN GENERAL<br>XX |  | 25. SPOT ELEVATIONS<br>XX  |  | 26. OTHER PHYSICAL FEATURES                   |  |
| CULTURAL FEATURES   |  |                               |  |  |  |   |  |
| 27. ROADS<br>LFB  |  | 28. BUILDINGS<br>LFB          |  | 29. RAILROADS<br>XX  |  | 30. OTHER CULTURAL FEATURES<br>XX             |  |
| BOUNDARIES  |  |                               |  |  |  |   |  |
| 31. BOUNDARY LINES<br>XX  |  |                               |  | 32. PUBLIC LAND LINES<br>XX  |  |   |  |
| MISCELLANEOUS   |  |                               |  |  |  |   |  |
| 33. GEOGRAPHIC NAMES<br>LFB   |  |                               |  | 34. JUNCTIONS<br>LFB   |  | 35. LEGIBILITY OF THE MANUSCRIPT<br>LFB       |  |
| 36. DISCREPANCY OVERLAY<br>LFB  |  | 37. DESCRIPTIVE REPORT<br>LFB |  | 38. FIELD INSPECTION PHOTOGRAPHS<br>RRW  |  | 39. FORMS<br>LFB                              |  |
| 40. REVIEWER<br>Leo F. Beugnet  |  |                               |  | SUPERVISOR, REVIEW SECTION OR UNIT<br>A.C. Rauck, Jr. <i>Albert C. Rauck, Jr.</i>                  |  |   |  |
| 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.L. Shands 7/24/72<br>Reviewed By: R.R. White 7/25/72   |  |                               |  | SUPERVISOR <i>Albert C. Rauck, Jr.</i><br>A.C. Rauck, Jr.  |  |   |  |
| 43. REMARKS<br>Field Edit Applied From: Field Edit Ozalid<br>Field Photos 66-L-(c)-8364 thru 8366   |  |                               |  |  |  |   |  |

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FIELD EDIT REPORT  
JOB PH 6708  
/ SOUTHWEST COAST PUERTO RICO  
T-13126

52. ADEQUACY OF COMPILATION

Compilation was adequate for this sheet. References have been made to photographs 66L(c) 8364 for addition of two rocks. Hypsometry is given on field edit ozalid.

Shoreline changes are delineated on photographs 69L(c)8365 and 8366. Delineation of a submerged ledge was shown on photo 8365.

54. RECOMMENDATIONS

None.

56. LANDMARKS AND AIDS TO NAVIGATION

One aid to navigation falls within the limits of this sheet and has been recorded on a Form 76-40 which accompanies the data with this report.

No landmarks fall within the limits of this sheet.

57. ROCKS AND REEFS

Five rocks compiled on this sheet are to be deleted as they present no hazard to navigation due to proximity of shoreline and depth of water. Two rocks are to be added to the sheet and are delineated on photograph 66L(c)8364.

Deletions and hypsometry are shown on the field edit ozalid.

The coral reefs on this sheet have been delineated on

Loat Sheet MI-10-2-72, <sup>H-9265(1972)</sup>

(cont)

58. ADDITIONAL INFORMATION

The names of two topographic stations, JANET, 1970 and REA, 1970, were compiled in the wrong places. Corrections have been made on the field edit ozalid.

Recovery notes accompany the data with this report for the above mentioned topo stations and intersection station BUERTOS ISLAND LIGHTHOUSE, 1899.

Distances to the M.H.W.L. were given from three third-order traverse stations and topographic station REA, 1970. The positions of the traverse stations shown on the field edit ozalid are approximate with the grid coordinates furnished.

Respectfully submitted,

*Bernard Pursel, Jr.*

E. Pursel, Jr.

Cartographic Technician



REVIEW REPORT

SHORELINE

T-13126

61. GENERAL STATEMENT

See summary which is page 6 of the Descriptive Report.

62. COMPARISON WITH REGISTERED SURVEYS

A comparison was made with registered survey No. 2416, dated 1899 at 1:20,000. There are a few changes in the shoreline, none are significant although they are noted on the ~~discrepancy~~ print in blue. *Comparison*

Registered survey No. 2416 is superseded by T-13126 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with USGS Quadrangle Playa de Ponce, PR, 1962 at 1:20,000 scale. Natural changes account for all differences noted on the ~~Discrepancy~~ print in brown. *Comparison*

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with a copy of the boat sheet for survey H-9625, 1:10,000 scale dated 1972. Shoreline was in good general agreement since the "Incomplete" Manuscript for T-13126 was the source. There were some differences in ledge, submerged ledge and submerged coral limits. These are noted on the ~~discrepancy~~ print in purple. *Comparison*

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 926 dated Feb. 5, 1972 at 1:20,000 scale. The differences are not too significant and are attributed to natural causes. These differences are noted on the ~~discrepancy~~ print in red. *Comparison*

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This survey meets with project instructions and the National Standards of Map Accuracy.

Reviewed by:



Bernard Kurs  
Cartographer

Approved for forwarding:



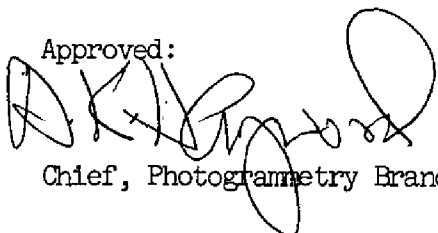
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Chief, Coastal Mapping Division, AMC

Approved:



Alfred C. Holmes, RADM, NOAA  
Director, Atlantic Marine Center

Approved:



Chief, Photogrammetry Branch,



Chief, Coastal Mapping Division



