

00424

00424

NOAA FORM 76-35

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

## DESCRIPTIVE REPORT

Type of Survey ....Coastal Boundary.....

Job No. .PH-7113..... Map No.TP-00424.....

Classification No. Final Edition No. ....1.....  
Field Edited Map

### LOCALITY

State .....Florida.....

General Locality ....Dade County.....

Locality .....Coral Gables.....

19 71 TO 19 74

### REGISTRY IN ARCHIVES

DATE .....

|                                                                                                                                                                                                                                                                                     |  |                                                                         |  |                                                                                                                                                                                            |  |                    |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--|
| NOAA FORM 76-36A<br>(3-72)                                                                                                                                                                                                                                                          |  | U. S. DEPARTMENT OF COMMERCE<br>NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. |  | TYPE OF SURVEY                                                                                                                                                                             |  | SURVEY TP. 00424   |  |
| DESCRIPTIVE REPORT - DATA RECORD                                                                                                                                                                                                                                                    |  |                                                                         |  | <input checked="" type="checkbox"/> ORIGINAL                                                                                                                                               |  | MAP EDITION NO. 1  |  |
|                                                                                                                                                                                                                                                                                     |  |                                                                         |  | <input type="checkbox"/> RESURVEY                                                                                                                                                          |  | MAP CLASS Final    |  |
|                                                                                                                                                                                                                                                                                     |  |                                                                         |  | <input type="checkbox"/> REVISED                                                                                                                                                           |  | JOB PH- 7113       |  |
| PHOTOGRAMMETRIC OFFICE                                                                                                                                                                                                                                                              |  |                                                                         |  | LAST PRECEDING MAP EDITION                                                                                                                                                                 |  |                    |  |
| Rockville, Maryland                                                                                                                                                                                                                                                                 |  |                                                                         |  | TYPE OF SURVEY                                                                                                                                                                             |  | JOB PH- _____      |  |
| OFFICER-IN-CHARGE                                                                                                                                                                                                                                                                   |  |                                                                         |  | <input type="checkbox"/> ORIGINAL                                                                                                                                                          |  | MAP CLASS _____    |  |
| Commander James Collins                                                                                                                                                                                                                                                             |  |                                                                         |  | <input type="checkbox"/> RESURVEY                                                                                                                                                          |  | SURVEY DATES:      |  |
|                                                                                                                                                                                                                                                                                     |  |                                                                         |  | <input type="checkbox"/> REVISED                                                                                                                                                           |  | 19 ____ TO 19 ____ |  |
| I. INSTRUCTIONS DATED                                                                                                                                                                                                                                                               |  |                                                                         |  |                                                                                                                                                                                            |  |                    |  |
| 1. OFFICE                                                                                                                                                                                                                                                                           |  |                                                                         |  | 2. FIELD                                                                                                                                                                                   |  |                    |  |
| General Instructions-OFFICE-NOS Cooperative Coastal Boundary Mapping, Job PH-7000, December 9, 1975<br>Supplement I, November 4, 1974<br>Supplement III, October 24, 1974<br>NOTE: Office and field edit instructions (1975) incorporate applicable prior operational instructions. |  |                                                                         |  | Aerial Photography 9/2/69<br>Supplement I, 1/28/70<br>Supplement II, 3/26/70<br>Supplement III, 8/10/72<br>Field Edit (PH-7000 General Instructions for Florida Coastal Zone Mapping) 1973 |  |                    |  |
| II. DATUMS                                                                                                                                                                                                                                                                          |  |                                                                         |  |                                                                                                                                                                                            |  |                    |  |
| 1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN                                                                                                                                                                                                              |  |                                                                         |  | OTHER (Specify)                                                                                                                                                                            |  |                    |  |
| 2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER<br><input checked="" type="checkbox"/> MEAN LOW-WATER<br><input type="checkbox"/> MEAN LOWER LOW-WATER<br><input type="checkbox"/> MEAN SEA LEVEL                                                                  |  |                                                                         |  | OTHER (Specify)                                                                                                                                                                            |  |                    |  |
| 3. MAP PROJECTION                                                                                                                                                                                                                                                                   |  |                                                                         |  | 4. GRID(S)                                                                                                                                                                                 |  |                    |  |
| Transverse Mercator                                                                                                                                                                                                                                                                 |  |                                                                         |  | STATE<br>Florida                                                                                                                                                                           |  | ZONE<br>East       |  |
| 5. SCALE<br>1:10,000                                                                                                                                                                                                                                                                |  |                                                                         |  | STATE                                                                                                                                                                                      |  | ZONE               |  |
| III. HISTORY OF OFFICE OPERATIONS                                                                                                                                                                                                                                                   |  |                                                                         |  |                                                                                                                                                                                            |  |                    |  |
| OPERATIONS                                                                                                                                                                                                                                                                          |  |                                                                         |  | NAME                                                                                                                                                                                       |  | DATE               |  |
| 1. AEROTRIANGULATION BY<br>METHOD: Analytic LANDMARKS AND AIDS BY                                                                                                                                                                                                                   |  |                                                                         |  | V. McNeel-I. O. Raborn, Jr.                                                                                                                                                                |  | 8/74-6/76          |  |
| 2. CONTROL AND BRIDGE POINTS PLOTTED BY<br>METHOD: CHECKED BY                                                                                                                                                                                                                       |  |                                                                         |  | D. Phillips                                                                                                                                                                                |  | 8/74               |  |
| 3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY<br>COMPILATION CHECKED BY                                                                                                                                                                                                                  |  |                                                                         |  | Inapplicable                                                                                                                                                                               |  |                    |  |
| INSTRUMENT: Orthophotomosaic XEROX COPY BY                                                                                                                                                                                                                                          |  |                                                                         |  | J. Taylor                                                                                                                                                                                  |  | 11/76              |  |
| SCALE: CHECKED BY                                                                                                                                                                                                                                                                   |  |                                                                         |  | J. Battley, Jr.                                                                                                                                                                            |  | 12/76              |  |
| 4. MANUSCRIPT DELINEATION PLANIMETRY BY<br>Shoreline CHECKED BY                                                                                                                                                                                                                     |  |                                                                         |  | P. Gibson-P. Dempsey                                                                                                                                                                       |  | 8/74-2/77          |  |
| METHOD: Graphic XEROX COPY BY                                                                                                                                                                                                                                                       |  |                                                                         |  | C. Lewis                                                                                                                                                                                   |  | 2/77               |  |
| Interior-Orthophotomosaic CHECKED BY                                                                                                                                                                                                                                                |  |                                                                         |  | J. Taylor                                                                                                                                                                                  |  | 11/76              |  |
| SCALE: HYDRO SUPPORT DATA BY                                                                                                                                                                                                                                                        |  |                                                                         |  | J. Battley, Jr.                                                                                                                                                                            |  | 11/76              |  |
| CHECKED BY                                                                                                                                                                                                                                                                          |  |                                                                         |  | Inapplicable                                                                                                                                                                               |  |                    |  |
| 5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY                                                                                                                                                                                                                                         |  |                                                                         |  | C. Lewis                                                                                                                                                                                   |  | 6/74               |  |
| 6. APPLICATION OF FIELD EDIT DATA BY                                                                                                                                                                                                                                                |  |                                                                         |  | P. Dempsey                                                                                                                                                                                 |  | 3/75               |  |
| CHECKED BY                                                                                                                                                                                                                                                                          |  |                                                                         |  | J. Battley, Jr.                                                                                                                                                                            |  | 3/75               |  |
| 7. COMPILATION SECTION REVIEW BY                                                                                                                                                                                                                                                    |  |                                                                         |  | C. Lewis                                                                                                                                                                                   |  | 4/77               |  |
| 8. FINAL REVIEW BY                                                                                                                                                                                                                                                                  |  |                                                                         |  | D. Brant                                                                                                                                                                                   |  | 5/77               |  |
| 9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY                                                                                                                                                                                                                                      |  |                                                                         |  |                                                                                                                                                                                            |  |                    |  |
| 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY                                                                                                                                                                                                                                      |  |                                                                         |  | D. Brant                                                                                                                                                                                   |  |                    |  |
| 11. MAP REGISTERED - COASTAL SURVEY SECTION BY                                                                                                                                                                                                                                      |  |                                                                         |  | N. I. m/ qe ka                                                                                                                                                                             |  | 7-79               |  |

NOAA FORM 76-36B  
(3-72)

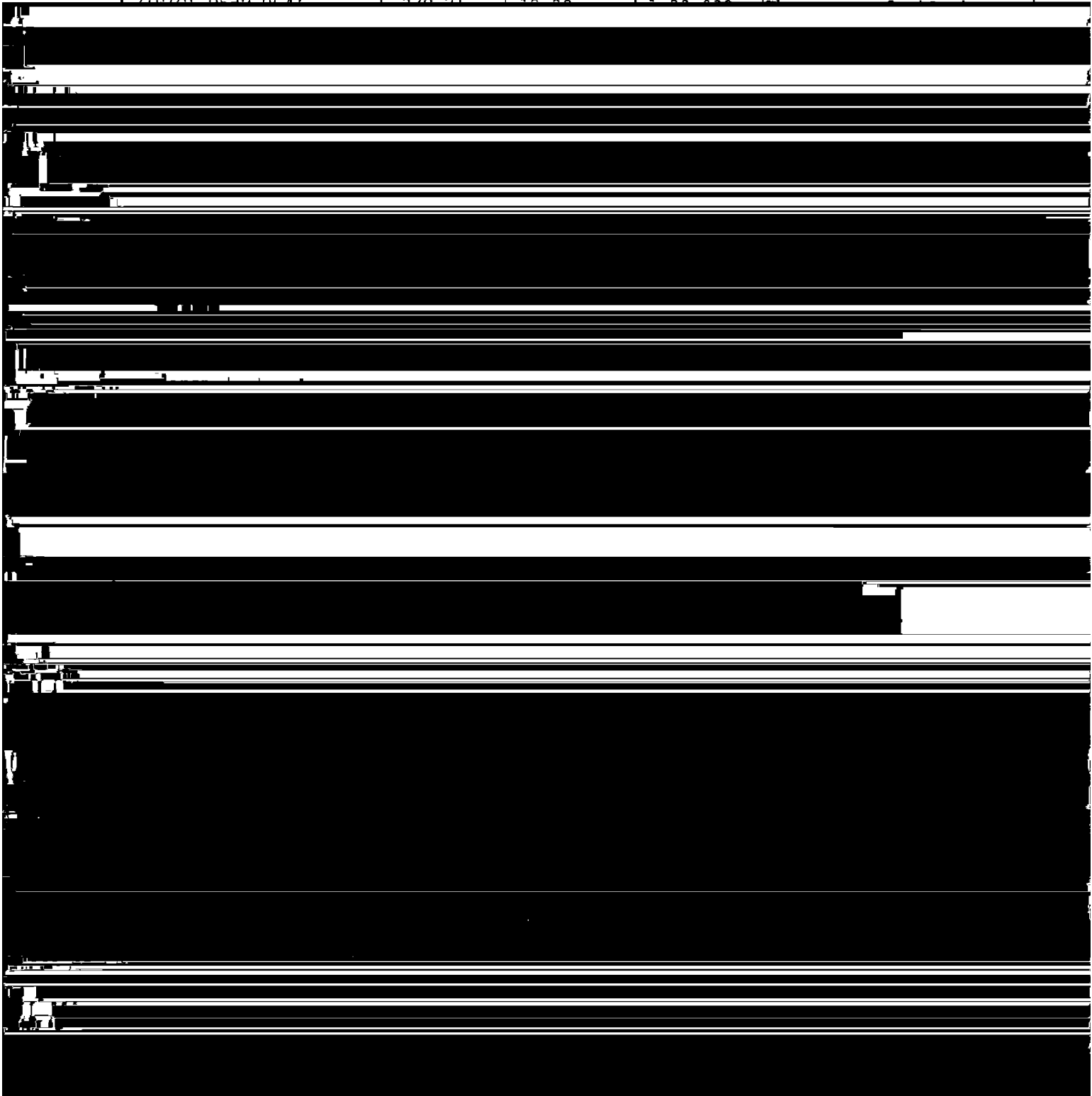
U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

TP-00424

# COMPILATION SOURCES

## I. COMPILATION PHOTOGRAPHY

|                                                                                                                                                                                           |        |                                                                                                       |          |                         |                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------|----------|-------------------------|----------------------------------------------|
| CAMERA(S) Wild RC-8 "B"<br>"E" "K", & "L" 6" focal length                                                                                                                                 |        | TYPES OF PHOTOGRAPHY<br>LEGEND<br>(C) <u>COLOR</u><br>(P) PANCHROMATIC<br>(I) <u>INFRARED B&amp;W</u> |          | TIME REFERENCE          |                                              |
| TIDE STAGE REFERENCE<br><input type="checkbox"/> PREDICTED TIDES<br><input type="checkbox"/> REFERENCE STATION RECORDS<br><input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY |        |                                                                                                       |          | ZONE<br>Eastern         | <input checked="" type="checkbox"/> STANDARD |
|                                                                                                                                                                                           |        |                                                                                                       |          | MERIDIAN<br>75th & 65th | <input checked="" type="checkbox"/> DAYLIGHT |
| NUMBER AND TYPE                                                                                                                                                                           | DATE   | TIME                                                                                                  | SCALE    | STAGE OF TIDE           |                                              |
| 715 (C) 0520 0541                                                                                                                                                                         | 2/6/77 | 10 00                                                                                                 | 1:22,000 | S1                      |                                              |



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

## HISTORY OF FIELD OPERATIONS.

I. ☒ FIELD INSPECTION OPERATION \* Mar. 1971  
Dec. 1975 ☒ FIELD EDIT OPERATION, Sept. 1974

| OPERATION                           | NAME                                                                                                                                                                  | DATE                                              |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 1. CHIEF OF FIELD PARTY             | R.R. Wagner                                                                                                                                                           |                                                   |
| 2. HORIZONTAL CONTROL               | RECOVERED BY R.R. Wagner                                                                                                                                              | 9/74                                              |
|                                     | ESTABLISHED BY Inapplicable                                                                                                                                           |                                                   |
|                                     | PRE-MARKED OR IDENTIFIED BY Inapplicable                                                                                                                              |                                                   |
| 3. VERTICAL CONTROL                 | RECOVERED BY R.R. Wagner                                                                                                                                              | 9/74                                              |
|                                     | ESTABLISHED BY Inapplicable                                                                                                                                           |                                                   |
|                                     | <del>PRE-MARKED OR IDENTIFIED BY</del> R.R. Wagner                                                                                                                    | 9/74                                              |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY R.R. Wagner                                                                                                                     | 9/74                                              |
|                                     | LOCATED (Field Methods) BY R.R. Wagner                                                                                                                                | 9/74                                              |
|                                     | IDENTIFIED BY R.R. Wagner                                                                                                                                             | 9/74                                              |
| 5. GEOGRAPHIC NAMES INVESTIGATION   | TYPE OF INVESTIGATION<br><input type="checkbox"/> COMPLETE<br><input checked="" type="checkbox"/> SPECIFIC NAMES ONLY BY<br><input type="checkbox"/> NO INVESTIGATION |                                                   |
| 6. PHOTO INSPECTION                 | CLARIFICATION OF DETAILS BY R.R. Wagner                                                                                                                               | 9/74                                              |
| 7. BOUNDARIES AND LIMITS            | SURVEYED OR IDENTIFIED BY Inapplicable                                                                                                                                |                                                   |
| II. SOURCE DATA                     |                                                                                                                                                                       |                                                   |
| 1. HORIZONTAL CONTROL IDENTIFIED    |                                                                                                                                                                       | 2. VERTICAL CONTROL IDENTIFIED                    |
| PHOTO NUMBER                        | STATION NAME                                                                                                                                                          | PHOTO NUMBER                                      |
|                                     |                                                                                                                                                                       | STATION DESIGNATION                               |
|                                     |                                                                                                                                                                       | 71-0520-1 71-0520-2 71-0520-3 71-0520-4 71-0520-5 |

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

TP-00424

## RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

| COMPILATION STAGES |         |                                          | DATE MANUSCRIPT FORWARDED |               |
|--------------------|---------|------------------------------------------|---------------------------|---------------|
| DATA COMPILED      | DATE    | REMARKS                                  | MARINE CHARTS             | HYDRO SUPPORT |
| CLASS I            | 1/27/77 | Special request from Requirements Branch | 1/27/77                   |               |
|                    |         |                                          |                           |               |
|                    |         |                                          |                           |               |
|                    |         |                                          |                           |               |

## II. LANDMARKS AND AIDS TO NAVIGATION

## 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

| NUMBER | CHART LETTER<br>NUMBER ASSIGNED | DATE<br>FORWARDED | REMARKS                                                                                              |
|--------|---------------------------------|-------------------|------------------------------------------------------------------------------------------------------|
|        |                                 | 3/9/77            | 13 Digitized pages of Form 76-40 have been Forwarded to the Marine Chart Division as a final report. |
|        |                                 |                   |                                                                                                      |
|        |                                 |                   |                                                                                                      |
|        |                                 |                   |                                                                                                      |
|        |                                 |                   |                                                                                                      |

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 3/9/773. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

## III. FEDERAL RECORDS CENTER DATA

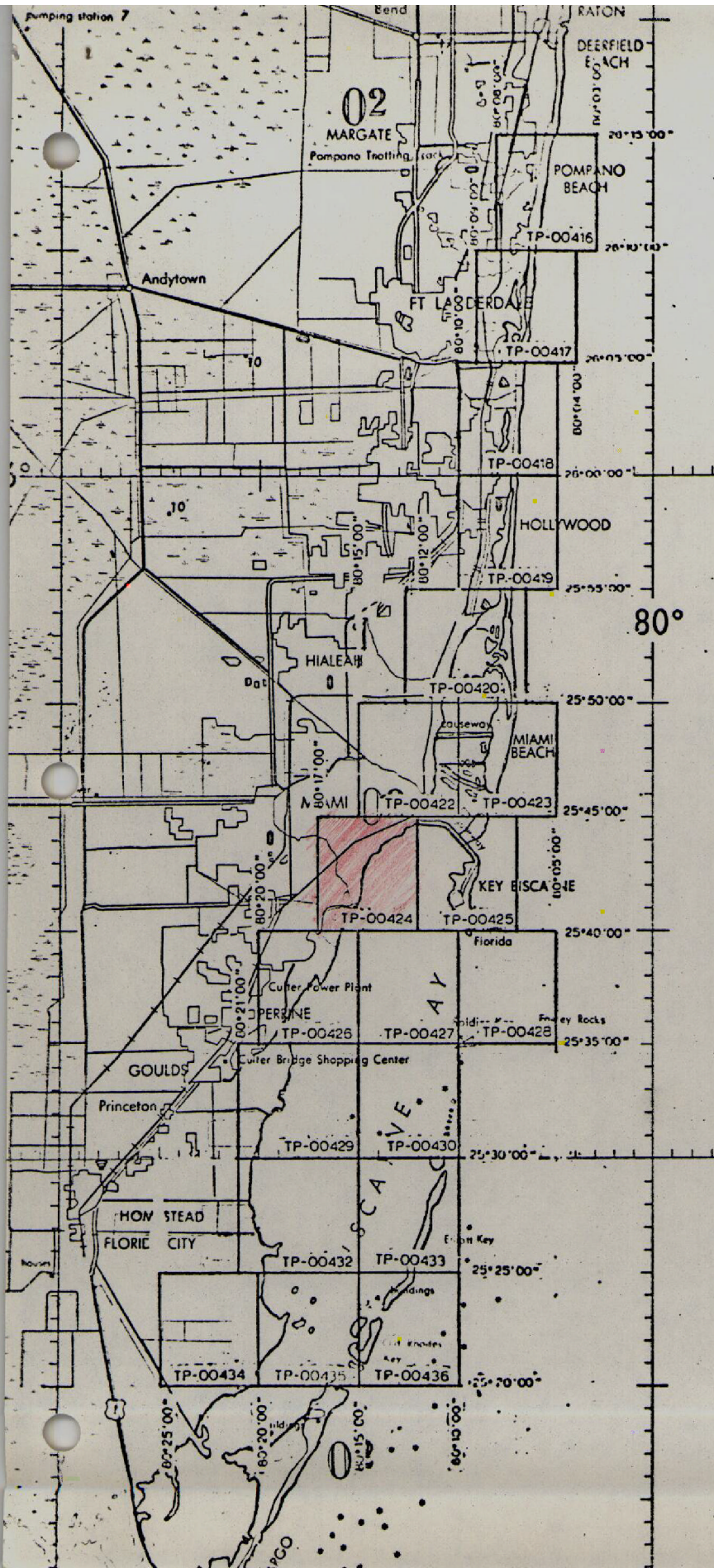
1. ☐ BRIDGING PHOTOGRAPHS; ☐ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.  
 2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.  
 3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.  
 ACCOUNT FOR EXCEPTIONS:

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<br>TP - _____ (2) | JOB NUMBER<br>PH - _____ | TYPE OF SURVEY<br><input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY<br><br>MAP CLASS<br><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<br>TP - _____ (3) | JOB NUMBER<br>PH - _____ | TYPE OF SURVEY<br><input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY<br><br>MAP CLASS<br><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<br>TP - _____ (4) | JOB NUMBER<br>PH - _____ | TYPE OF SURVEY<br><input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY<br><br>MAP CLASS<br><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       |                                                                                                                                                                                                                                                             |





JOB PH-7113  
HILLSBORO INLET to CARD SOUND  
FLORIDA  
SHORELINE MAPPING  
SCALE 1:10,000

#### MILEAGE FOR COST ACCOUNTS

| Sheet No. | Sq. Miles |
|-----------|-----------|
| TP-00416  | 3         |
| TP-00417  | 3         |
| TP-00418  | 3         |
| TP-00419  | 8         |
| TP-00420  | 10        |
| TP-00422  | 4         |
| TP-00423  | 6         |
| TP-00424  | 4         |
| TP-00425  | 6         |
| TP-00426  | 4         |
| TP-00427  | 1         |
| TP-00428  | 1         |
| TP-00429  | 4         |
| TP-00430  | 1         |
| TP-00432  | 4         |
| TP-00433  | 3         |
| TP-00434  | 1         |
| TP-00435  | 5         |
| TP-00436  | 5         |

Total 76

REVISED 5-1-75  
Revised 7-11-74



SUMMARY  
for  
TP-00424

Coastal Zone Map TP-00424 is one of nineteen (19) 1:10,000 scale maps in job PH-7113. Maps TP-00416 through TP-00420 and TP-00422 through TP-00426 are published maps in three colors. The interior of these maps is shown with an orthophotomosaic. Maps TP-00427 through TP-00430 and TP-00432 through TP-00436 are mapped as shoreline type maps and will not be published. The interior of these shoreline type maps is limited to a narrow zone of planimetry usually back from the shoreline to and including the first road.

The original compilation of map TP-00424 was interrupted because of a new adjustment of horizontal control, poor quality of photography, and new construction in the area. A detailed account of these delays is outlined in the Compilation Report and Addendum to the Compilation Report.

A layout of the maps (revised since the aerotriangulation operation) will show the location of the individual maps. A copy of this layout is included in this Descriptive Report.

The maps are intended for planning purposes for the State of Florida and for the construction and maintenance of NOS nautical charts.

The area is covered with aerial photography taken in 1971, 1973, and 1975 on panchromatic, color, and black-and-white infrared film. The infrared film was tide coordinated.

The field operations consisted of the following:

1. Premarking of horizontal control for aerotriangulation
2. Establishment of tidal datums
3. Field edit

Horizontal control was extended by analytical aerotriangulation methods using the STK stereo comparator.

The shoreline and alongshore details were compiled on both types of maps from tide-coordinated, black-and-white infrared photography using a B-8 stereoplotter and/or graphic methods. The 1975 panchromatic photography was used to update culture shoreline.

All line work is scribed, approved symbols are shown in the marginal data of the map.

A registration copy of each type map is prepared. It shows additional offshore details such as shoal and shallow lines, useful to the Marine Chart Division, but not required on the Coastal Zone Maps. This copy of the map is labeled "Registration Copy" in the title block and will be registered in the NOS Archives.

The following items for map TP-00424 will be registered in the NOS Archives:

1. A plastic copy of the published map
2. A stable base positive copy of the Registration Copy
3. A continuous tone negative of the orthophotomosaic
4. The Descriptive Report

All negatives are filed in the Reproduction Division.

All field records such as field edit sheets, discrepancy prints, field edit data, and control forms are filed in the National Archives.





FIELD REPORT PH 7113

I. HORIZONTAL CONTROL.

Seven control points were premarked for this project.

Control Pt. 1

DANIA 2 1934 was marked direct with array No. 1 and 3 wing panels.

DANIA RM 3 was marked direct with array No. 1 and no wing panels.

Control Pt. 2

CLUB 1934 was marked direct with array No. 1. No wing panels could be placed on the roof.

CLUB RM 1 is the center of a chimney. Form 152 was submitted for RM 1 in case the wind removed the panel for CLUB 1934.

✓ Control Pt. 3

BASE (USE) 1934 marked direct with array No. 2 and two wing panels.

DENO 1967 marked direct with array No. 1 and one wing panel.

Control Pt. 4

CAPE FLORIDA OLD TOWER, FINIAL 1853 was identified by a Sub Pt. using array No. 1 and two wing panels.

Control Pt. 5

LIBRARY 1934 was marked direct with array No. 1 with one wing panel. The wingpanel is on a lower roof than the station.

Control Pt. 6

PAN AMERICAN 1935 was identified by Sub Points. Point A is marked by array No. 1 and no wing panel. Point B is the center of a shaft on the penthouse roof.

Control Pt. 7

NACO 1934 was identified by two sub points. Sub point A is marked by array No. 1 with one wing panel. Sub Point B is marked by array No. 2 and two wing panels.

II. Foreshore Profiles

Not required.

Submitted by

  
Robert R. Wagner  
Chief, Photo Party 66  
12/01/75



## REPORT JOB PH 7113, SUPPLEMENT 2

The field work was done from March 22 to March 26, 1976. The location of fixed aids were from approx. 25° 44' to 25° 57' with 143 aids in this area. One hundred and thirty two were photo identified, ten were located by fixes and one aid Biscayne Bay Daybn 46 did not appear on the photographs and was not in place at the time of field inspection. Biscayne Bay Daybn 44 was not in place at the time of field work, but was at the date of photographs. The aids located by fixes could not be seen on the photographs are were believed to have been moved. In addition some signs, markers and piles that are not in the light list were also identified. Apeco Marina Channel Daybn 7 does not have a name on the pile, but has a range daymark as shown in the light list. Biscayne Bay Daybn 8 was laying on its side and also marked with a bouy. The daybn can be place in its former position. Forms 76-40 are submitted for the aids and the date of location is the date of the photographs for all aids identified. This was done because with the aids being in the water it is next to impossible to tell if they have been moved. With the exception of Miamarian North and South Lights (pier), the aids were not pricked. The prick holes would destroy the images. Just the number of the daybn appears along side of the images of the daybn and Lt. with the number appears along side of the Lights.

One building on 75B8183 is recommended for charting due to its heigh.

Cdr. Reinke, NOAA Ship Base requested three points for location in the bridge. They are on photo 75B8188 and forms 152 is submitted for Sb 1, SB 2 and SB 3.

It was noted that wood piles with white bird dropping showed up better on the photos when the camera was in line with the sun. This gave a good reflected image on the photograph.

Submitted By

*Robert R. Wagner*

Robert R. Wagner  
Chief, Photo Party 66  
3/30/76

original

1 3

FIELD REPORT

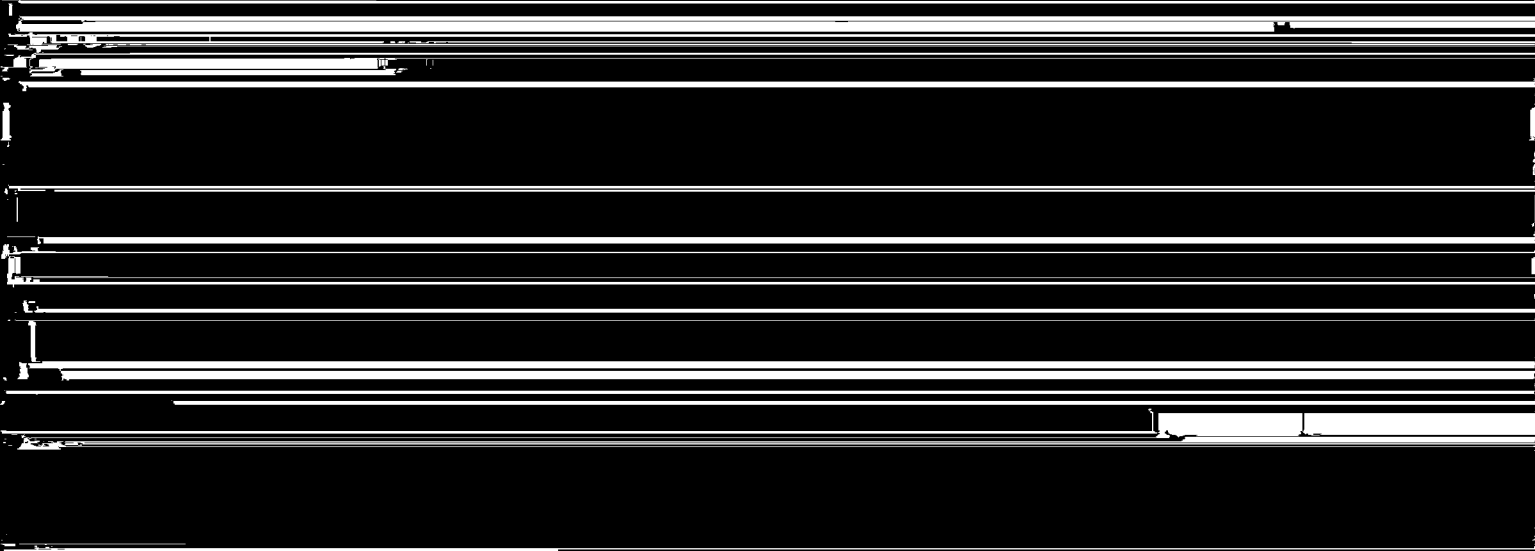
JOBS PH-7010 and PH-7113

In accordance with Instructions - FIELD - PH-7010, Aerotriangulation Control, and Instructions - FIELD - Job PH-7113; Horizontal Control for Aerotriangulation and Field Support for Aerial Photography; Coastal Boundary Mapping, Florida, the following report is submitted.

1. HORIZONTAL CONTROL

The two jobs are treated as one for report purposes, targets on Job PH-7010 being replaced in approximately the same positions as they were in November 1970.

Twenty-one stations were premarked for 1:30,000 scale color photography. Where feasible, Array No. 1 was used, being a 9-foot triangle with 3 runners or wing panels of 2 x 20 ft. dimensions. Several variations were used as the area is highly developed, particularly in the southern part, and space was not always a-



to explain the variations but some discussion is in order.

From north to south the first 8 stations are Array No. 1 with varying degrees of angle between the wing panels.

POMPANO 1928 was marked by a triangle painted on the macadam (station is in a parking area) over the station

3.

stations were manned.

- (1) Lake Worth, Atlantic Ocean
- (2) Andrews Avenue Bridge, Fort Lauderdale
- (3) Bahia Mar Yacht Club, Fort Lauderdale
- (4) Port Everglades
- (5) Biscayne Creek, North Miami
- (6) Biscayne Bay, Miami
- (7) Biscayne Bay, Cutler
- (8) Biscayne Bay, Turkey Point
- (9) Card Sound

Photography obtained was based on the first seven gages. Lines 30-5 and 30-6 would have been based on TURKEY POINT and CARD SOUND. These lines were not photographed. Also, high-water only was obtained for line 30-4, based on CUTLER.

Recordings entered in the tide volumes, Form 277, were at 5 minute intervals near and during photography; otherwise 15 minute interval. Wet staff readings--crest, trough and mean--were recorded while photography was in progress. Tolerances of  $\pm 0.3$  ft. for mean high-water and  $\pm 0.1$  ft. for mean low-water were observed. Eastern Standard Time was used.

Photography was obtained on 2 days: Low-water February 24 and high-water March 2. Lines 30-1, 30-2 and 30-3 were flown at low-water. Lines 30-1, 30-2, 30-3, and 30-4 were flown at high.

Low-water photography Feb. 24. (Time furnished by Photographer.)

(1) Segment of Line 30-1 approximately 4 miles north and 4 miles south of Port Everglades inlet (or entrance) 1201 to 1210 hrs. based on PORT EVERGLADES staff reading of 1.7 ft.

(2) Line 30-1, based on LAKE NORTH PIER, photographed in its entirety from 1228 to 1241 hrs. when the tide reading was 1.4/1.3 ft.

(3) An 8 mile segment of line 30-1, based on BAHIA MAR YACHT CLUB, was photographed at 1444 to 1449 hrs. when the tide staff read 1.7 ft.

4.

(4) An 8 mile segment of line 30-1, based on ANDREWS AVENUE BRIDGE was photographed at 1511 to 1515 hrs., when the staff read 1.8 ft.

(5) Line 30-2, based on BISCAYNE BAY, MIAMI, and flown south to north, was photographed at 1259 to 1305 hrs., when the staff read 2.2 feet.

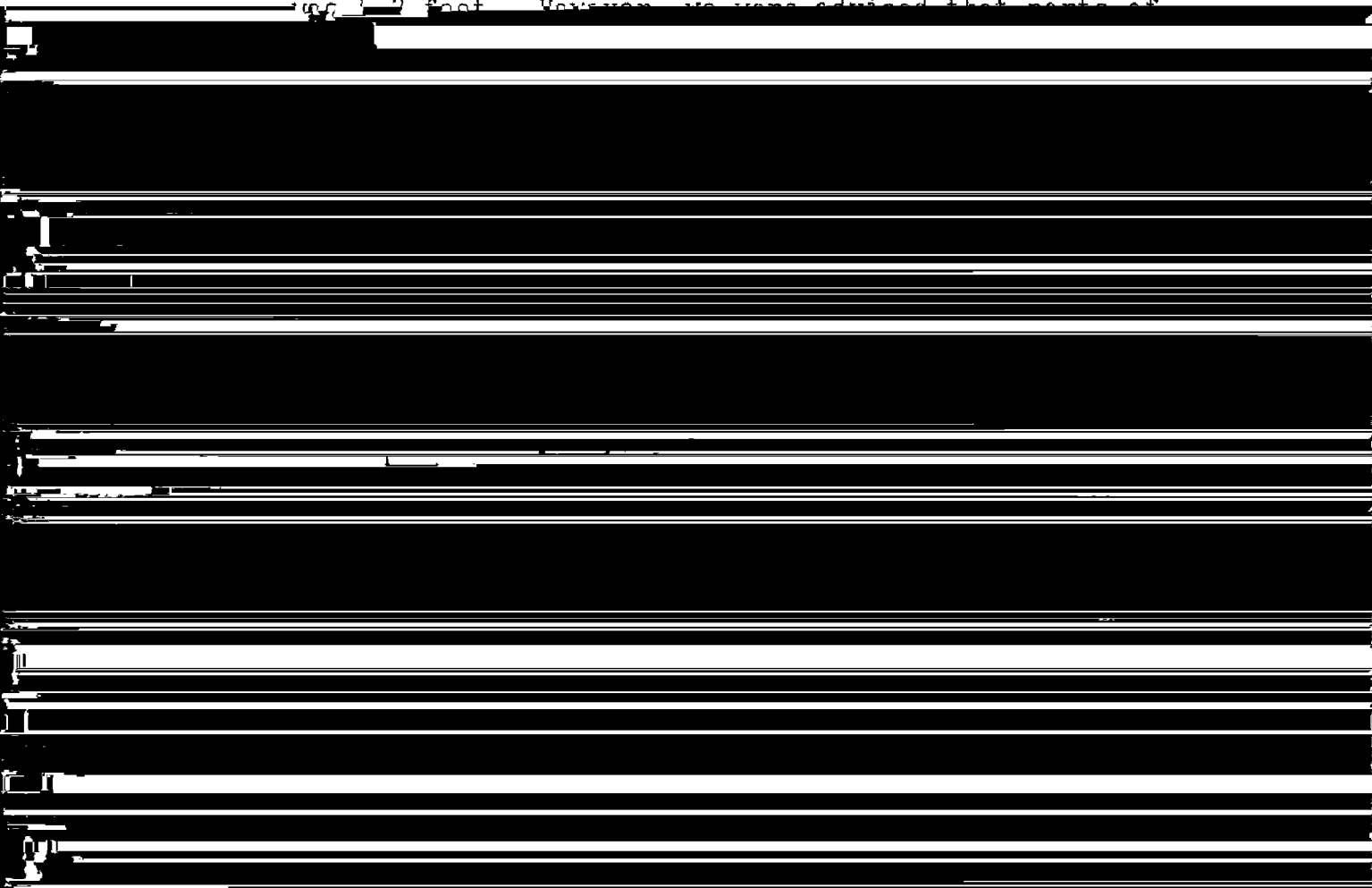
(6) Line 30-3, based on BISCAYNE BAY, MIAMI and BISCAYNE CREEK, NORTH MIAMI, flown south to north, was photographed at 1319 to 1324 hrs, when the BISCAYNE Bay, Miami staff read 2.1 and the BISCAYNE CREEK staff read 3.1, both ends of the line being within tolerance.

(7) Line 30-2 was then photographed again, based on BISCAYNE CREEK, NORTH MIAMI, and flown from north to south at 1330 to 1336 hrs when the staff reading was 3.1.

This ended the low-water photography.

High-water photography, March 2.

(1) Line 30-1, based on LAKE WORTH PIER, was photographed at 1039 to 1055 hrs., when the gage reading was 1.2 feet. However, we were advised that parts of



5.

### 3. FORESHORE PROFILES

Ten planetable beach profiles were run within the limits of Job PH-7113. They cover a linear distance of approximately 40 miles. The northerly one is at triangulation station POMPAHO and the southernmost one is near the Cape Florida lighthouse on Key Biscayne. Mr. Phil Walbolt ran 7 of the 10 during the period of photography, basing tide stage on a nearby tide gage. The other 3 were similarly accomplished two or three days after photography, with information as to tide level being obtained from the Weather Service's remote recorder in Miami Beach via telephone, in 2 instances.

The procedure was to drive a stake to water level near shore and obtain the tide gage reading at that time by radio from a nearby gage. This elevation thus became the bench mark to determine the horizontal position of mean high- and mean low-water lines from a planetable setup. Points occupied were triangulation stations or recoverable photo-topo points. The planetable was oriented to magnetic north with an azimuth to an identifiable point. One variation from this is at profile No. 7 where no distant azimuth was visible and the profile was laid out to parallel a beach groin that should be clearly visible on the low-water photographs.

No profiles were run in Job PH-7010 since the infrared photography was obtained several months ago.

In addition to sketches at some of the occupied points, USGS quad maps show the approximate locations of the profiles along with premark target locations.

Submitted 3/25/71

*William H. Shearouse*  
William H. Shearouse  
Chief, Photo Party 60



Photogrammetric Plot Report  
Hillsboro Inlet to Card Sound, Florida  
Job PH-7113  
and  
Card Sound to Plantation Key, Florida  
Job PH-7119

21. Area Covered

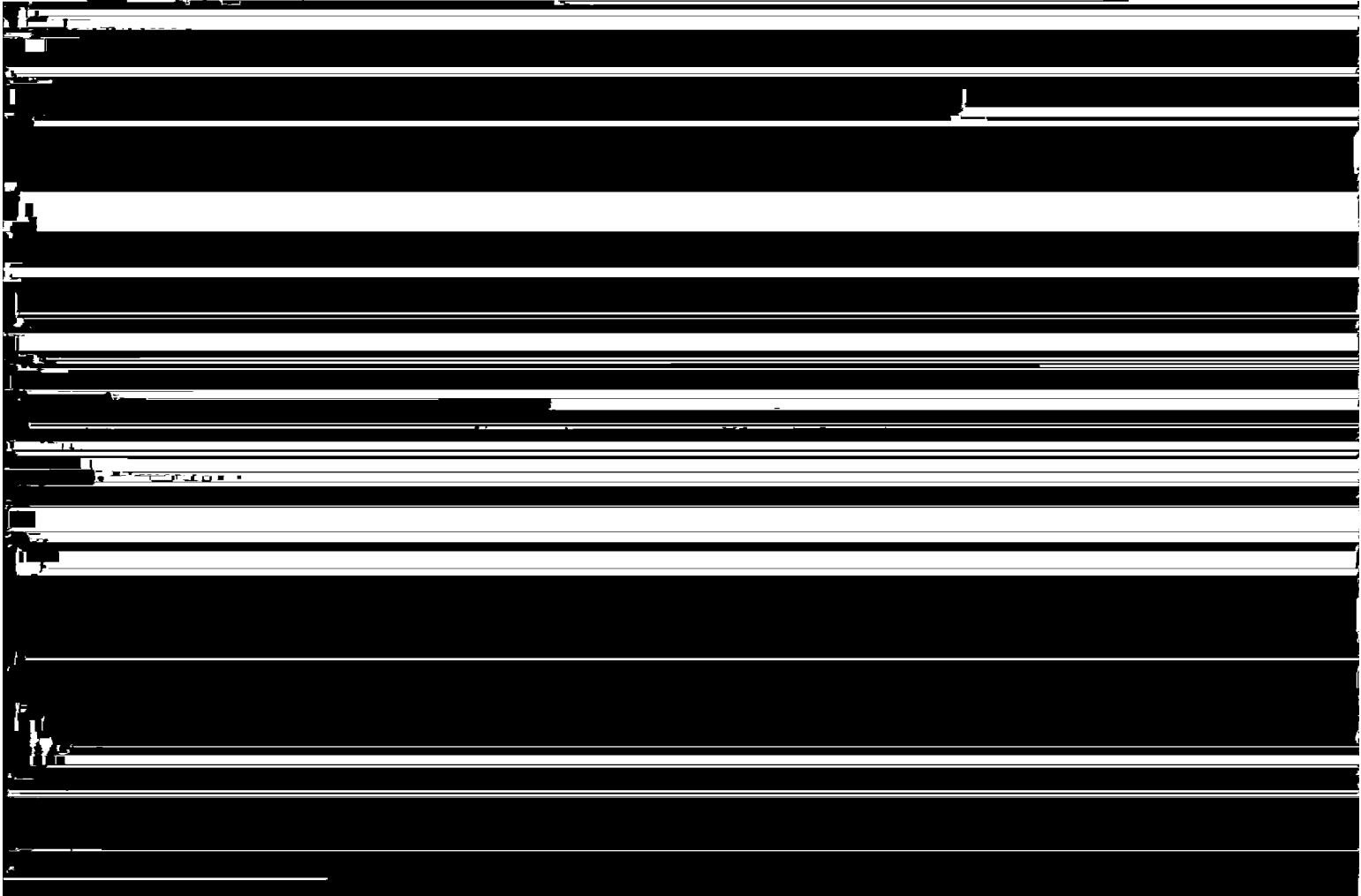
This report covers an area on the east coast of Florida immediately south of Hillsboro Inlet to the southwestern end of Plantation Key. Job PH-7113 and Job PH-7119 are combined in this one report because the southern portion of Job PH-7113 is included in the block adjustment of Job PH-7119.

Job PH-7113 consists of twenty (20) 1:10,000 scale sheets: TP-00416 through TP-00420, and TP-00422 through TP-00436.

Job PH-7119 consists of twelve (12) 1:10,000 scale sheets: TP-00444 through TP-00455.

Subsequent to the initial bridging in this area, three small areas were re-bridged using new photography. The reports are attached:

(1) Port Everglades, Florida



Ratio points were located on twenty-eight (28) strips of infrared contact prints. Additional ratio points were located on contact prints which have a large portion of water coverage so that they could be individually enlarged to scale. A sketch showing the location of the infrared photographs is attached.

### 23. Adequacy of Control

The control was adequate. Horizontal control was pre-marked on strip No. 1, No. 2, No. 3, No. 4, No. 5, and No. 6. Because of the placement of flight lines in relation to control, it was necessary to extend Strip No. 5 one model past its terminal control station in order to have an area of common coverage with strip No. 6. Tie points were located in this area and tie point 544801 was used as a terminal control point for strip No. 6.

Most of the horizontal control for Strip No. 7, No. 8, No. 9, No. 10, and No. 11 was pre-marked for color photography which was flown on August 4, 1971, and August 11, 1971. This photography was not used for bridging. The positions of the pre-marked control stations were transferred, using PUG methods, to color infrared photography which was flown on March 5, 1973, and March 18, 1973.

The following control station positions were transferred from photographs 71L(C)8370 through 71L(C)8382:

- Irving 1971
- Mangrove (USE) 1930 Sub Point A
- Sands Cut RM2, 1849-1947 Sub station

The following control station positions were transferred from a roll of color photography which was not indexed (Spot No.100-691A) LC-20:

- Rubi, 1930-1948 Reset
- Man, 1930
- Angelfish Key RM3, 1853
- Narrow Point, 1854
- Long Sound 1961
- Snipe Pt., 1934, substation
- Knowlson, 1935, substation
- Hull Key, 1852
- Rock Harbor 2, 1961
- Lower Sound Point, 1853 substation
- Sub Station, Key Largo Cable Visions Inc., Taller Mast, 1961
- Largo, 1962
- Low 2, RM2, 1934
- Planter 2, RM4

The following control station positions were transferred from photographs 72L(C)8691R thru 72L(C)8698R:

Tavernier 1935  
Snake 1934 Sub. Sta.

Turkey Pt. 2, RM2 was transferred from photograph 71E(C)9595.

Cape Florida Old Tower Finial Sub Station A was transferred from photograph 71E(C)9201.

Lower Sound Point 1853 sbu. station was not used in the adjustment because the field party advised that it was questionable and should be used with caution. Sub. station Key Largo Visions, Inc., Taller Mast, 1961, could not be used because one of its azimuth stations (Key Largo Cable Visions, Inc. Shorter Mast) appears to have a bad published position. To date, this has not been resolved by the Geodesy Division. Turkey Point 2, RM2 was a very poor point to transfer, and, therefore, it was not used as control in the block adjustment in that area.

Part-way through the compilation phase of this project, it was determined that the published control positions in the area of this report were in error approximately - 4 feet in X and -10 ft. in Y. Therefore, Strip No. 1, No. 2, No. 3, No. 4, No. 5, No. 6, and No. 8 are adjusted to the old published control positions. This area includes T-sheets TP-00416 through TP-00420 and TP-00422 through TP-00432.

Strip No. 7, No. 9, No. 10, and No. 11 are adjusted to new preliminary control positions which were furnished by Geodesy on May 29, 1974. Geodesy Division stated this preliminary control will be within one (1) foot of the final adjustment. They also said to base non-main scheme stations on the nearest main scheme stations. This was approved by the Coastal Mapping Division.

Since stations established in 1971 and later have positions which were determined by a different adjustment than stations which were established before 1971, it was necessary that the corrections for non-main scheme stations of 1971 and later be based on the new preliminary control of the nearest main scheme stations of 1971 and later. In like manner, pre-1971 non-main scheme stations are based on the amount of change of the nearest pre-1971 main scheme station.

The compiler was advised to make a graphic adjustment on TP-00430 so it will junction well with TP-00433. Also, TP-00432 should be graphically adjusted so it will junction well with TP-00433, TP-00434, and TP-00435.

A listing of closures to control is included on an attached sheet of control stations. The station with the largest residual is Narrow Point 1854, with 1.808 feet in X and 1.267 feet in Y.

24. Supplemental Data

USGS Topographic Quadrangles and NOS Nautical Charts were used to obtain vertical control for bridging.

25. Photography

The following RC-8 color photography was used for bridging:

1:20,000 scale

Strip No. 4 71E(C)9201-9215  
Strip No. 8 73L(C)2871-2884R  
Strip No. 9 73L(C)2893-2924R

1:30,000 scale

Strip No. 1 71E(C)9120-9135  
Strip No. 2 71E(C)9562-9574  
Strip No. 3 71E(C)9576-9586  
Strip No. 5 71E(C)9536-9545  
Strip No. 6 71E(C)9588-9602

1:40,000 scale

Strip No. 7 73L(C)2935-2945R  
Strip No. 10 73L(C)2952-2968R  
Strip No. 11 73L(C)2785-2797R

The quality and definition of the photography was adequate.

Respectfully submitted,

*Victor McNeel*  
Victor McNeel

Approved and forwarded:

*John D. Perrow, Jr.*  
John D. Perrow, Jr.  
Chief, Aerotriangulation Section

CONTROL STATIONS

|     |          |                                                                      | <u>residuals</u> |        |
|-----|----------|----------------------------------------------------------------------|------------------|--------|
| 1.  | (027100) | Turtle 1929                                                          | -0.706           | -0.115 |
| 2.  | (023102) | Pompano, 1928, subpoint B                                            | 1.488            | -0.229 |
| 3.  | (029100) | South Jetty, 1938                                                    | -1.134           | 0.176  |
| 4.  | (034101) | Halland, 1928                                                        | 0.317            | -0.007 |
| 5.  | (567101) | Causeway, 1934                                                       | 0.027            | -0.012 |
| 6.  | (562101) | Point View, 1934                                                     | 0.000            | -0.181 |
| 7.  | (207100) | Base, 1934                                                           | 0.112            | 0.142  |
| 8.  | (204100) | Key Biscayne North Base,<br>1849                                     | -0.158           | 0.033  |
| 9.  | (201101) | Cape Florida Old Tower<br>Finial, subpoint A                         | -0.156           | 0.002  |
| 10. | (538102) | Pan American, 1935,<br>Target 2                                      | 0.000            | 0.000  |
| 11. | (534101) | Naco 1934, subpoint A                                                | 0.000            | 0.000  |
| 12. | (544801) | Tie point from strip #5<br>used as control for strip #6              | -0.157           | 0.025  |
| 13. | (591100) | Black Point 3                                                        | 0.351            | -0.066 |
| 14. | (595101) | Turkey Point No. 2, 1930,<br>RM No. 2                                | -0.229           | 0.073  |
| 15. | (940100) |                                                                      |                  |        |
|     | (602100) | Narrow Point 1854                                                    | -1.808           | 1.267  |
| 16. | (944100) | Man 1930.                                                            | 0.222            | -0.009 |
| 17. | (960100) | Long Sound, 1961                                                     | -0.168           | -0.075 |
| 18. | (936101) | Snipe Point, 1934, sub-<br>station                                   | -0.215           | -0.201 |
| 19. | (878101) | Irving, 1971, substation                                             | 0.687            | -0.080 |
| 20. | (875102) | Mangrove (USE), 1930,<br>subpoint B                                  | -0.826           | 0.125  |
| 21. | (872101) | Sands Cut RM 2, 1849-1947<br>substation                              | 0.296            | -0.049 |
| 22. | (901100) | Rubi, 1930-1947, reset                                               | -0.192           | -0.134 |
| 23. | (905101) | Angelfish Key RM 3, 1853                                             | -0.303           | -0.242 |
| 24. | (914101) | Knowlson, 1935 substation                                            | 0.153            | -0.155 |
| 25. | (919100) | Hull Key, 1852                                                       | -0.053           | 0.103  |
| 26. | (922100) | Rock Harbor 2, 1961                                                  | 0.364            | -0.284 |
| 27. | (022101) | Lower Sound Point, 1853<br>substation **                             |                  |        |
| 28. | (923101) | Sub Station Key Largo Cable<br>Visions Inc., Taller Mast,<br>1961 ** |                  |        |
| 29. | (924100) | Largo, 1962                                                          | -0.210           | 0.103  |

|     |          |                       |        |        |
|-----|----------|-----------------------|--------|--------|
| 30. | (967101) | Low 2, RM 2, 1934     | 0.042  | 0.215  |
| 31. | (692100) | Tavernier, 1935       | 0.308  | -1.325 |
| 32. | (793101) | Planter 2, RM 4       | -1.476 | 1.087  |
| 33. | (695101) | Snake, 1934, subpoint | 0.128  | 0.174  |

\*\* means not used in adjustments

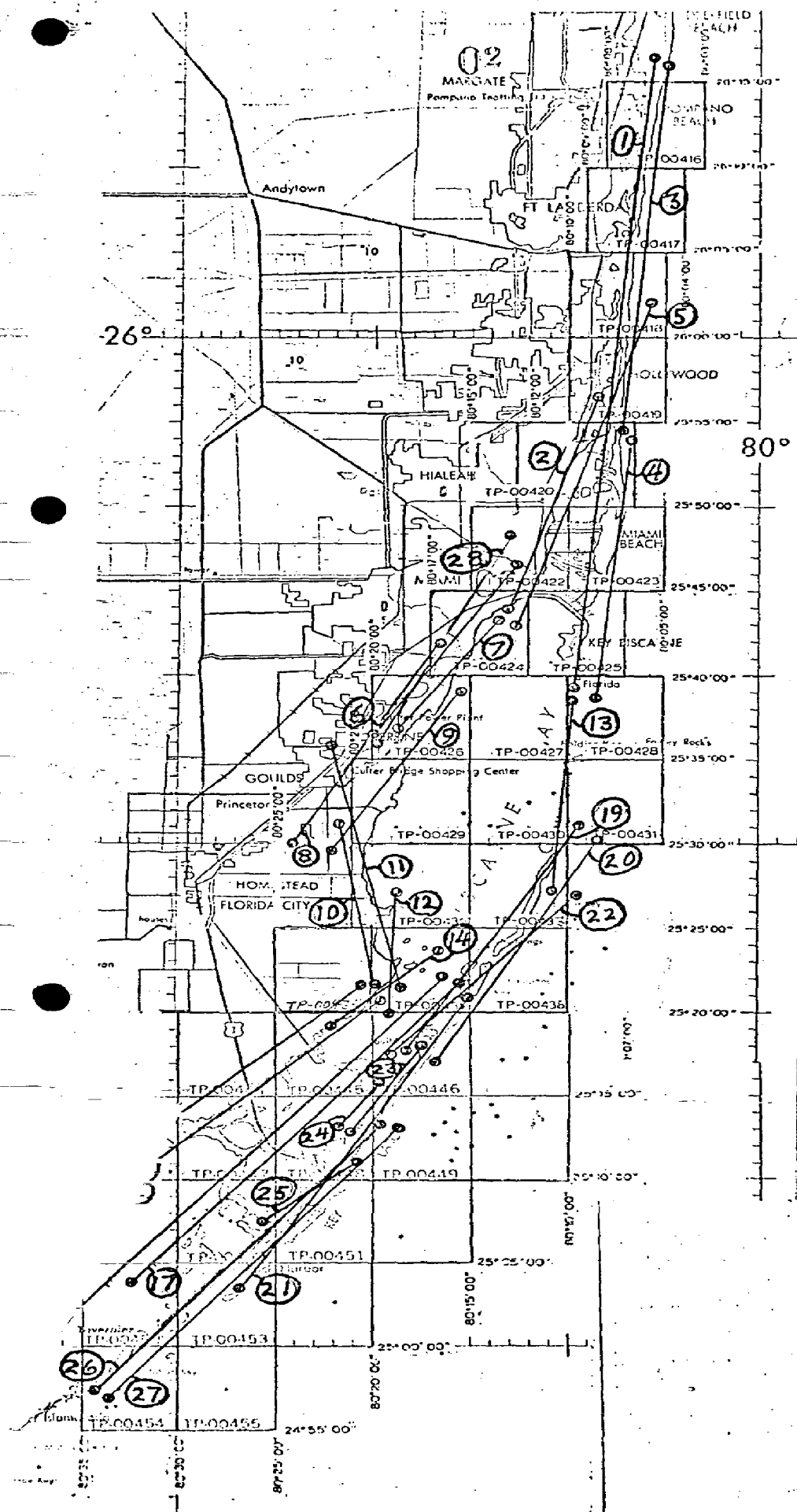
## INFRA-RED CONTACT PRINTS

1. 71K 5632R - 5660R MLW
2. 71K 5662R - 5672R MLW
3. 71K 5750R - 5766R MHW
4. 71K 5795R - 5806R MHW
5. 71K 5815R - 5829R MHW
6. 71L 8501R - 8509R MLW
7. 71L 8512R - 8520R MLW
8. 71L 8571R - 8580R MHW
9. 71L 8523R - 8530R MLW
10. 71L 8783R - 8791R MHW
11. 71L 8584R - 8593R MHW
12. 71L 8532R - 8537R MLW
13. 71L 9067R - 9080R MLW
14. 71L 8337R - 8341R MHW
15. 72K 6287R - 6298R MHW
16. 72K 6572R - 6584R MLW
17. 72K 6546R - 6563R MLW
18. 72K 6311R - 6330R MHW
19. 71L 8544R - 8559R MLW
20. 71L 8648R - 8662R MLW
21. 72K 6480R - 6499R MHW
22. 71L 8697R - 8705R MHW
23. 72K 6344R - 6350R MLW
24. 72K 6253R - 6255R MLW
25. 72K 6420R - 6423R MHW
26. 72K 6501R - 6515R MHW
27. 72K 6368R - 6382R MLW
28. 71K 5847R - 5856R MHW

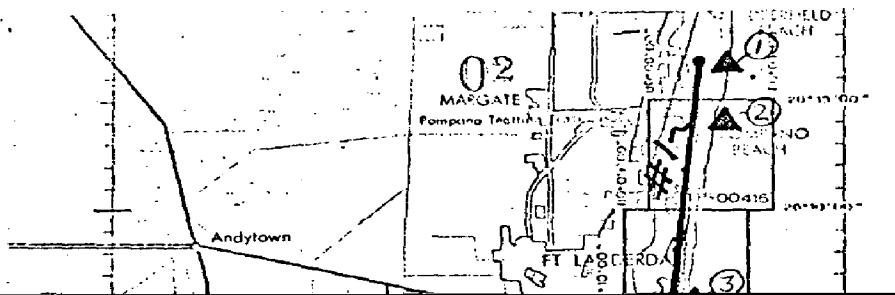
JOB PH-7113  
AND  
JOB PH-7119

HILLSBORO INLET  
TO  
PLANTATION KEY,  
FLORIDA

INFRA-RED CONTACT  
PRINTS RATIOED FOR  
COMPILATION







JOB PH-7113  
AND  
JOB PH-7119

Photogrammetric Plot Report  
Miami to Mangrove Point, Florida  
October 1973

21. Area Covered

The area covered by this report is along the west side of Biscayne Bay from Miami to Mangrove Point. This area is covered by nine 1:10,000 scale sheets TP-00420, TP-00422 thru TP-00424, TP-00426, TP-00429, TP-00432, TP-00434, and TP-00435.

22. Method

Two strips of 1:40,000 scale false color photography were bridged by aerotriangulation methods. The strips were controlled by transferred targets and pass points from color photography at different scales. The attached sketch shows the flight line of the photography and the placement of control used in this adjustment. Data for plotting the points were furnished to the Compilation Section.

23. Adequacy of Control

The control was adequate. Stations Point View SS #1 and Causeway could not be used in the adjustment because they did not meet National Map Accuracy Standards. This is the result of trying to transfer the stations from different scale and different year photography.

24. Supplemental Data

USGS quadrangles were used to provide vertical control for the adjustment.

25. Photography

The photography was adequate.

Respectfully submitted,

*Ivey O. Raborn*  
Ivey O. Raborn

Approved and Forwarded:

*John D. Perren Jr.*  
Chief, Aerotriangulation Section

pumping station 7

Bend

ROCA  
PACON

DEERFIELD

## FLORIDA- NOAA Coastal Boundary Mapping Program

Horizontal Control

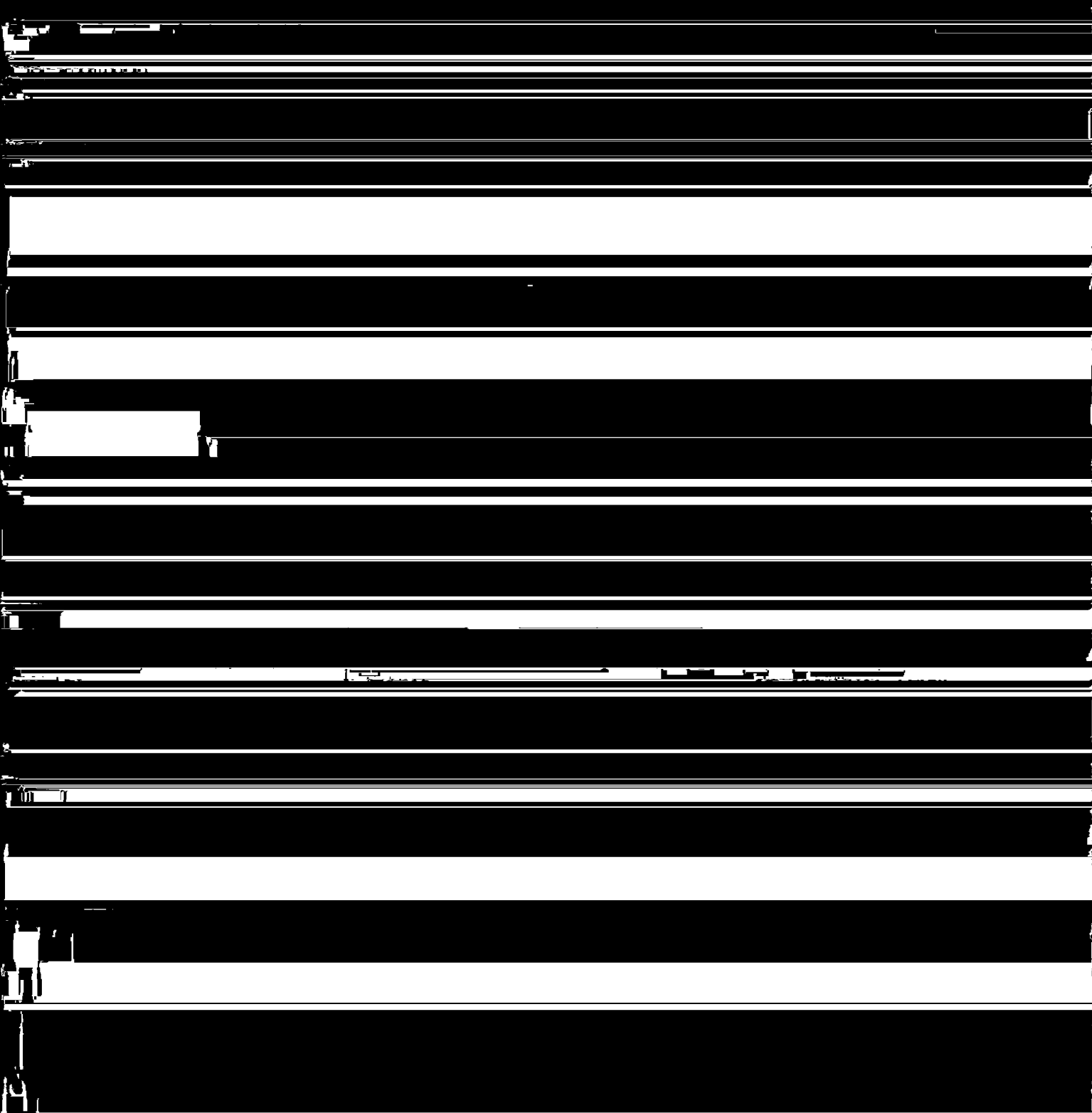
Map TP-00424

| Station                               | NOS Geodetic Data Reference for<br>Description, Positions, Coordinates<br>and Azimuths |
|---------------------------------------|----------------------------------------------------------------------------------------|
| South Miami, Brett<br>Water Tank 1935 | Book 423, P10, 19, 26 GP Fla. Vol. 1 P463 P1 Fla.<br>East Zone P 123                   |
| Pan American, 1935                    | Book 423, P10, 18, 21, 24, 26, GP Fla. Vol. 1 p.451<br>PC Fla. Zone 2, P. 118          |

COMPILATION REPORT  
TP-00424  
August 1974

31. Delineation

The MHWL, MLWL, apparent shoreline, and features located seaward from these lines were compiled from graphic methods from office interpretation



40. Horizontal Accuracy

This map complies with the accuracy requirements for the Florida Coastal Zone Mapping Program as outlined by project instructions, PH-7000.

41. thru 45. Inapplicable.

46. Comparison with Existing Maps

USGS Quad South Miami, Florida, 1:24,000 scale, photorevised 1969  
USGS Quad Key Biscayne, Florida, 1:24,000, photorevised 1969

No significant differences were noted.

47. Comparison with Nautical Charts

Comparison was made with the following Nautical Charts:

141-SC, 10th edition, October 1972  
847-SC, 12th edition, September 1973  
848-SC, July 1967

No significant differences were noted.

Submitted by,



Peter N. Gibson

Approved and forwarded:



J. P. Battley, Jr.  
Chief, Coastal Mapping Section

TP-00424  
Addendum to Compilation Report  
March 1977

TP-00424 is one of six maps (TP-00419, 420, and TP-00422 thru 425), in PH-7113 that upon examination of the half tone, were rejected because of poor image and tonal quality of the photography used to prepare the orthophotomosaics. Fourteen other maps in the project were approved.

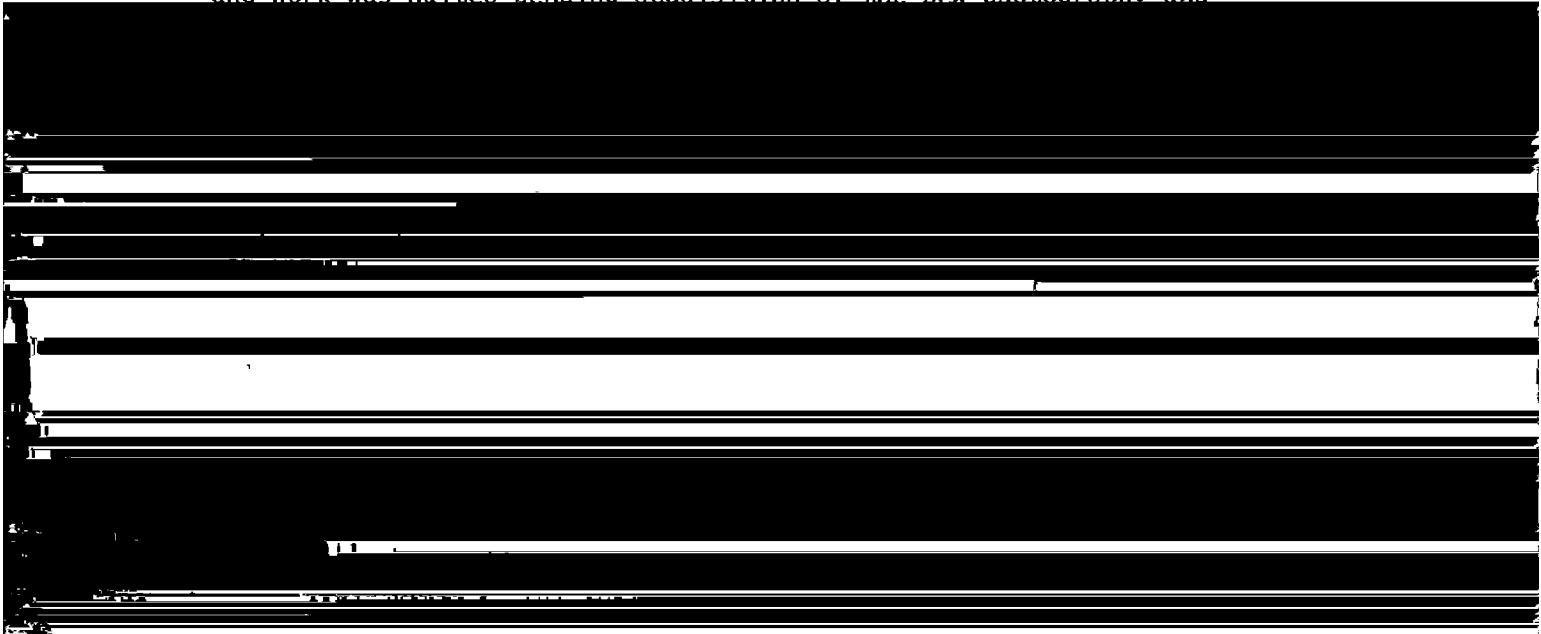
As these six maps cover an area of heavy marine activity, (North Miami Beach, south to Key Biscayne including Miami Harbor), it was decided that they should have uniformly the best image quality possible. In addition, due to a large amount of construction throughout the area, the need for contemporary photography was evident.

Consequently, photography was flown for the entire area in November 1975 and bridged in June 1976 (see Plot Report). Prior to bridging, 132 aids to navigation were photoidentified in the field on the 1975 photography (see field report dated 3/30/76). Their positions were determined during bridging and with the addition of 11 other aids located by sextant fixes, good positioning was achieved for aids on the six maps. New 76-40 forms will be submitted.

With the acquisition of the 1975 panchromatic photography a new orthophotomosaic was prepared. Same delineation of the shoreline and along-shore features, as originally compiled, was revised for various reasons and is herein discussed for TP-00424.

The lines of mean high water and mean low water were compiled from tide-coordinated, black-and-white, infrared aerial photographs taken in August and March 1971. Sufficient detail from the 1975 bridging photography was compiled to control the infrared photography.

The original compilation was completed in August 1974 and field edited in September 1974. Field edit was applied to the original manuscript and work was halted pending acquisition of the new photography and



FIELD EDIT REPORT, MAP TP0042<sup>4</sup>, Job PH 7113

51. METHODS

The shorelines of Biscayne Bay and canals were inspected by a small boat while cruising just offshore. Notes regarding apparent and fast shoreline, piers and other shoreline features were made on the rectified photographs and discrepancy print.

Three objects for landmarks are submitted on form 76-40. Two of the landmarks, Stone Tower and Tower, are triangulation stations. The other object, Apt. Bldg. is identified on photograph 71E9537. The red light atop of Apt. Bldg is of no value for a nautical landmark since all tall buildings in the Miami area have red lights on them. It may be of value for aircraft and has been identified for this reason.

The Bench Marks were identified on the rectified photographs. There are no tidal bench marks or tide gages within the limits of this manuscript.

Three triangulation stations were recovered.

A Geographic Names Report is submitted for specific names.

Field edit notes will be found on the discrepancy print, field edit sheet, photographs and planetable sheet.

52. ADEQUACY of COMPILATION

Adequate after application of field edit.

53. MAP ACCURACY

No test required.

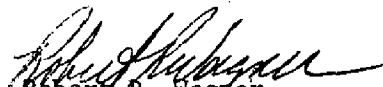
54. RECOMMENDATIONS

None.

55. EXAMINATION of PROOF COPY

Not required.

Submitted 9/24/74

  
Robert R. Wagner  
Chief, Photo Party 60



Review Report  
Coastal Zone Map TP-00424  
May 1979

61. General

The numerous delays in the compilation of Coastal Zone Map TP-00419, TP-00420, and TP-00422 thru TP-00426 are adequately explained in the previous reports.

The Class III map for Coastal Zone Map TP-00424 was inspected prior to field edit. This inspection comprised an examination of the manuscript, photography discrepancy print, and report.

The review for this map consisted of an examination of the Class I manuscript, the field edit and its application, the reproduction negatives, and descriptive report.

The proof copy was edited by the Quality Control Group prior to publication. This edit comprised a thorough inspection of map details to verify the accuracy of reproduction. In addition, the proof copy was examined by the following sections:

- Coastal Mapping - Map Details
- Staff Geographer - Geographic Names
- Coastal Surveys - Horizontal and Vertical Control

62. Cartographic Comparison

Comparison was made with the following Geological Survey maps and nautical charts:

Key Biscayne, Fla., 1:24,000 scale, 1962 photo revised 1969

South Miami, Fla., 1:24,000 scale, 1956 photo revised 1956

No significant differences were found.

Nautical chart 11467, 1:40,000 scale, 17th Edition, dated July 8, 1978

Chart shows islets (MHW) at Sister Banks. TP-00423 shows MLW foul with stumps and shoal. Field edit notes are attached to chart maintenance print.

Chart 11467 shows wreck along Dinner Key Channel. No wreck is shown on TP-00424. Field notes are attached to chart maintenance print.

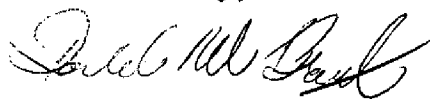
Field notes pertaining to offshore features are also attached to the chart maintenance print.

63. thru 65. - Inapplicable

66. Adequacy of Results and Future Surveys

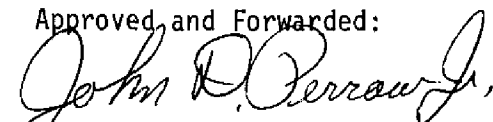
Coastal Zone Map TP-00424 complies with the instructions for NOS Cooperative Coastal Boundary Mapping, Job PH-7000 and the National Standards of Map Accuracy.

Submitted by,

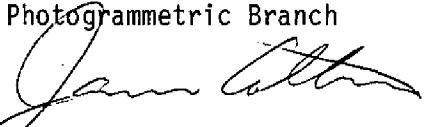


Donald M. Brant

Approved and Forwarded:



Chief, Photogrammetric Branch



Chief, Photogrammetry Division

May 31, 1977

## GEOGRAPHIC NAMES

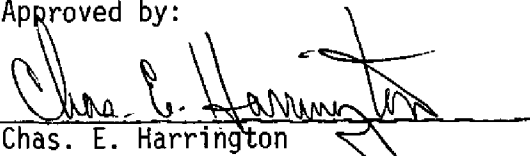
## FINAL NAME SHEET

PH-7113 (Biscayne Bay, Florida)

TP-00424

- Bay Heights
- Biscayne Bay
- Brickell Hammock
- Coconut Grove
- Coconut Grove Bay Front Park
- Coral Gables
- Coral Gables Waterway
- Deering Channel
- Dinner Key
- Dinner Key Channel
- Entrada Channel
- Fair Isle
- Florida East Coast (RR)
- Four-Way Channel
- Hammock Lake
- Ixlater Lake
- Lago Maggiore
- Lago Minore
- Lago Monaco
- Matheson Hammock County Park
- Miami
- Ocean View Heights
- Silver Bluff Estates
- Sister Banks
- Snapper Creek Canal
- South Bay Estates
- Sunrise Harbor
- Tahiti Beach
- The Pines
- Viscaya County Park
- West Bridge
- Dinner Key Marina

Approved by:

  
Chas. E. Harrington  
Staff Geographer

TOGRAMMETRIC BRANCH  
TAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA  
DEPARTMENT OF COMMERCE USA

TERMINAL  
VERSION  
09/20/76

### COATING AIDS FOR CHARTS TO BE CHARTED

\* RPT UNIT CMD ROCKVILLE, MD.  
\* STATE FLORIDA  
\* LOCALITY CORAL GABLES.  
\* DATE 02/18/77

\* PAGE 1 OF 13  
\*  
\* ORIGINATING ACTI  
\* COMPIATION

HAVE; NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

| DESCRIPTION        | POSITION  | CODES* | METHOD AND DATE | CHARTS     |
|--------------------|-----------|--------|-----------------|------------|
| ON FOR DELETION    | LATITUDE  | C-C    | OF LOCATION     | *AFFECTED* |
| ITION NAMES IN ( ) | LONGITUDE | SEQ    | OFFICE          | FIELD      |
|                    |           |        |                 |            |

AYNE BAY

•

NG CHANNEL  
ATE AIDS

|             | #      | P-4.        | * |
|-------------|--------|-------------|---|
| 25 43 59.96 | 1845.1 | NOT #       | * |
| 80 12 07.60 | 211.8  | DGTD#.      | * |
|             |        | * .08/26/74 | * |
|             |        | * P-4.      | * |
|             |        | * .08/26/74 | * |
|             |        | * .11465    | * |

OTTO

| 25 | 44 | 00.71 | 21.8 | NOT | * | DITTO  | * | DITTO | * |
|----|----|-------|------|-----|---|--------|---|-------|---|
| 86 | 12 | 04    | 74   | 187 | 8 | 003738 | * | DITTO | * |

**LITTO**

|    |    |       |       |         |   |       |   |       |
|----|----|-------|-------|---------|---|-------|---|-------|
| 25 | 44 | 06.29 | 193.6 | NOT *   | * | DITTO | * | *     |
| 80 | 12 | 12.73 | 356.8 | 061708. | * |       | * | DITTO |

OTTO

|             |       |        |   |       |
|-------------|-------|--------|---|-------|
|             | * *   | DITTO  | * | *     |
| 25 44 06.91 | 212.6 | NOT    | * | *     |
| 80 12 11.50 | 230.5 | PCT708 | * | DITTO |

OTTO

| 25 | 44 | 12.82 | 394.5 | NOT    | * | DITTO | * |
|----|----|-------|-------|--------|---|-------|---|
| 80 | 13 | 18.10 | 504.5 | 061708 | * |       |   |

**LITTO**

| 25 | 44 | 19.35 | 595.4 | NOT *  | DITTO | * | *        |
|----|----|-------|-------|--------|-------|---|----------|
| 80 | 12 | 33.53 | 455.4 | 001730 |       | * | 017710 * |

**LITTO**

|    |    |       |       |         |
|----|----|-------|-------|---------|
| 25 | 44 | 19.99 | 615.1 | NOT *   |
| 80 | 12 | 22.51 | 627.4 | DITTO * |
| 25 | 44 | 19.99 | 615.1 | NOT *   |
| 80 | 12 | 22.51 | 627.4 | DITTO * |

**OTTO**

|    |    |       |       |        |   |       |   |
|----|----|-------|-------|--------|---|-------|---|
| 25 | 44 | 26.59 | 818.2 | NOT    | * | DITTO | * |
| 80 | 12 | 29.39 | 819.2 | 061730 | * | DITTO | * |

ITTO

| 25 | 44 | 27.01 | 831.2 | NOT *                                 | * DITTO               | * 23    |
|----|----|-------|-------|---------------------------------------|-----------------------|---------|
| 80 | 13 | 28.21 | 786.3 | OGI7D* <td>* * <td>DITTO * </td></td> | * * <td>DITTO * </td> | DITTO * |

ORIGINATOR

NAMES OF RESPONSIBLE PERSONNEL

ROBERT R. WAGNER  
JOSEPH W. KEATING  
N/A  
JAMES H. TAYLOR

FIELD REPRESENTATIVE  
OFFICE COMPILER  
DIGITIZER  
DATA PROCESSOR

| * SVY                                                                                              | * TP-00424                       | * NONFLOATING AIDS FOR CHARTS<br>TO BE CHARTED | * RPT UNIT    | * CMD ROCKVILLE, MD. | * PAGE     | * 2 OF 13 | * ORIGINATING ACTIVITY* | * COMPILATION     |
|----------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|---------------|----------------------|------------|-----------|-------------------------|-------------------|
| * JOB                                                                                              | * PH-7113                        |                                                | * STATE       | * FLORIDA            |            |           |                         |                   |
| * PRJ                                                                                              | * 833205                         |                                                | * LOCALITY    | * CORAL GABLES       |            |           |                         |                   |
| * DTM                                                                                              | * NA 1927                        |                                                | * DATE        | * 02/18/77           |            |           |                         |                   |
| * THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS |                                  |                                                |               |                      |            |           |                         |                   |
| * CHARTING*                                                                                        | * DESCRIPTION                    | * RECORD REASON FOR DELETION                   | * LATITUDE    | * LONGITUDE          | * POSITION | * DM      | * DP                    | * CODES*          |
| * NAME                                                                                             | * PUT TRIANGULATION NAMES IN ( ) |                                                |               |                      |            |           |                         | * METHOD AND DATE |
|                                                                                                    |                                  |                                                |               |                      |            |           |                         | * OF LOCATION     |
|                                                                                                    |                                  |                                                |               |                      |            |           |                         | * FIELD           |
|                                                                                                    |                                  |                                                |               |                      |            |           |                         | * CHARTS          |
|                                                                                                    |                                  |                                                |               |                      |            |           |                         | * AFFECTED*       |
| * BISCAYNE BAY                                                                                     |                                  |                                                |               |                      |            |           |                         |                   |
| * APP.                                                                                             | * DINNER KEY SEAPLANE CHANNEL    |                                                | * 25 43 14.02 | * 431.4              | * NOT      |           |                         | * P-4             |
| * LT 2                                                                                             | * APPROACH LIGHT 2               |                                                | * 80 12 29.29 | * 816.5              | * DGTZD*   |           |                         | * 08/28/74        |
| * DYBN                                                                                             | * DINNER KEY SEAPLANE CHANNEL    |                                                | * 25 43 20.79 | * 639.7              | * NOT      |           |                         | * P-1             |
| * 1                                                                                                | * PRIVATE AIDS                   |                                                | * 80 13 15.15 | * 422.3              | * DGTZD*   |           |                         | * 08/28/74        |
| * DYBN                                                                                             | * DITTO                          |                                                | * 25 43 24.13 | * 742.5              | * NOT      |           |                         | * 71EC9539        |
| * 2                                                                                                |                                  |                                                | * 80 13 12.91 | * 359.9              | * DGTZD*   |           |                         | * DITTO           |
| * DYBN                                                                                             | * DITTO                          |                                                | * 25 43 28.09 | * 864.4              | * NOT      |           |                         | * DITTO           |
| * 3                                                                                                |                                  |                                                | * 80 13 27.16 | * 757.1              | * DGTZD*   |           |                         | * DITTO           |
| * DYBN                                                                                             | * DITTO                          |                                                | * 25 43 31.39 | * 965.9              | * NOT      |           |                         | * DITTO           |
| * 4                                                                                                |                                  |                                                | * 80 13 24.59 | * 685.5              | * DGTZD*   |           |                         | * DITTO           |
| * DYBN                                                                                             | * DITTO                          |                                                | * 25 43 35.50 | * 1092.4             | * NOT      |           |                         | * DITTO           |
| * 5                                                                                                |                                  |                                                | * 80 13 39.35 | * 1096.9             | * DGTZD*   |           |                         | * DITTO           |
| * DYBN                                                                                             | * DITTO                          |                                                | * 25 43 39.10 | * 1203.2             | * NOT      |           |                         | * DITTO           |
| * 6                                                                                                |                                  |                                                | * 80 13 36.74 | * 1024.1             | * DGTZD*   |           |                         | * DITTO           |
| * 1                                                                                                |                                  |                                                |               |                      |            |           |                         | * 1               |
| * 3                                                                                                |                                  |                                                |               |                      |            |           |                         | * 3               |

| * TYPE OF ACTION       | * NAMES OF RESPONSIBLE PERSONNEL | * ORIGINATOR           |
|------------------------|----------------------------------|------------------------|
| * POSITIONS DETERMINED | * ROBERT R. WAGNER               | * FIELD REPRESENTATIVE |
| * AND/OR VERIFIED BY   | * JOSEPH W. KEATING              | * OFFICE COMPILER      |
| * FIELD AND OFFICE     | * N/A                            | * DIGITIZER            |
| * ACTIVITIES           | * JAMES H. TAYLOR                | * DATA PROCESSOR       |

76-4000 PHOTOGRAMMETRIC BRANCH  
LISTING COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA  
DEPARTMENT OF COMMERCE USA

TERMINAL  
VERSION  
9/20/76

\* SVY TP-00424 \* RPT UNIT CMD ROCKVILLE, MD. \* PAGE 3 OF 13 \*  
\* JOB PH-7113 \* NONFLOATING AIDS FOR CHARTS \* STATE FLORIDA \*  
\* PRJ 833205 \* TO BE CHARTED \* LOCALITY CORAL GABLES \* ORIGINATING ACTIVITY \*  
\* DTM NA 1927 \* DATE 02/18/77 \* COMPILATION \*

\* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS \*

\* CHARTING\* RECORD REASON FOR DELETION \* POSITION \* METHOD AND DATE \*  
\* NAME \* PUT TRIANGULATION NAMES IN ( ) \* LATITUDE DM \* OF LOCATION \* CHARTS \*  
\* \* \* \* LONGITUDE DP \* OFFICE \* FIELD \* AFFECTED \*

|           |                        |                 |            |           |              |           |
|-----------|------------------------|-----------------|------------|-----------|--------------|-----------|
| * LIGHT * | * BISCAYNE BAY *       | * 25 42 46.62 * | * 1434.6 * | * NOT *   | * P-4 *      | * 11465 * |
| * 1 *     | * DINNER KEY CHANNEL * | * 80 12 38.86 * | * 1083.3 * | * DGTZD * | * 08/29/74 * |           |
| * DYBN *  | * DITTO *              | * 25 42 49.65 * | * 1527.8 * | * NOT *   | * DITTO *    | * DITTO * |
| * 2 *     |                        | * 80 12 40.57 * | * 1131.0 * | * DGTZD * |              |           |
| * DYBN *  | * DITTO *              | * 25 42 55.71 * | * 1714.3 * | * NOT *   | * DITTO *    | * DITTO * |
| * 3 *     |                        | * 80 12 56.03 * | * 1562.0 * | * DGTZD * |              |           |
| * DYBN *  | * DITTO *              | * 25 42 56.87 * | * 1750.0 * | * NOT *   | * DITTO *    | * DITTO * |
| * 4 *     |                        | * 80 12 55.49 * | * 1546.9 * | * DGTZD * |              |           |
| * DYBN *  | * DITTO *              | * 25 43 01.78 * | * 54.8 *   | * NOT *   | * DITTO *    | * DITTO * |
| * 5 *     |                        | * 80 13 07.88 * | * 219.7 *  | * DGTZD * |              |           |
| * DYBN *  | * DITTO *              | * 25 43 07.21 * | * 221.9 *  | * NOT *   | * DITTO *    | * DITTO * |
| * 6 *     |                        | * 80 13 15.74 * | * 438.8 *  | * DGTZD * |              |           |
| * DYBN *  | * DITTO *              | * 25 43 15.13 * | * 465.6 *  | * NOT *   | * DITTO *    | * DITTO * |
| * 8 *     |                        | * 80 13 31.82 * | * 887.0 *  | * DGTZD * |              |           |
| * DYBN *  | * DITTO *              | * 25 43 17.86 * | * 549.6 *  | * NOT *   | * DITTO *    | * DITTO * |
| * 10 *    |                        | * 80 13 36.87 * | * 1027.8 * | * DGTZD * |              |           |
| * LIGHT * | * DITTO *              | * 25 43 16.79 * | * 516.7 *  | * NOT *   | * DITTO *    | * DITTO * |
| * 11 *    |                        | * 80 13 37.88 * | * 1056.0 * | * DGTZD * |              |           |
| * DYBN *  | * DITTO *              | * 25 43 24.00 * | * 738.5 *  | * NOT *   | * DITTO *    | * DITTO * |
| * 12 *    |                        | * 80 13 43.93 * | * 1224.6 * | * DGTZD * |              |           |

\* TYPE OF ACTION \* NAMES OF RESPONSIBLE PERSONNEL \* ORIGINATOR \*

POSITIONS DETERMINED  
AND/OR VERIFIED BY  
FIELD AND OFFICE  
ACTIVITIES

ROBERT R. WAGNER  
JOSEPH W. KEATING  
N/A  
JAMES H. TAYLOR

FIELD REPRESENTATIVE  
OFFICE COMPILER  
DIGITIZER  
DATA PROCESSOR

PAGE 4 OF 13

IGINATING ACTIVITY\*  
COMPILATION

VALUE AS LANDMARKS

AND DATE \* CHARTS \*  
ATION \* FIELD \*AFFECTED\*

P-4 \* 11465

08/29/74 \* 11465

DITTO \* DITTO

\*

P-1

08/27/74 \* DITTO

74EC9539

DITTO \* DITTO

P-4

09/04/74 \* DITTO

DITTO \* DITTO

DITTO \* DITTO

33

ORIGINATOR

LO REPRESENTATIVE  
FFICE COMPILER  
DIGITIZER  
DATA PROCESSER

C BRANCH  
DIVISION

TIONAL OCEAN SURVEY NOAA  
DEPARTMENT OF COMMERCE USA

\* RPT UNIT CMD ROCKVILLE, MD.

FOR CHARTS \* STATE FLORIDA

RTED \* LOCALITY CORAL GABLES

\* DATE 02/18/77

BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR

TION \* LATITUDE DM C-C \* METHOD  
IN ( ) \* LONGITUDE DP SEQ \* OFFICE

\* 25 43 31.29 962.9 NOT \*

\* 80 13 51.35 1431.4 DGTZD\*

\* 25 43 29.96 921.9 NOT \*

\* 80 13 52.29 1457.6 DGTZD\*

\*

\* 25 43 20.61 634.2 NOT \*

\* 80 13 58.73 1637.2 DGTZD\*

\* 25 43 24.70 760.1 NOT \*

\* 80 14 03.48 97.0 DGTZD\*

\* 25 43 18.68 574.8 NOT \*

\* 80 14 26.97 751.8 DGTZD\*

\*

\* 25 42 45.26 1392.7 NOT \*

\* 80 14 11.22 312.8 DGTZD\*

\* 25 42 55.14 1696.8 NOT \*

\* 80 14 34.44 960.1 DGTZD\*

\*

NAMES OF RESPONSIBLE PERSONNEL

ROBERT R. WAGNER  
JOSEPH W. KEATING  
N/A  
JAMES H. TAYLOR

TERMINAL  
VERSION  
9/20/76

```

* RPT UNIT      CMD ROCKVILLE, MD.      * PAGE 5 OF 13  *
* STATE         FLORIDA                   *              *
* LOCALITY      CORAL GABLES              *ORIGINATING ACTIVITY*
* DATE          02/18/77                  *COMPILATION      *

```

| FROM SEAWARD | TO DETERMINE | THEIR VALUE AS LANDMARKS | #   |
|--------------|--------------|--------------------------|-----|
| 1            | 2            | 3                        | 4   |
| 5            | 6            | 7                        | 8   |
| 9            | 10           | 11                       | 12  |
| 13           | 14           | 15                       | 16  |
| 17           | 18           | 19                       | 20  |
| 21           | 22           | 23                       | 24  |
| 25           | 26           | 27                       | 28  |
| 29           | 30           | 31                       | 32  |
| 33           | 34           | 35                       | 36  |
| 37           | 38           | 39                       | 40  |
| 41           | 42           | 43                       | 44  |
| 45           | 46           | 47                       | 48  |
| 49           | 50           | 51                       | 52  |
| 53           | 54           | 55                       | 56  |
| 57           | 58           | 59                       | 60  |
| 61           | 62           | 63                       | 64  |
| 65           | 66           | 67                       | 68  |
| 69           | 70           | 71                       | 72  |
| 73           | 74           | 75                       | 76  |
| 77           | 78           | 79                       | 80  |
| 81           | 82           | 83                       | 84  |
| 85           | 86           | 87                       | 88  |
| 89           | 90           | 91                       | 92  |
| 93           | 94           | 95                       | 96  |
| 97           | 98           | 99                       | 100 |

| POSITION     | CODES* | METHOD AND DATE | *          |
|--------------|--------|-----------------|------------|
| LATITUDE DM  | C-C *  | OF LOCATION     | * CHARTS * |
| LONGITUDE DP | SEQ *  | OFFICE * FIELD  | *AFFECTED* |












|   |    |       |        |       |   |          |       |
|---|----|-------|--------|-------|---|----------|-------|
| 5 | 42 | 48.95 | 1506.3 | NOY   | * | *        | *     |
| 0 | 14 | 15.65 | 436.3  | DGI7D | * | *        | 11465 |
|   |    |       |        |       | * | 09/04/74 | *     |
|   |    |       |        |       | * | P-4      | *     |

|   |    |       |        |        |   |         |
|---|----|-------|--------|--------|---|---------|
| 5 | 42 | 52.74 | 1622.9 | NOT    | * | *       |
| 0 | 14 | 20.04 | 558.7  | OGTDO* | * | DITTO * |

|   |    |       |        |       |   |       |
|---|----|-------|--------|-------|---|-------|
| 5 | 42 | 56.20 | 1729.4 | NOT   | * | *     |
| 0 | 14 | 24.14 | 673.0  | OGI7D | * | 01110 |

| 5 | 42 | 57.67 | 1774.6 | NOT                                        | *                           | DITO             | * |
|---|----|-------|--------|--------------------------------------------|-----------------------------|------------------|---|
| 0 | 14 | 25.85 | 720.6  | DGIZD <td>* <td>DITO <td>* </td></td></td> | * <td>DITO <td>* </td></td> | DITO <td>* </td> | * |

| 5 | 42 | 19.43 | 597.9  | NOT    | *                           | DIPO | * |
|---|----|-------|--------|--------|-----------------------------|------|---|
| 0 | 13 | 43.01 | 1199.1 | OGI708 | * <td>DIPO</td> <td>* </td> | DIPO | * |

[illegible]

|    | 5 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
|----|---|---|---|----|----|------|-----|---|-----|---|
| 1  | 5 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 2  | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 3  | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 4  | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 5  | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 6  | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 7  | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 8  | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 9  | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 10 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 11 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 12 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 13 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 14 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 15 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 16 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 17 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 18 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 19 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 20 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 21 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 22 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 23 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 24 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 25 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 26 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 27 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 28 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 29 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 30 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 31 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 32 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 33 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 34 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 35 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 36 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 37 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 38 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 39 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 40 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 41 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 42 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 43 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 44 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 45 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
| 46 | 1 | 4 | 3 | 01 | 21 | 37.2 | NOT | * | p-4 | * |
|    |   |   |   |    |    |      |     |   |     |   |

[illegible][illegible]

.....

|                           |              |
|---------------------------|--------------|
| * F RESPONSIBLE PERSONNEL | * ORIGINATOR |
|---------------------------|--------------|

\* \*  
 —  
 \* \*  
 \* \*

|                   |                        |   |
|-------------------|------------------------|---|
| ROBERT R. WAGNER  | * FIELD REPRESENTATIVE | * |
| JOSEPH W. KEATING | * OFFICE COMPLIER      | * |

JAMES H. TAYLOR  
N/A  
DIGITIZER  
DATA PROCESSOR



URVEY: NOAA  
COMMERCE USA

KVILLE, MD. # PAGE 6 OF 13 #.

| 7 | ABLES | # | ORIGINATING | ACTIVITY# | # |
|---|-------|---|-------------|-----------|---|
|   |       | # | COMPILATION |           |   |

ETERMINE THEIR VALUE AS LANDMARKS. \*

```

DOES* METHOD AND DATE * *
C-C* OF LOCATION * CHARTS *
SEQ * OFFICE * FIELD *AFFECTED*

```

**QUESTION**

|       |   |          |   |         |
|-------|---|----------|---|---------|
| NOT * | * | P-4.     | * | *       |
| GTZD* | * | 09/04/74 | * | 11465 * |

|       |   |       |   |         |
|-------|---|-------|---|---------|
| NOT * | * | DITTO | * | *       |
| GTZD* | * |       | * | DITTO * |

|      |   |   |   |       |   |       |
|------|---|---|---|-------|---|-------|
| NOT  | * | * | * | DITTO | * | *     |
| GTZD | * | * | * | DITTO | * | DITTO |

|       |   |   |       |   |   |
|-------|---|---|-------|---|---|
| NOT   | * | * | DITTO | * | * |
| GTZIG | * | * | DITTO | * | * |

|       |   |       |   |         |
|-------|---|-------|---|---------|
| NOY * | * | DITTO | * | *       |
| GIZO* | * |       | * | DITTO * |

|       |   |       |   |       |
|-------|---|-------|---|-------|
| NOT * | * | DITTO | * | *     |
| GI2D* | * | DITTO | * | DITTO |

| NOT * | * | DITO | * | *      |
|-------|---|------|---|--------|
| GTZD* | * | DITO | * | DITO * |

[illegible]

57

[illegible]

\*-----\*

|     |   |            |   |
|-----|---|------------|---|
| NEL | * | ORIGINATOR | * |
|-----|---|------------|---|

[illegible]\* \* FIELD REPRESENTATIVE \* \*  
\* \* OFFICE COMPILER \* \*  
\* \* DIGITIZER \* \*  
\* \* DATA PROCESSER \* \*

76-4000

PHOTOGRAMMETRIC BRANCH  
COASTAL MAPPING DIVISIONNATIONAL OCEAN SURVEY NOAA  
DEPARTMENT OF COMMERCE USATERMINAL  
VERSION  
9/20/76

LISTING

\* SVY TP-00424 \* RPT UNIT CMD ROCKVILLE, MD. \* PAGE 7 OF 13 \*  
 \* JOB PH-7113 \* NONFLOATING AIDS FOR CHARTS \* STATE FLORIDA \*  
 \* PRJ 833205 \* TO BE CHARTED \* LOCALITY CORAL GABLES \* ORIGINATING ACTIVITY \*  
 \* DTM NA 1927 \* DATE 02/18/77 \* COMPILATION \*

\* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS \*

\* CHARTING\* RECORD REASON FOR DELETION \* POSITION \* METHOD AND DATE \*  
 \* NAME \* PUT TRIANGULATION NAMES IN ( ) \* LATITUDE DM \* OF LOCATION \* CHARTS \*  
 \* \* \* \* LONGITUDE DP \* OFFICE \* FIELD \* AFFECTED \*

|           |                         |               |          |          |            |           |
|-----------|-------------------------|---------------|----------|----------|------------|-----------|
| * LIGHT * | * BISCAYNE BAY          | * 25 41 53.50 | * 1646.3 | * NOT *  | * P-4      | * *       |
| * 1 *     | * CORAL GABLES WATERWAY | * 80 14 26.38 | * 735.5  | * DGTZD* | * 09/05/74 | * 11465 * |
| * DYBN *  | * CORAL GABLES WATERWAY | * 25 41 54.63 | * 1681.1 | * NOT *  | * DITTO    | * *       |
| * 2 *     | * PRIVATE AIDS          | * 80 14 25.94 | * 723.2  | * DGTZD* | * *        | * DITTO * |
| * DYBN *  | * DITTO                 | * 25 41 58.28 | * 1793.4 | * NOT *  | * DITTO    | * *       |
| * 3 *     |                         | * 80 14 33.20 | * 925.7  | * DGTZD* | * *        | * DITTO * |
| * DYBN *  | * DITTO                 | * 25 41 58.17 | * 1790.0 | * NOT *  | * DITTO    | * *       |
| * 4 *     |                         | * 80 14 31.05 | * 865.7  | * DGTZD* | * *        | * DITTO * |
| * DYBN *  | * DITTO                 | * 25 42 01.26 | * 38.8   | * NOT *  | * DITTO    | * *       |
| * 5 *     |                         | * 80 14 37.49 | * 1045.3 | * DGTZD* | * *        | * DITTO * |
| * DYBN *  | * DITTO                 | * 25 42 01.05 | * 32.3   | * NOT *  | * DITTO    | * *       |
| * 6 *     |                         | * 80 14 34.94 | * 974.2  | * DGTZD* | * *        | * DITTO * |
| * DYBN *  | * DITTO                 | * 25 42 03.32 | * 102.2  | * NOT *  | * DITTO    | * *       |
| * 7 *     |                         | * 80 14 40.77 | * 1136.7 | * DGTZD* | * *        | * DITTO * |
| * DYBN *  | * DITTO                 | * 25 42 04.81 | * 148.0  | * NOT *  | * DITTO    | * *       |
| * 8 *     |                         | * 80 14 40.08 | * 1117.5 | * DGTZD* | * *        | * DITTO * |
| * DYBN *  | * DITTO                 | * 25 42 07.43 | * 228.6  | * NOT *  | * DITTO    | * *       |
| * 10 *    |                         | * 80 14 43.65 | * 1217.0 | * DGTZD* | * *        | * DITTO * |
| * DYBN *  | * DITTO                 | * 00 00 00.00 | * 0.0    | * NOT *  | * *        | * *       |
| * 12 *    | * NOT IN PLACE          | * 00 00 00.00 | * 0.0    | * DGTZD* | * 09/05/74 | * DITTO * |

\* TYPE OF ACTION \* NAMES OF RESPONSIBLE PERSONNEL \* ORIGINATOR \*

POSITIONS DETERMINED  
AND/OR VERIFIED BY  
FIELD AND OFFICE  
ACTIVITIES

ROBERT R. WAGNER  
JOSEPH W. KEATING  
N/A  
JAMES H. TAYLOR

FIELD REPRESENTATIVE  
OFFICE COMPILER  
DIGITIZER  
DATA PROCESSER

TERMINAL  
VERSION  
9/20/76

DEPARTMENT OF COMMERCE USA

[illegible]

| TYPE OF ACTION       | NAMES OF RESPONSIBLE PERSONNEL | ORIGINATOR           |
|----------------------|--------------------------------|----------------------|
| POSITIONS DETERMINED | ROBERT R. WAGNER               | FIELD REPRESENTATIVE |
| AND/OR VERIFIED BY   | JOSEPH W. KEATING              | OFFICE COMPILER      |
| FIELD AND OFFICE     | N/A                            | DIGITIZER            |
| ACTIVITIES           | JAMES H. TAYLOR                | DATA PROCESSER       |

76-40

PHOTOGRAMMETRIC BRANCH

COASTAL MAPPING DIVISION

ATIONAL OCEAN SURVEY

DEPARTMENT OF COMMERCE USA

NOAA

TERMINAL

VERSION

09/20/76

LISTING

SVY TP-00424

PH-7113

PRJ 833205

DTM NA 1927

\* NONFLOATING AIDS FOR CHARTS

\* TO BE CHARTED

\* RPT UNIT

CMD ROCKVILLE, MD.

STATE FLORIDA

LOCALITY CORAL GABLES

DATE 02/18/77

PAGE 9 OF 13

\* ORIGINATING ACTIVITY

\* COMPILATION

THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

DESCRIPTION

RECORD REASON FOR DELETION

PUT TRIANGULATION NAMES IN ( )

POSITION

LATITUDE

LONGITUDE

DM

DP

CODES

C-C

SEQ

METHOD AND DATE

OF LOCATION

FIELD

CHARTS

AFFECTED

BISCAYNE BAY

DYBN 1

DYBN 2

DYBN 3

DYBN 4

DYBN 5

DYBN 6

DYBN 8

MATHESON HAMMOCK EAST CHANNEL

PRIVATE AIDS

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

25 40 37.61

80 15 18.74

25 40 38.36

80 15 19.38

25 40 36.42

80 15 23.15

25 40 37.10

80 15 23.32

25 40 35.38

80 15 27.96

25 40 36.00

80 15 28.24

25 40 36.98

80 15 29.24

1157.3

522.6

1180.4

540.4

1120.7

645.6

1141.6

650.3

1088.7

779.7

1107.8

787.5

1137.9

815.4

NOT

DGTZD

NOT

DGTZD

NOT

DGTZD

NOT

DGTZD

NOT

DGTZD

NOT

DGTZD

NOT

DGTZD

P-3

09/17/74

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

11465

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

DITTO

40

TYPE OF ACTION

NAMES OF RESPONSIBLE PERSONNEL

ORIGINATOR

POSITIONS DETERMINED

AND/OR VERIFIED BY

FIELD AND OFFICE

ACTIVITIES

ROBERT R. WAGNER

JOSEPH W. KEATING

N/A

JAMES H. TAYLOR

FIELD REPRESENTATIVE

OFFICE COMPILER

DIGITIZER

DATA PROCESSER

76-400000  
LISTING

NATIONAL OCEAN SURVEY NOAA  
DEPARTMENT OF COMMERCE, USA

TERMINAL  
VERSION  
89/20/76

| * SVY | * TP-00424 | * NONFLOATING AIDS FOR CHARTS | * RPT UNIT | * CMD ROCKVILLE, MD. | * PAGE 10 OF 13          | * * |
|-------|------------|-------------------------------|------------|----------------------|--------------------------|-----|
| * JOB | * PH-7113  | * TO BE CHARTED               | * STATE    | * FLORIDA            | * *                      | * * |
| * PRJ | * 833205   |                               | * LOCALITY | * CORAL GABLES       | * *ORIGINATING ACTIVITY* | * * |
| * DTM | * NA 1927  |                               | * DATE     | * 02/18/77           | * *COMPILATION           | * * |

\*: THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS #:

| ##           | DESCRIPTION                    | ## | POSITION  | CODES## | METHOD AND DATE | ##           |
|--------------|--------------------------------|----|-----------|---------|-----------------|--------------|
| ##CHARTING## | RECORD REASON FOR DELETION     | ## | LATITUDE  | C-C##   | OF LOCATION     | ## CHARTS ## |
| ## NAME ##   | PUT TRIANGULATION NAMES IN ( ) | ## | LONGITUDE | SEQ ##  | OFFICE ##       | FIELD ##     |
|              |                                | ## |           |         |                 | AFFECTED##   |
| 1            |                                |    |           |         |                 |              |
| 2            |                                |    |           |         |                 |              |
| 3            |                                |    |           |         |                 |              |
| 4            |                                |    |           |         |                 |              |
| 5            |                                |    |           |         |                 |              |
| 6            |                                |    |           |         |                 |              |
| 7            |                                |    |           |         |                 |              |
| 8            |                                |    |           |         |                 |              |
| 9            |                                |    |           |         |                 |              |
| 10           |                                |    |           |         |                 |              |
| 11           |                                |    |           |         |                 |              |
| 12           |                                |    |           |         |                 |              |
| 13           |                                |    |           |         |                 |              |
| 14           |                                |    |           |         |                 |              |
| 15           |                                |    |           |         |                 |              |
| 16           |                                |    |           |         |                 |              |
| 17           |                                |    |           |         |                 |              |
| 18           |                                |    |           |         |                 |              |
| 19           |                                |    |           |         |                 |              |
| 20           |                                |    |           |         |                 |              |
| 21           |                                |    |           |         |                 |              |
| 22           |                                |    |           |         |                 |              |
| 23           |                                |    |           |         |                 |              |
| 24           |                                |    |           |         |                 |              |
| 25           |                                |    |           |         |                 |              |
| 26           |                                |    |           |         |                 |              |
| 27           |                                |    |           |         |                 |              |
| 28           |                                |    |           |         |                 |              |
| 29           |                                |    |           |         |                 |              |
| 30           |                                |    |           |         |                 |              |
| 31           |                                |    |           |         |                 |              |
| 32           |                                |    |           |         |                 |              |
| 33           |                                |    |           |         |                 |              |
| 34           |                                |    |           |         |                 |              |
| 35           |                                |    |           |         |                 |              |
| 36           |                                |    |           |         |                 |              |
| 37           |                                |    |           |         |                 |              |
| 38           |                                |    |           |         |                 |              |
| 39           |                                |    |           |         |                 |              |
| 40           |                                |    |           |         |                 |              |
| 41           |                                |    |           |         |                 |              |
| 42           |                                |    |           |         |                 |              |
| 43           |                                |    |           |         |                 |              |
| 44           |                                |    |           |         |                 |              |
| 45           |                                |    |           |         |                 |              |
| 46           |                                |    |           |         |                 |              |
| 47           |                                |    |           |         |                 |              |
| 48           |                                |    |           |         |                 |              |
| 49           |                                |    |           |         |                 |              |
| 50           |                                |    |           |         |                 |              |
| 51           |                                |    |           |         |                 |              |
| 52           |                                |    |           |         |                 |              |
| 53           |                                |    |           |         |                 |              |
| 54           |                                |    |           |         |                 |              |
| 55           |                                |    |           |         |                 |              |
| 56           |                                |    |           |         |                 |              |
| 57           |                                |    |           |         |                 |              |
| 58           |                                |    |           |         |                 |              |
| 59           |                                |    |           |         |                 |              |
| 60           |                                |    |           |         |                 |              |
| 61           |                                |    |           |         |                 |              |
| 62           |                                |    |           |         |                 |              |
| 63           |                                |    |           |         |                 |              |
| 64           |                                |    |           |         |                 |              |
| 65           |                                |    |           |         |                 |              |
| 66           |                                |    |           |         |                 |              |
| 67           |                                |    |           |         |                 |              |
| 68           |                                |    |           |         |                 |              |
| 69           |                                |    |           |         |                 |              |
| 70           |                                |    |           |         |                 |              |
| 71           |                                |    |           |         |                 |              |
| 72           |                                |    |           |         |                 |              |
| 73           |                                |    |           |         |                 |              |
| 74           |                                |    |           |         |                 |              |
| 75           |                                |    |           |         |                 |              |
| 76           |                                |    |           |         |                 |              |
| 77           |                                |    |           |         |                 |              |
| 78           |                                |    |           |         |                 |              |
| 79           |                                |    |           |         |                 |              |
| 80           |                                |    |           |         |                 |              |
| 81           |                                |    |           |         |                 |              |
| 82           |                                |    |           |         |                 |              |
| 83           |                                |    |           |         |                 |              |
| 84           |                                |    |           |         |                 |              |
| 85           |                                |    |           |         |                 |              |
| 86           |                                |    |           |         |                 |              |

BISCAYNE BAY

| SYMBOL | NAME     | UNIT          | QTY | PRICE | TOTAL | DATE  | TIME  | STATUS   |
|--------|----------|---------------|-----|-------|-------|-------|-------|----------|
| 0YBN   | MATHESON | SOUTH CHANNEL | 25  | 40    | 26.09 | 802.8 | NOT   | P-3      |
| 0YBN   | MATHESON | PRIVATE AIDS  | 80  | 15    | 27.22 | 759.1 | DGT2D | 09/17/74 |
| 0YBN   | MATHESON | PRIVATE AIDS  | 80  | 15    | 27.22 | 759.1 | DGT2D | 09/17/74 |

| RG FRT            | * | 25 | 40 | 38.15 | 1173.9 | NOT   | * | P-3      | * |
|-------------------|---|----|----|-------|--------|-------|---|----------|---|
| LIGHT             | * | 80 | 15 | 29.73 | 829.1  | DGTZD | * | 09/17/74 | * |
| DITTO             |   |    |    |       |        |       |   |          |   |
| RANGE FRONT LIGHT |   |    |    |       |        |       |   |          |   |
| DITTO             |   |    |    |       |        |       |   |          |   |

[illegible][illegible][illegible][illegible][illegible][illegible]

|        |    |       |       |        |   |   |   |   |   |
|--------|----|-------|-------|--------|---|---|---|---|---|
| #      | #  | #     | #     | #      | # | # | # | # | # |
| 7      | *  | *     | *     | *      | * | * | * | * | * |
| 80     | 15 | 30.92 | 862.3 | DGIZD* |   |   |   |   |   |
| *DI770 | *  | *     | *     | *      | * | * | * | * | * |

| * TYPE OF ACTION | * NAMES OF RESPONSIBLE PERSONNEL | * ORIGINATOR |
|------------------|----------------------------------|--------------|
|                  |                                  |              |

[illegible]

\* SVY TP-00424 \* RPT UNIT CMD ROCKVILLE, MD. \* PAGE 11 OF 13 \*  
\* JOB PH-7113 \* STATE FLORIDA \*  
\* PRJ 833205 \* LOCALITY CORAL GABLES \* ORIGINATING ACTIVITY \*  
\* DTM NA 1927 \* DATE 02/18/77 \* COMPILATION \*

\* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS \*

\* CHARTING\* RECORD REASON FOR DELETION \* POSITION \* METHOD AND DATE \*  
\* NAME \* PUT TRIANGULATION NAMES IN ( ) \* LATITUDE DM \* OF LOCATION \* CHARTS \*  
\* \* \* \* LONGITUDE DP \* OFFICE \* FIELD \* AFFECTED \*

\* \* \* BISCAYNE BAY \* \* \*  
\* \* \*

\* DYBN \* MATHESON HAMMOCK SOUTH CHANNEL \* 25 40 41.33 1271.8 NOT \* P-3 \*  
\* 9 \* PRIVATE AIDS \* 80 15 34.27 955.7 DGTZD \* 09/17/74 \* 11465 \*

\* DYBN \* \* 25 40 42.13 1296.4 NOT \* \*  
\* 10 \* \* 80 15 33.37 930.6 DGTZD \* \* DITTO \*

\* DYBN \* \* 25 40 45.12 1388.4 NOT \* \*  
\* 11 \* \* 80 15 37.77 1053.3 DGTZD \* \* DITTO \*

\* DYBN \* \* 25 40 45.96 1414.3 NOT \* \*  
\* 12 \* \* 80 15 36.68 1022.9 DGTZD \* \* DITTO \*

\* \* \* \* \*  
\* \* \* \* \*

\* \* \* \* \*  
\* \* \* \* \*

\* \* \* \* \*  
\* \* \* \* \*

\* \* \* \* \*  
\* \* \* \* \*

\* \* \* \* \*  
\* \* \* \* \*

\* \* \* \* \*  
\* \* \* \* \*

\* \* \* \* \*  
\* \* \* \* \*

\* TYPE OF ACTION \* NAMES OF RESPONSIBLE PERSONNEL \* ORIGINATOR \*

\* \* \* \* \*  
\* \* \* \* \*

\* POSITIONS DETERMINED \*  
\* AND/OR VERIFIED BY \* ROBERT R. WAGNER \*  
\* FIELD AND OFFICE \* JOSEPH W. KEATING \*  
\* ACTIVITIES \* N/A \*  
\* \* \* JAMES H. TAYLOR \* DATA PROCESSER \*



| *-----*                            | *-----*                            | *-----*              | *-----* |
|------------------------------------|------------------------------------|----------------------|---------|
| * TYPE OF ACTION *                 | * NAMES OF RESPONSIBLE PERSONNEL * | * ORIGINATOR *       |         |
| *-----*                            |                                    |                      |         |
| * OBJECTS INSPECTED FROM SEAWARD * | ROBERT R. WAGNER                   | PHOTO FIELD PARTY    |         |
| * POSITIONS DETERMINED *           | ROBERT R. WAGNER                   | FIELD REPRESENTATIVE |         |
| * AND/OR VERIFIED BY *             | JOSEPH W. KEATING                  | OFFICE COMPILER      |         |
| * FIELD AND OFFICE *               | N/A                                | DIGITIZER            |         |
| * ACTIVITIES *                     | JAMES H. TAYLOR                    | DATA PROCESSER       |         |
| *-----*                            |                                    |                      |         |



TERMINAL  
VERSION  
-09/20/76

09/20/76

| * SVY                                                                                            | TP-00424                       | * | LANDMARKS FOR CHARTS<br>TO BE DELETED | * RPT UNIT  | CMD          | ROCKVILLE, MD.          | * PAGE 13 OF 13    |
|--------------------------------------------------------------------------------------------------|--------------------------------|---|---------------------------------------|-------------|--------------|-------------------------|--------------------|
| * JOB                                                                                            | PH-7113                        | * |                                       | * STATE     | FLORIDA      |                         |                    |
| * PRJ                                                                                            | 833205                         | * |                                       | * LOCALITY  | CORAL GABLES | * ORIGINATING ACTIVITY* |                    |
| * DTM                                                                                            | NA 1927                        | * |                                       | * DATE      | 02/18/77     | * COMPILATION           |                    |
| * THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS * |                                |   |                                       |             |              |                         |                    |
| * CHARTING*                                                                                      | RECORD REASON FOR DELETION     | * | DESCRIPTION                           | * POSITION  | CODES*       | METHOD AND DATE         | * CHARTS *         |
| * NAME                                                                                           | PUT TRIANGULATION NAMES IN ( ) | * |                                       | * LATITUDE  | C-C *        | OF LOCATION             | * FIELD *AFFECTED* |
|                                                                                                  |                                | * |                                       | * LONGITUDE | SEQ *        | OFFICE                  |                    |

```

* * * * *
* * APT. * OCC RED LIGHT ATOP APT. BLDG. * 25 44 58.34 1795.2 NOT * * *
* * BLDG * HT=296(300) * 80 12 02.36 65.8 DGTZD* * * 11465 *
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
* * IT IS RECOMMENDED THAT THIS LANDMARK BE DELETED. THE * * *
* * 1974 FIELD EDIT INDICATED THE RED LT. WAS OF NO VALUE AS * * *
* * * * *
* * A NAUTICAL LANDMARK. THE 1975 PHOTOGRAPHY INDICATED A * * *
* * TALLER BUILDING HAS BEEN BUILT BESIDE IT. * * *
* * * * *

```

The diagram consists of six vertical dashed lines. Each line has a sequence of stars at different vertical positions. From left to right, the stars are arranged as follows:

- Line 1: Stars at positions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
- Line 2: Stars at positions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
- Line 3: Stars at positions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
- Line 4: Stars at positions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
- Line 5: Stars at positions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
- Line 6: Stars at positions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

| * TYPE OF ACTION *                                                      | * NAMES OF RESPONSIBLE PERSONNEL *                                        | * ORIGINATOR *                                                                   |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| * OBJECTS INSPECTED FROM SEAWARD *                                      | * ROBERT R. WAGNER *                                                      | * PHOTO FIELD PARTY *                                                            |
| * POSITIONS DETERMINED AND/OR VERIFIED BY FIELD AND OFFICE ACTIVITIES * | * ROBERT R. WAGNER<br>* JOSEPH W. KEATING<br>* N/A<br>* JAMES H. TAYLOR * | * FIELD REPRESENTATIVE<br>* OFFICE COMPILER<br>* DIGITIZER<br>* DATA PROCESSER * |

National Archives Data

for

TP-00424

1 Discrepancy print (paper copy)

1 *Field edit sheet*

1 Form 76-36C

1 Sketchbook

13 Forms 76-40 (Nonfloating Aids or Landmarks for Charts)

Photographs:

71-E-9537 thru 9541

71-K-5848, 5850 and 5851