00422

00422

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-00422

Classification No. Final
Field Edited Map

Edition No. 1

LOCALITY

State Florida

General Locality Dade County

Locality Miami

19 71 TO 1975

REGISTRY IN ARCHIVES

DATE

☆ U.S. GOVERNMENT PRINTING OFFICE: 1973-761-775

NOAA FORM 76-36A (3-72) — U. S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

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

SURVEY TP- 00422
MAP EDITION NO. (1)
MAP CLASS Final
JOB PH- 7113

PHOTOGRAMMETRIC OFFICE
Rockville, Maryland
OFFICER-IN-CHARGE

LAST PRECEEDING MAP EDITION
TYPE OF SURVEY
- [ ] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

JOB PH-
MAP CLASS
SURVEY DATES:

I. INSTRUCTIONS DATED

1. OFFICE	2. FIELD
General-Instructions-OFFICE-NOS Cooperative Coastal Boundary Mapping JOB PH-7000. June 19, 1973 OFFICE-Supplement I, August 19, 1973 NOTE: OFFICE and field edit Instructions (1973) incorporate applicable prior operational instructions. OFFICE: Supplement II, Sept. 24, 1973	Aerial photography 912169 Supplement I 1/28/70 Supplement II 3/26/70 Supplement III 8/10/72 Field Edit (PH-7000, General Instructions for Florida Coastal Zone Mapping 1973.

II. DATUMS

		OTHER (Specify)
1. HORIZONTAL:	[X] 1927 NORTH AMERICAN	
2. VERTICAL:	[X] MEAN HIGH-WATER [X] MEAN LOW-WATER [ ] MEAN LOWER LOW-WATER [ ] MEAN SEA LEVEL	OTHER (Specify)

NOAA FORM 76-36B
(3-72)

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

TP-00422

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) RC-8
E, B, & K - 6" Focal Length

TIDE STAGE REFERENCE
- ☐ PREDICTED TIDES
- ☐ REFERENCE STATION RECORDS
- ☐ TIDE CONTROLLED PHOTOGRAPHY

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

TIME REFERENCE
ZONE: Eastern — ☒ STANDARD
MERIDIAN: 75th — ☐ DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
71E(C)9537	8 Mar 71	1227	1:30,000	The stage of tide is inapplicable for the color photography.
71E(C)9563-9565	8 Mar 71	1305	1:30,000	
71E(C)9585	8 Mar 71	1325	1:30,000	
73E(C)9040R	16 June 73	0840	1:40,000	
75B7973,75,77	24 Nov. 75	1005	1:30,000	
75B8016, 18, 20	24 Nov. 75	1020	1:30,000	
75B(C)8175, 77	24 Nov. 75	1140	1:15,000	
71K5847R	2 Mar.71	1319-1325	1:30,000	Refer to 76-36B1 for tide information
71K5817R-5820R	2 Mar.71	1255	1:30,000	
71K5662R-5666R	24 Feb. 71	1258	1:30,000	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the tide-coordinated, black-and-white infrared photography listed in item 1. The rectified color photography was used as an aid for interpreting culture features and compiling the limits of shoal and shallow areas for Nautical Charts. The 1973 color photography and the 1975 panchromatic photography was used to update culture shoreline.

Where the shoreline is obscured by vegetation such as mangrove, the apparent shoreline is mapped.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

The source of the MLW line is the tide-coordinated, black-and-white infrared photography listed under item 1.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS *(List only those surveys that are sources for photogrammetric survey information.)*

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED
Inapplicable					

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
TP-00420	TP-00423	TP-00424; TP-00425	None

REMARKS

Final junctions were made in the Coastal Mapping Section.

NOAA FORM 76-36B(1)
(7-75)

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

TIDE - COORDINATED PHOTOGRAPHY

TP - 00422

LOCATION AND PHOTOGRAPHY	TIDE STATIONS *(In operation at time of photography)*	STAGE OF TIDE	MEAN RANGE
71K5817R-5820R	Miami, Biscayne Bay	+ 0.26 MHW	2.14'
71K5847R	Miami, Biscayne Bay	+ 0.15 MHW	2.14'
71K5662R-5666R	Miami, Biscayne Bay	- 0.06 MLW	2.14'

REMARKS:

NOAA FORM 76-36C
(3-72)

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

TP-00422

HISTORY OF FIELD OPERATIONS

I. [XX] FIELD INSPECTION OPERATION * Mar. 1971 Dec. 1975 [X] FIELD EDIT OPERATION Aug. 1973

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		R. R. Wagner	
2. HORIZONTAL CONTROL	RECOVERED BY	G. Jamerson	9/73
	ESTABLISHED BY	Inapplicable	
	PRE-MARKED OR IDENTIFIED BY	Inapplicable	
3. VERTICAL CONTROL	RECOVERED BY	R. R. Wagner	6/73
	ESTABLISHED BY	Inapplicable	
	~~XXXXXXXXXX~~ IDENTIFIED BY	R. R. Wagner	9/73
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY	G. Jamerson	9/73
	LOCATED *(Field Methods)* BY	R. R. Wagner	9/73
	IDENTIFIED BY	R. R. Wagner	9/73
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [XX] NO INVESTIGATION — BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	R. R. Wagner	9/73
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	Inapplicable	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME
	Refer to field Reports

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION DESIGNATION
71E9563	D 269
71E9564	B 243
71E9565	N 1 (FGS), D 243, M 119
71E9585	MH 16 (USE), RIVET

3. PHOTO NUMBERS *(Clarification of details)* 71E9565, 71E9563, 71E9585, 73L3019 submitted with TP-00423, 71K5665R, 71K5664R, 71E9584 submitted with TP-00423

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Refer to Supplement 2.

PHOTO NUMBER	OBJECT NAME
71E9563	Miamarina North Pier Lt. Miamarina South Pier Lt.

PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: [ ] REPORT [X] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [X] NONE

NOAA FORM 76-36D
(3-72)

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

RECORD OF SURVEY USE

TP-00422

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Original Compilation of Shoreline and Foreshore Features	July 1973	Map Class III Horizontal Control adequate		
Shoreline and Foreshore features revised from ~~field edit~~	Oct. 1973	Manuscript not registered See compilation report		
Revise compilation with Nof. 1975 photography	Nov. 1976	Class I		

II. LANDMARKS AND AIDS TO NAVIGATION

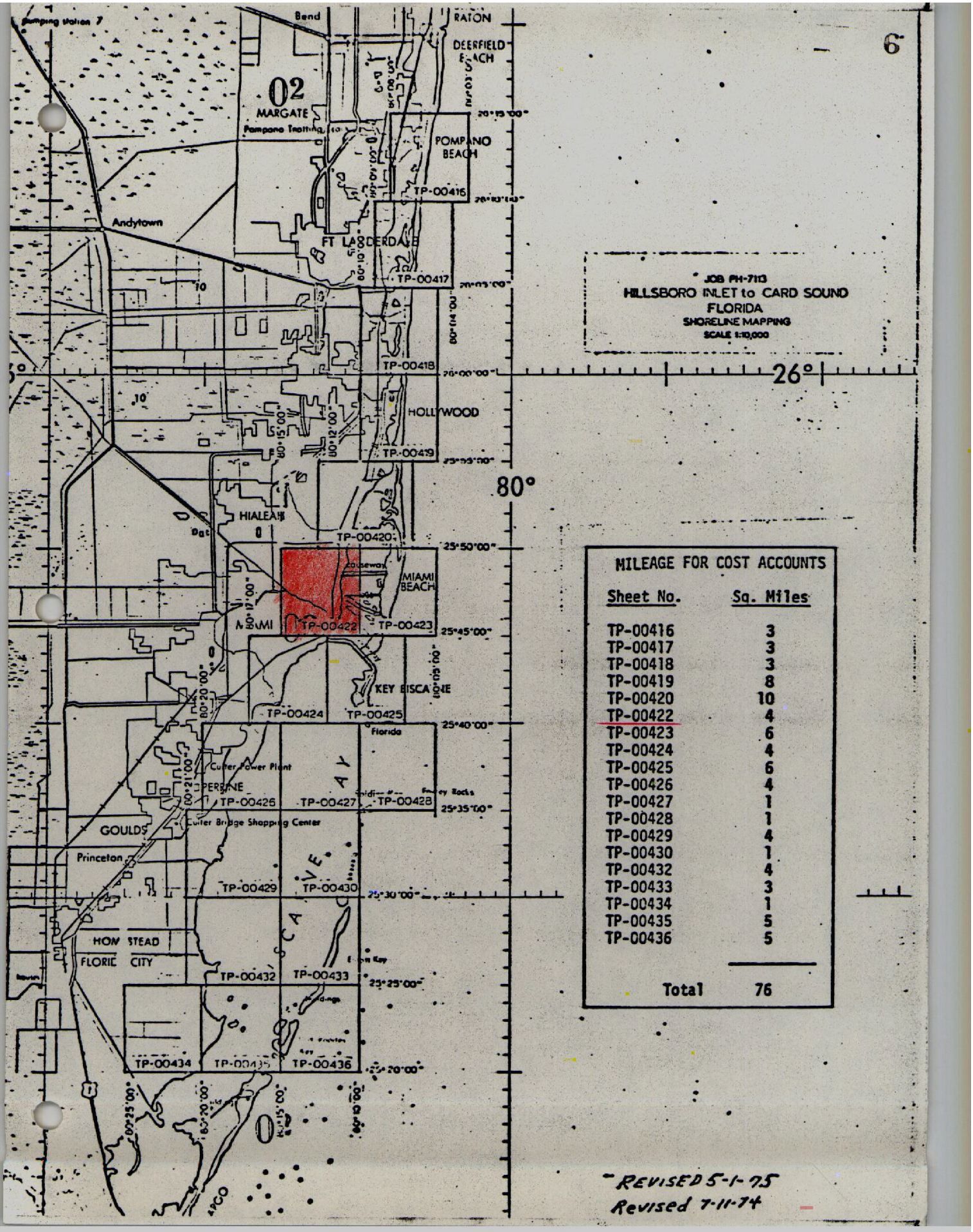
1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
		3/9/77	6 Digitized pages of form 76-40 have been

[redacted]

2. [X] REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 3/9/77
3. [ ] REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA



MILEAGE FOR COST ACCOUNTS

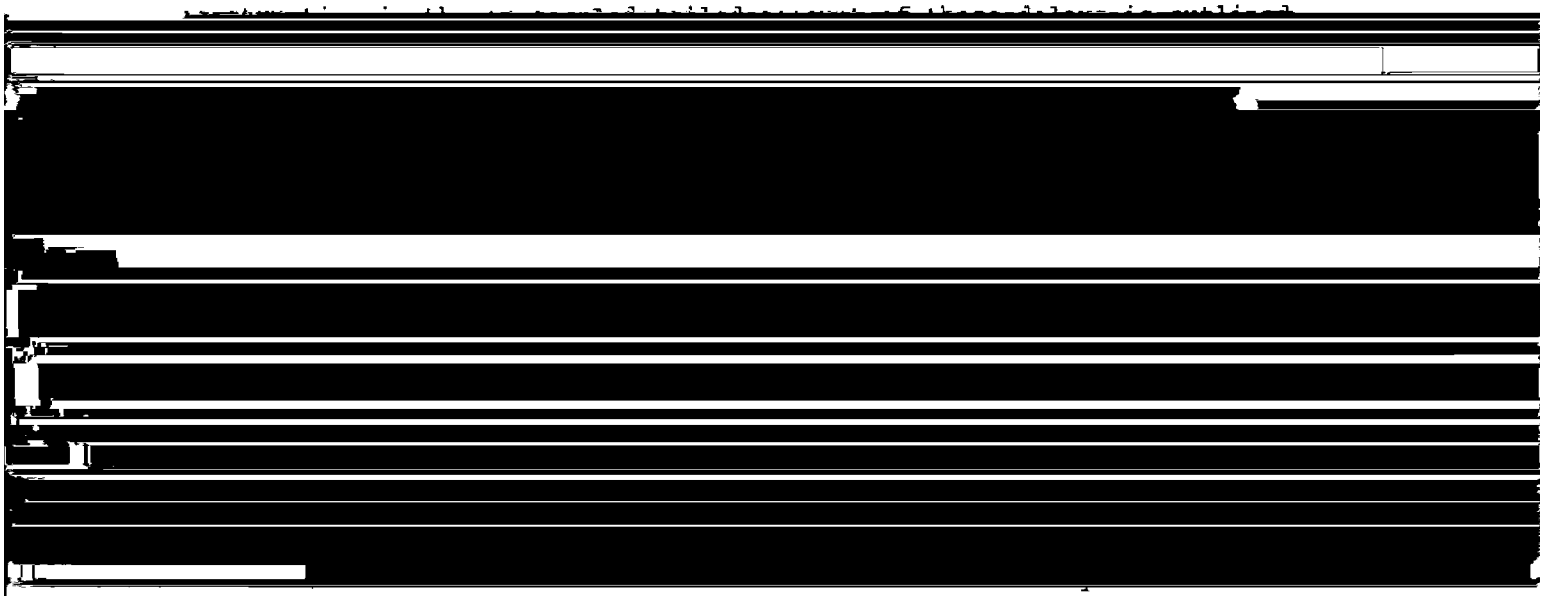
Sheet No.	Sq. Miles
TP-00416	3
TP-00417	3
TP-00418	3
TP-00419	8
TP-00420	10
TP-00422	4
TP-00423	6
TP-00424	4
TP-00425	6
TP-00426	4
TP-00427	1
TP-00428	1
TP-00429	4
TP-00430	1
TP-00432	4
TP-00433	3
TP-00434	1
TP-00435	5
TP-00436	5
Total	76

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

SUMMARY
for
TP-00422

Coastal Zone Map TP-00422 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-00422 was interrupted because of a new adjustment of horizontal control, poor quality of photography, and new



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

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-00422 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.

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SURVEY

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.
DINO 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

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

[redacted]

HALLAND 1928 was marked by a painted target substation placed on the light brown sand of a public beach. We used a white plastic target and painted it. No room was available for wing panels at this small beach.

CAPE FLORIDA OLD TOWER FINIAL 1883 was marked by a single white triangle. No room was available for wing panels.

CAUSEWAY 1934 was marked by a painted triangle placed on the west end of a bridge under construction. The bridge is real white and the color should show "like a light".

PAN AMERICAN 1935 was marked by 2 white triangles

HALLAND 1928 was marked by a painted target substation placed on the light brown sand of a public beach. We used a white plastic target and painted it. No room was available for wing panels at this small beach.

CAPE FLORIDA OLD TOWER FINIAL 1883 was marked by a single white triangle. No room was available for wing panels.

CAUSEWAY 1934 was marked by a painted triangle placed on the west end of a bridge under construction. The bridge is real white and the color should show "like a light".

PAN AMERICAN 1935 was marked by 2 white triangles placed on the lower level of the 3-level, flat-topped building, one on the east side and one on the south. They are approximately 18 to 20 feet above ground. Two triangles were used "to be sure".

BLACK POINT 3 and NARROW POINT are in the water and approximately 50 feet offshore. Triangles were built over the station marks and about 3 feet above estimated mean high-water level. 8-foot squares were used as wing panels believing these would withstand more wind. The Commander of ESSA 88 reported these targets in good condition at time of bridging photography, only one wing panel being damaged.

All targets were taken up after photography except the two in the water. All were found in good condition, although we had to make repairs to a few during the period they were on the ground due to wind damage. Only station CLOISTER was vandalized and it was not bothered after it was replaced. This is rather remarkable considering some of the locations.

USGS quad maps showing approximate locations of targets have been submitted.

We were advised by the Commander of aircraft that Line 30-1, Job PH-7113, was photographed February 24 and the other lines on both Jobs on March 8.

2. TIDE COORDINATED PHOTOGRAPHY

As directed by telephone, the following nine tide

stations were manned.

[redacted]

(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 with 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.

<u>High-water photography, March 2.</u>

(1) Line 30-1, based on LAKE WORTH PIER, was photographed at 1039 to 1055 hrs., when the gage reading was 4.2 feet. However, we were advised that parts of this line were re-photographed at approximately 1144 to 1149 hrs. in the Miami Beach area and at 1242 to 1245 hrs. in the Hollywood area. Tide was within tolerance at all times.

(2) A segment of line 30-1, based on ANDREWS AVENUE BRIDGE (as well as BAHIA MAR and FORT LAUDERDALE) was photographed at 1103 to 1106 hrs. with the camera end overlap setting at 80%.

(3) Line 30-2, based on BISCAYNE BAY, MIAMI and BISCAYNE CREEK, NORTH MIAMI, was photographed at 1254 to 1300 hrs. when the BISCAYNE BAY, MIAMI reading was 4.6 ft. and the BISCAYNE CREEK staff read 5.6 ft.

(4) Line 30.3, based on the same stations, was photographed at 1305 to 1311 with the staff readings unchanged from line 30-2.

(5) Line 30-4, based on BISCAYNE BAY, MIAMI and BISCAYNE BAY, CUTLER, was photographed at 1319 to 1325, when the MIAMI staff read 4.5 and CUTLER read 4.8 ft.

This ends the high-water photography.

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 POMPANO 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
Miami Harbor Area
Fort Lauderdale to Key Biscayne, Florida
PH-7113
June 30, 1976

21. Area Covered

This report covers the area along the east coast of Florida from Ft. Lauderdale to Key Biscayne, and is covered by six 1:10,000 scale sheets TP-00419, TP-00420, and TP-00422 thru TP-00425 and Chart 547.

22. Method

Two strips of 1:30,000 scale black-and-white photography were bridged by analytic aerotrinagulation methods to control two strips of 1:10,000 and four strips of 1:15,000 scale color photography. The two strips of 1:30,000 scale black-and-white photography were controlled by field identified control paneled in 1975. Old control, which was office identified, was floated for checks. Ties were made between all strips. The attached sketch shows the flight lines of all the strips and the placement of field identified control. This job was adjusted on the old control.

Positions were determined for field identified, nonfloating aids to navigation. Positions for key landmarks (determined by previous surveys) were also checked and positioned during bridging operations.

Common points were transferred from the previous survey to this survey by the compilation section. Strip number one checked in excellent with the previous survey but strip two in the adjustment ranged from 0 to 10 feet in checking with this survey. The compilation section also tied the two 1:60,000 scale photographs to the bridging photography. Data were furnished to the compilation section for plotting in the Florida East Zone.

23. Adequacy of Control

The control was adequate.

24. Supplemental Data

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

25. Photography

The photography was adequate as to coverage and overlap, and definition for bridging operations. It may be necessary for the compilation section to have the photo lab remake some of the color photography because of its poor quality.

Respectfully submitted,

Ivey O. Raborn, Jr.

Ivey O. Raborn, Jr.

Approved and Forwarded:

John D. Perrow, Jr.

John D. Perrow, Jr.
Chief, Aerotriangulation Section

LIST AND ACCURACY OF CONTROL USED IN STRIP ADJUSTMENT

	POINT	X - Error	Y - Error
STRIP #1	103101	- 0.7	0
	103102	- 0.4	- 0.5
	106110	+ 2.0	+ 2.0
	108101	+ 1.0	- 0.6
	108102	+ 1.7	- 1.0
	111111	+ 2.5	- 1.3
	111112	+ 2.8	+ 1.3
	111113	0	+ 2.0
	111114	0	+ 0.5
	111101	- 0.6	+ 0.8
	111110	0	+ 1.3
	111115	- 1.0	+ 2.9
	111116	0	- 0.8
	115100	0	- 0.3
	115101	0	- 1.2
	115102	+ 1.6	+ 2.0
STRIP #2	202100	0	0
	202101	- 1.0	+ 1.0
	202100	- 0.7	0
	202101	- 1.2	+ 0.7
	205110	0	+ 1.0
	115100	- 0.8	- 0.4
	115101	0	- 0.9
	115102	+ 1.0	+ 0.5
	210110	+ 2.6	+ 1.4
	502110	- 5.0	+ 3.7
	405110	+ 0.5	- 0.7
	406110	+ 1.8	- 1.2
	407100	- 0.5	+ 0.3
	407110	0	+ 0.4
	408100	- 1.0	+ 0.5
	508110	+ 1.5	- 1.0
	407111	0	- 0.4
	220101	+ 0.3	- 0.3

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,

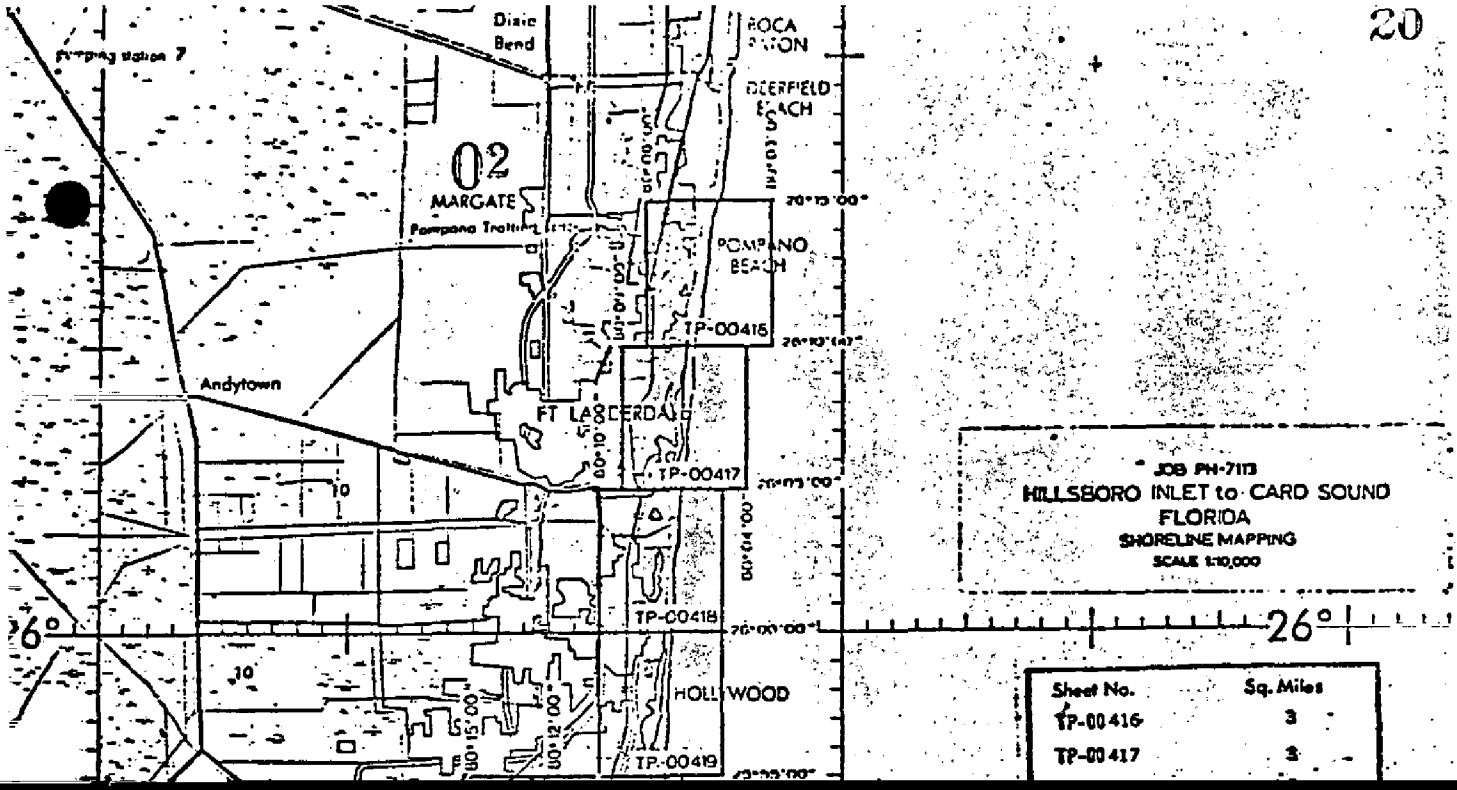
Ivey O. Raborn

Ivey O. Raborn

Approved and Forwarded:

John D. Reeves Jr

Chief, Aerotriangulation Section


Pumping station 7
Dixie Bend
BOCA RATON
DEERFIELD BEACH
02
MARGATE
Pompano Trotting
POMPANO BEACH
TP-00416
Andytown
FT LAUDERDALE
TP-00417
10
TP-00418
HOLLYWOOD
TP-00419
80°10'00"
80°04'00"
80°00'00"
26°15'00"
26°10'00"
26°05'00"
26°00'00"
26°
JOB PH-7113
HILLSBORO INLET to CARD SOUND
FLORIDA
SHORELINE MAPPING
SCALE 1:10,000
Sheet No.
Sq. Miles
TP-00416
3
TP-00417
3

[redacted]

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
(2) Miami to Mangrove Point, Florida
(3) Hollywood to Miami Beach, Florida

22. Method

Eleven (11) strips of photography were bridged using aerotriangulation methods. Tie points were made between strip No. 1 of PH-7113 and strip No. 2 of the Jupiter Inlet to Hillsboro Inlet, Florida report to the north of this area.

Due to the placement of control in relation to flight lines and due to large areas of water coverage, two block adjustments were made. Strip No. 2, No. 3, and No. 4 comprised one block. Strip No. 7, No. 9, No. 10, and No. 11 comprised the other block. Attached is a sketch showing the location of the strips and the blocks.

Image points were located to rectify photographs for orthophoto, nautical, and small craft charts. All points were drilled by the PUG method. Closure to control has been noted on the read-outs. A sketch is attached which shows the control used in the strip and block adjustments. All points were plotted on the Florida East Zone Plane Coordinate System using the Coradomat Plotter or the Calcomp Plotter.

6

CONTROL STATIONS

			residuals	
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, 1849	-0.158	0.033
9.	(201101)	Cape Florida Old Tower Finial, subpoint A	-0.156	0.002
10.	(538102)	Pan American, 1935, Target 2	0.000	0.000
11.	(534101)	Naco 1934, subpoint A	0.000	0.000
12.	(544801)	Tie point from strip #5 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, 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-station	-0.215	-0.201
19.	(878101)	Irving, 1971, substation	0.687	-0.080
20.	(875102)	Mangrove (USE), 1930, subpoint B	-0.826	0.125
21.	(872101)	Sands Cut RM 2, 1849-1947 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 substation **		
28.	(923101)	Sub Station Key Largo Cable Visions Inc., Taller Mast, 1961 **		
29.	(924100)	Largo, 1962	-0.210	0.103

7

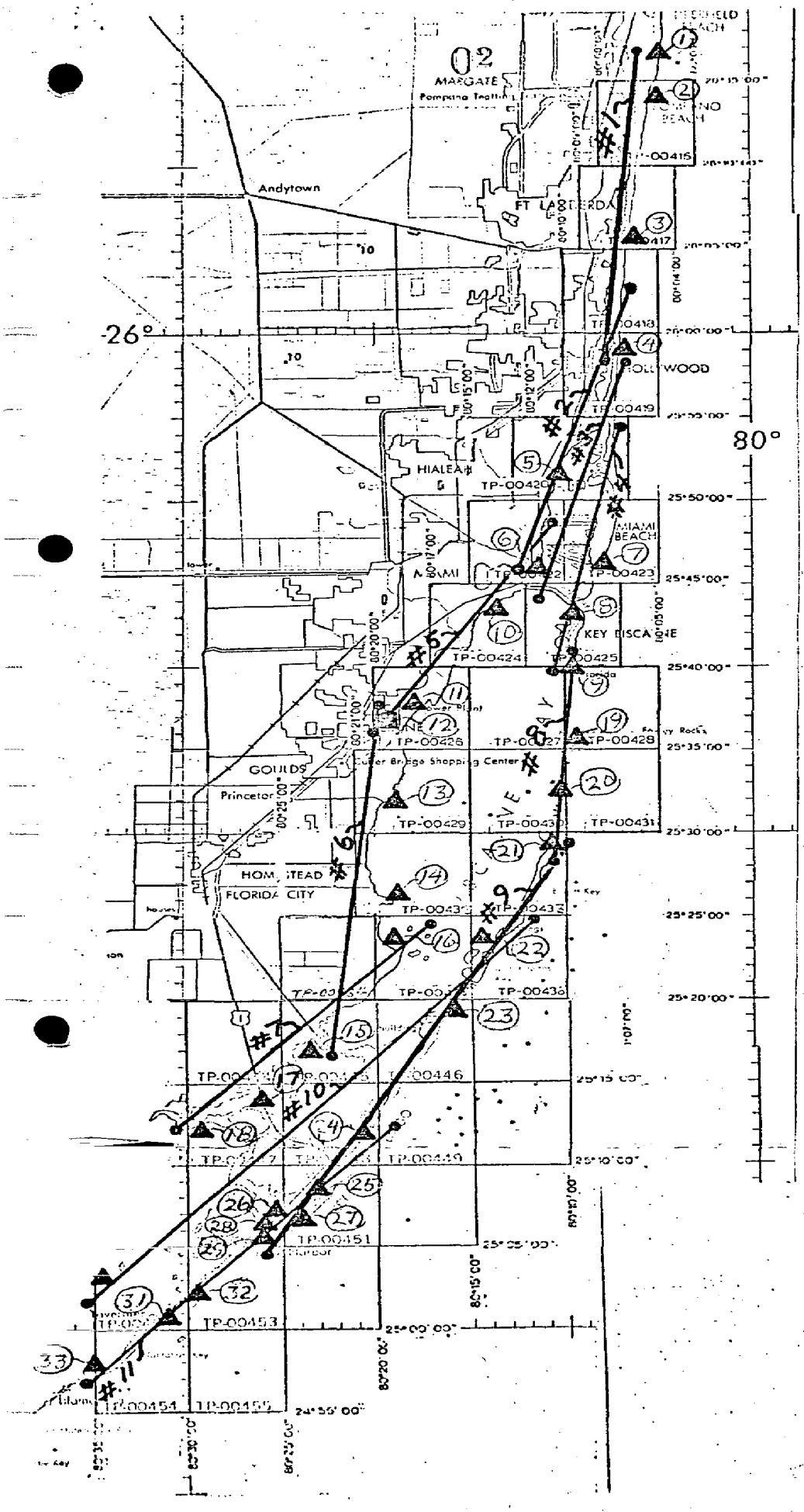
30.	(967101)	Low 2, RM 2, 1934	0.042	0.215
31.	(692100)	Tavernier, 1935	0.308	-1.325
32.	(793101)	Planter 2, RM 4	-1.476	1.087
33.	(695101)	Snake, 1934, subpoint	0.128	0.174

** means not used in adjustments

8

INFRA-RED CONTACT PRINTS

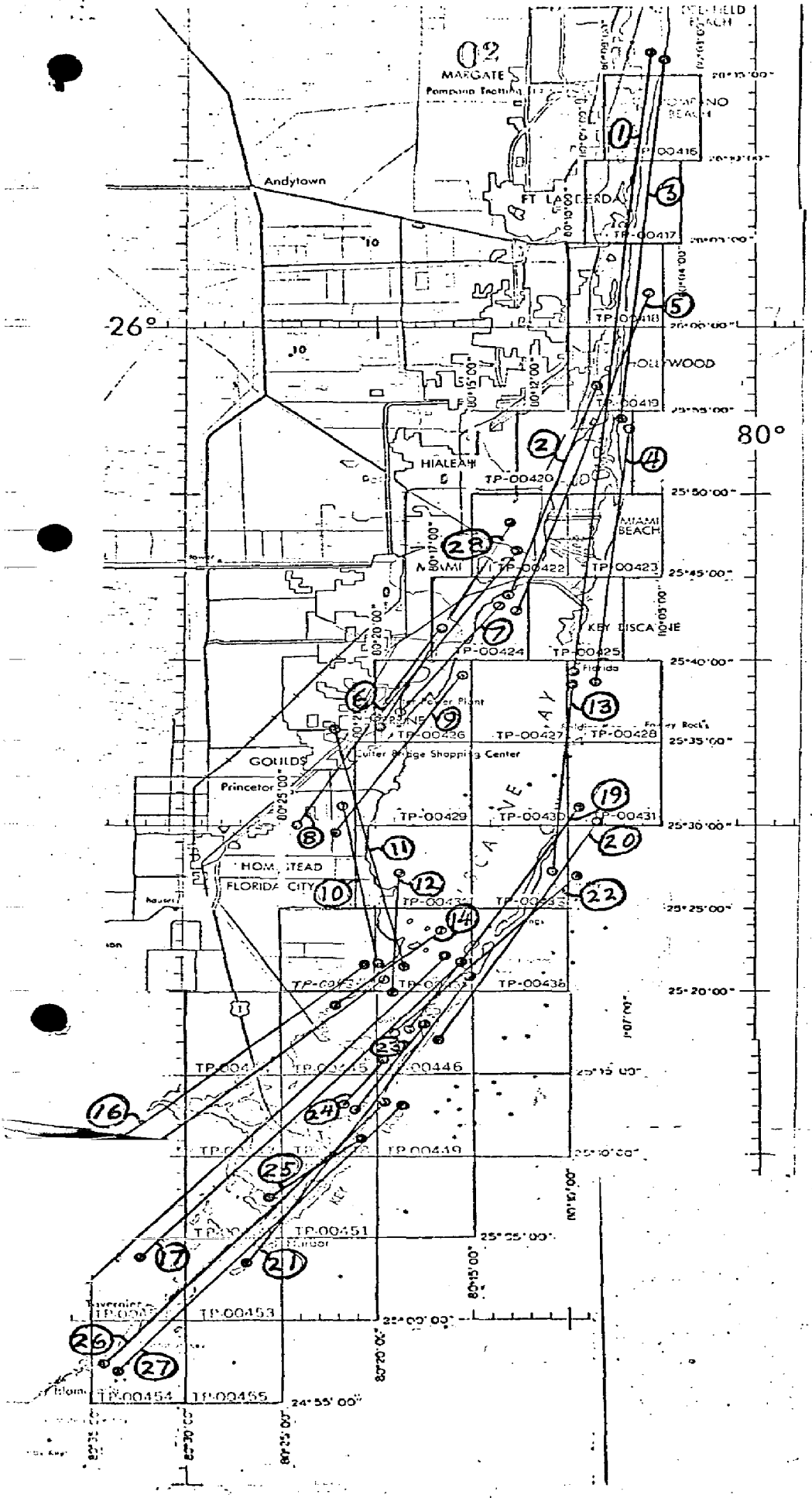
1. 71K 5632R - 5660R MLW
2. 71K 5662R - 5672R MLW
3. 71K 5750R - 5766R MHW
4. 71K 5795R - 5806R MHW
5. 71K 5815R - 5829R MHW
6. 71L 8501R - 8509R MLW
7. 71L 8512R - 8520R MLW
8. 71L 8571R - 8580R MHW
9. 71L 8523R - 8530R MLW
10. 71L 8783R - 8791R MHW
11. 71L 8584R - 8593R MHW
12. 71L 8532R - 8537R MLW
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



JOB PH-7113
AND
JOB PH-7119

HILLSBORO INLET
TO
PLANTATION KEY,
FLORIDA

CONTROL STATIONS
USED IN THE
ADJUSTMENTS



JOB PH-7113
AND
JOB PH-7119

HILLSBORO INLET
TO
PLANTATION KEY,
FLORIDA

INFRA-RED CONTACT
PRINTS RATIOED FOR
COMPILATION

FLORIDA– NOAA Coastal Boundary Mapping Program

Horizontal Control

Map TP–00422

Station	NOS Geodetic Data Reference for Description, Positions, Coordinates and Azimuths
CONGRESS, 1934	Book 423, P9, 18 G.P.-Fla. Vol. 1, P. 136, P.C. Fla. E Zone, P. 13
FIRE, 1935	Book 423, P8, G.P.-Fla. Vol. 1, P. 451, P.C. Fla.E Zone, P. 118
MIAMI-BEVERLY TERRACE HOTEL, CUPOLA, 1935	Book 423, P8, 21 G.P.-Fla. Vol. 1, P. 463, P.C. Fla. E Zone, P. 122 (Now the United Methodist Church Retirement Home Day Care Center)
MIAMI, CITY ICE COMPANY ALUMINUM STACK, 1935	Book 423, P12, G.P.-Fla. Vol. 1, P. 461, P.C. Fla. E Zone, P. 122 (Now the National Brewery)
MIAMI, COURTHOUSE, 1928	Florida Vol. II G.P. & P.C. Page 563
MIAMI EVERGLADES HOTEL TOWER, 1928	Book 423, P10, G.P.-Fla. Vol. 1, P. 380, P.C. Fla. E Zone, P. 97
MIAMI NEWS TOWER, 1928	Book 423, P9, 26 G.P.-Fla. Vol. 1, P. 456, P.C. Fla. E Zone, P. 129 (Now the Freedom Tower, Cuban Refugee Center)
MIAMI - ROOSEVELT HOTEL YELLOW CHIMNEY, 1935	Book 423, P9, 21 G.P.-Fla. Vol. 1, P. 462, P.C. Fla. E Zone, P. 122 (Now the Lindsey Hopkins Vocational Educ. Center)
MIAMI,SEARS ROEBUCK CO TOWER, 1934	Book 423, P9, 21 G.P.-Fla. Vol. 1, P. 456, P.C. Fla. E Zone, P. 120
MIAMI,TEMPLE BAPTIST CHURCH, DOME, 1935	Book 423, P12, 22 G.P.-Fla. Vol. 1, P. 460, P.C. Fla. E Zone, P. 121
MIAMI HIGH SCHOOL EAST FLAGPOLE, 1935	
LIBRARY, 1934	

FLORIDA – NOAA Coastal Boundary Mapping Program

Vertical Control – Geodetic Map TP – 00422

Geodetic Bench Mark	Elevations (feet) SLD 1929	Condensed Description
N 1 (FGS)		Fla. Geod. Sur. disk stamped N 1; 1.5 ft. W of S-bound lane centerline, 0.2 ft. below level of Blvd.
RIVET		A 1 in. brass rivet; 6.2 ft. W of W curb, 3.2 ft. S of N end of guard rail.
MH 16 (USE)		USE disk stamped MH 16 1962 JAX. FLA; set in top of bulkhead, 6 ft. W of E end of bkhd.
M 119		C&GS disk stamped M 119 1965; at the W edge of sidewalk, 5.2 ft. W of W curb, 6.5 ft. E-SE of 3 in. metal post supporting traffic control box. Note: 119 is the only thing readable on disk.
B 243		C&GS disk stamped B 243 1965; set in top & center of a 4x4 ft. concrete sq. block, 42 ft. NW of N corner of 3 story warehouse.
D 243		C&GS disk stamped D 243 1965; 25.5 ft. W of centerline, 4.8 ft. N of fence post.
D 269		C&GS disk stamped D 269 1966; set vertically in SW face of SW leg of 1st concrete pier NW of the track.

COMPILATION REPORT
TP-00422

JULY 1973

This report will detail the methods used to compile TP-00422.

Due to the unusual problems encountered in the bridging and compilation of this map, an accounting is submitted with this report for the record.

Bridging photography and tide-coordinated infrared photography was originally flown in 1971. An orthophotomosaic was prepared from the color photography taken in March 1971 and a manuscript was compiled in July 1973 utilizing all 1971 photography available. During compilation, a strip of photography was flown on the 16th of June 1973. This was processed and one photo, 73-E(C) 9040, was used to update the compilation and mosaic as discussed in item 35 of this report. As this photography was color infrared, difficulty was encountered in achieving a tone match with the 1971 photography.

The manuscript was sent for field edit in July 1973 and returned with edit in September 1973.

All progress on PH-7113 was halted, pending a decision on a datum adjustment of horizontal control by Geodesy (see plot report dated July 1974).

With this delay, it was apparent that cultural shoreline changes and the relocation of fixed aids to navigation might make this map manuscript obsolete before it could be published.

The following report is for the compilation that was completed in July 1973.

31. Delineation

Features delineated were the MHWL, MLWL, identifiable landmarks and aids, applicable foreshore and alongshore man made features. Features behind the shoreline are depicted by the orthophotomosaic. Sufficient detail was compiled from the bridging photography to control the ratio infrared MHW and MLW tide-coordinated photography.

Due to the importance of proper interpretation and symbolization, all shoreline is to be field edited.

32. Control

Horizontal control was adequate. (See Photogrammetric Plot Report.)

33. Supplemental Data: None

34. Contours and Drainage

Contours are inapplicable. Drainage is depicted by the orthophotomosaic.

35. Shoreline and Alongshore Details

The Biscayne Bay shoreline and offshore islands were delineated from office interpretation of the tide-coordinated indrared MHWL and MLWL ratio photographs listed on Compilation Sources Form 76-36b. In areas where the shoreline was difficult to interpret, contact color photographs 71-E-9563 through 9565 were viewed stereoscopically, for verification of compiled features.

The orthophotomosaic was updated at Claughton Island (25°46'00" and 80°11'00") and on the bulkhead shoreline SW of Claughton Island (25° 45'10" and 80°11'45") using 1973 photography. Photograph 73-E-9040R was rectified, and the appropriate areas spliced into the continual tone, and a new half tone made. This process was necessary to depict a newly constructed bulkhead shoreline on Claughton Island, a fixed bridge connecting the island with the mainland to the west, (Brickell Park) and two newly constructed bulkheads and filled-in land (southwest of Claughton Island).

36. Offshore Details

Not applicable.

37. Landmarks and Aids to Navigation

Seven landmarks were plotted from Geodetic control. Additional landmarks: landmark buildings, and all aids to navigation will be located during field edit.

38. Control for Future Surveys: None

39. Junctions

North, TP-00420; south, TP-00424 and TP-00425; east, TP-00423; west, no contemporary survey.

40. Horizontal and Vertical Accuracy

Complies with the accuracy requirements for the Florida Coastal Zone Mapping Program.

41. thru 45. Inapplicable.

46. Comparison with Existing Maps

Comparison was made with the following USGS quadrangle:

Miami, Florida, scale 1:24,000, 1962 photo revised 1969.

Significant differences were found at Claughton Island (previously known as Burlingame I.)

47. Comparison with Nautical Charts

Comparison was made with the following:

847-SC, scale 1:40,000, 11th Edition, dated August 1972
547, scale 1:10,000, 13th Edition, dated November 1972
NC-1248, scale 1:80,000, 14th Edition, dated October 1972.

Significant differences were noted at Claughton I. on Chart 847-SC. (Chart 547 showed the correct delineation of Claughton I., although the bridge to the mainland, Brickell Park, was shown to be under construction.)

Items to be applied to nautical charts immediately: Those changes made on the orthophotomosaic, previously discussed under Item 35.

Items to be carried forward: None.

Submitted by:

C. F. Lewis

Approved and forwarded by:

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

TP-00422
Addendum to Compilation Report

February 1977

TP-00422 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 bridg-

Field Edit Report, Map TP-00422, Job PH-7113

51. METHODS

The shorelines of Biscayne Bay and Miami River were verified visually from a small boat while cruising just offshore. Notes regarding apparent and fast shoreline, piers and other shoreline features were made on the photographs. The unlabeled areas are bulkheaded since this was the prominent feature.

In the area from Miami River, south, notes will be found on the discrepancy print referring to the 1973 photographs. A call to the Rockville office stated that these features are on the 1973 photographs and to refer to them as such. The 1973 photographs were not available for field use.

Six landmarks are recommended for charting. One charted landmark is recommended for deletion because of the poor condition of the tank. Forms 76-40 are submitted.

Forms 76-40 are submitted for 48 nonfloating aids. Three of the aids were not in place at the time of survey. Fourty-three aids were located by sextant or theodolite. Two aids were photo-identified.

All bench marks were searched for as stated in the instruction, before the instructions were amended, and reported on form 76-89 and 685A. Seven bench marks were identified.

One tide gage, Miami Biscayne Bay, was identified on photograph 71E9585.

All triangulation stations plotted on the manuscript were searched for. Forms 526 are submitted for stations lost or destroyed, and for stations whose descriptions required modification.

A General Highway Map Dade County, Revised 9/71 obtained from the Florida State Road Department is submitted for road numbers for TP-00422 and TP-00423.

Field edit notes will be found on the Discrepancy Print, Field Edit Sheet and the photographs.

The low water was verified when the tide ranged from 0.3 to 0.6 above mean low water ~~the~~ of the Miami, Biscayne Bay, gage bench mark. Small changes and additions were made.

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 9/28/73

Robert R. Wagner
Chief, Photo Party 60

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 hunderd 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
Chief, Photo Party 66
3/30/76

Review Report
Coastal Zone Map TP-00422
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 Compilation Reports.

The Class III map for Coastal Zone Map TP-00422 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 - Georgraphic Names
Coastal Surveys - Horizontal and Vertical Control

62. Cartographic Comparison

Comparison was made with the following Geological Survey map and NOS charts:

Miami, Florida, 7.5 minutes, 1962 photo revised 1969

Significant differences covered in compilation report.

NOS chart 11467, 17th Edition, 7/8/78 - 1:40,000 scale

NOS chart 11468, 20th Edition, 3/17/79 - 1:10,000 scale

Coastal Zone Map TP-00425 shows no piling offshore from bulkhead.

The other significant differences are covered in the Compilation Report.

63. thru 65. - Inapplicable

66. Adequacy of Results and Future Surveys

Coastal Zone Map TP-00422 complies with the instructions for NOS Cooperative Coastal Boundary Mapping, Job PH-7000 and the National Standards of May Accuracy.

Submitted by,

Donald M. Brant

Approved and Forwarded:

Chief, Photogrammetric Branch

Chief, Photogrammetry Division

April 11, 1977

GEOGRAPHIC NAMES

FINAL NAME SHEETS

PH-7013 (Florida)

TP-00422

Allapattah

Bay Point

Bayshore

Biscayne Bay

Biscayne Island

Brickell Point

Buena Vista

Claughton Island

Edison Center

Florida East Coast (RR)

Lemon City

Miami

Miami River

Palm Island

Point View

Port of Miami (Dodge Island)

Sabal Lake

San Marco Island

Seaboard Coast Line (RR)

Seybold Canal

Shenandoah

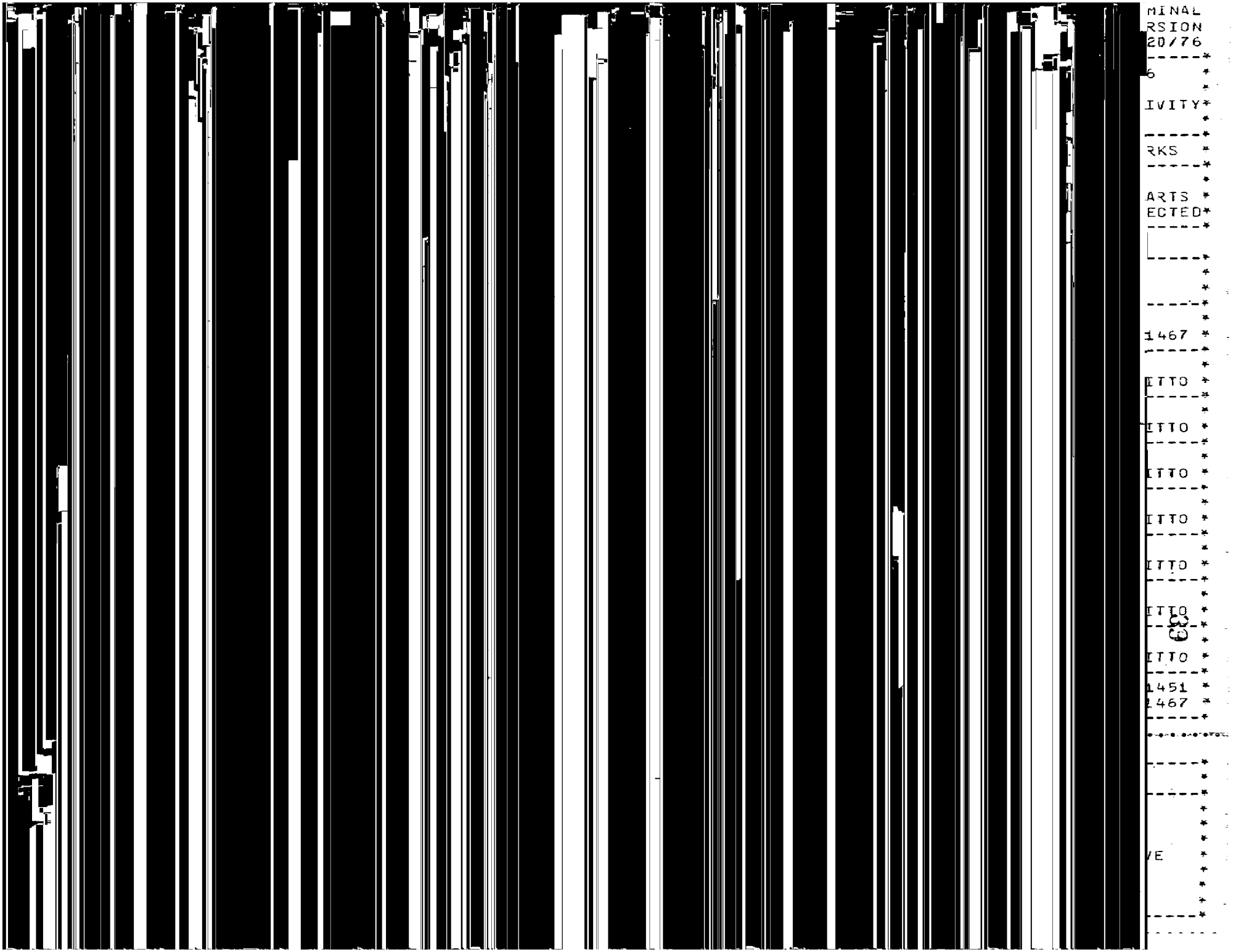
Venetian Islands

Wagner Creek

Watson Park

Prepared by:

Chas. E. Harrington
Staff Geographer


MINAL
RSION
20/76
6
IVITY
RKS
ARTS
ECTED
1467
ITTO
ITTO
ITTO
ITTO
ITTO
ITTO
1451
1467
VE

SVY TP-04422	NONFLOATING AIDS FOR CHARTS	RPT UNIT CMD ROCKVILLE, MD.	PAGE 2 OF 6	
JOB PH-7113	TO BE CHARTED	STATE FLORIDA		
PRJ 83205		LOCALITY MIAMI	ORIGINATING ACTIVITY	
DTM NA 1927		DATE 05/16/77	COMPILATION	

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

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CODES C-C SEQ	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
DYBN 44	NOT IN PLACE ON 3/25/76 BISCAYNE BAY	00 00 00.00 00 00 00.00	0.0 0.0	NOT DGTZD			11451 11467 11468
LIGHT 45	BISCAYNE BAY	25 47 46.55 80 10 46.83	1432.4 1304.6	NOT DGTZD		P-5 11/24/75 75BC8171	DITTO
DYBN 46	NOT IN PLACE ON 3/25/76 AND NOT ON PHOTO BISCAYNE BAY	00 00 00.00 00 00 00.00	0.0 0.0	NOT DGTZD			DITTO
DYBN 47	BISCAYNE BAY	25 47 33.19 80 10 52.02	1021.3 1449.3	NOT DGTZD		P-5 11/24/75 75BC8173	DITTO
LIGHT 48	DITTO	25 47 33.22 80 10 55.09	1022.3 1534.8	NOT DGTZD		DITTO	DITTO
LIGHT 26	MIAMI MAIN CHANNEL	25 47 10.66 80 10 53.73	309.6 1497.0	NOT DGTZD		DITTO	DITTO
LIGHT 50	BISCAYNE BAY	25 46 52.73 80 10 53.60	1622.6 1493.4	NOT DGTZD		P-5 11/24/75 75BC8175	DITTO
LIGHT 53	DITTO	25 46 37.86 80 10 58.46	1165.0 1628.9	NOT DGTZD		DITTO	DITTO
N PIER LIGHT	MIAMARINA NORTH PIER LIGHT	25 46 42.09 80 11 00.76	1295.2 21.2	NOT DGTZD		P-5 11/24/75 75BC8173	DITTO
S PIER LIGHT	MIAMARINA SOUTH PIER LIGHT	25 46 35.70 80 11 04.10	1098.6 114.2	NOT DGTZD		DITTO	DITTO

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

SVY IP-00422 | JOB PH-7113 | PRJ 833205 | DTM NA 1927

NONFLOATING AIDS FOR CHARTS TO BE CHARTED

RPT UNIT CMD ROCKVILLE, MD. | STATE FLORIDA | LOCALITY MIAMI | DATE 05/16/77

ORIGINATING ACTIVITY COMPILATION

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

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM OP	CODES C-C SEQ	METHOD AND DATE OF LOCATION OFFICE	METHOD AND DATE OF LOCATION FIELD	CHARTS AFFECTED
LIGHT 55	BISCAYNE BAY	25 46 23.51 80 10 59.24	723.5 1650.7	NOT DGTZD		P-5 11/24/75 75BC8175	11451 11467 11468
DYBN 1	MIAMI RIVER CHANNEL	25 46 14.59 80 11 03.79	449.0 105.6	NOT DGTZD		DITTO	DITTO
DYBN 57	BISCAYNE BAY	25 46 16.52 80 10 55.91	508.4 1557.9	NOT DGTZD		P-5 11/24/75 75BC8187	DITTO
LIGHT 59	DITTO	25 46 11.72 80 10 55.18	360.6 1537.6	NOT DGTZD		DITTO	DITTO
DYBN 61	DITTO	25 45 54.16 80 10 58.53	1666.6 1631.0	NOT DGTZD		P-5 11/24/75 75BC8177	DITTO
DYBN 1	BURLINGAME CHANNEL	25 45 45.32 80 11 07.90	1394.6 220.1	NOT DGTZD		P-5 11/24/75 75BC8178	DITTO
DYBN 2	DITTO	25 45 46.45 80 11 05.75	1429.4 160.2	NOT DGTZD		DITTO	DITTO
DYBN 3	DITTO	25 46 02.40 80 11 16.71	73.9 465.6	NOT DGTZD		P-5 11/24/75 75BC8176	DITTO
LIGHT 63	BISCAYNE BAY	25 45 46.61 80 11 04.31	1249.7 120.1	NOT DGTZD		P-5 11/24/75 75BC8178	DITTO
LIGHT 64	DITTO	25 45 35.82 80 11 07.20	1102.3 200.6	NOT DGTZD		DITTO	DITTO

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

SVY TP-00422		RPT UNIT CMD ROCKVILLE, MD.	PAGE 4 OF 6	
JOB PH-7113	NONFLOATING AIDS FOR CHARTS	STATE FLORIDA		
PRJ 833205	TO BE CHARTED	LOCALITY MIAMI	ORIGINATING ACTIVITY	
DTM NA 1927		DATE 05/16/77	COMPILATION	

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

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CODES C-C SEQ	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
DYBN 65	BISCAYNE BAY	25 45 24.03 80 11 03.50	739.5 97.5	NOT DGTZD		P-5 11/24/75 75BC8178	11451 11467 11468
LIGHT 67	DITTO	25 45 08.49 80 11 03.60	260.9 83.6	NOT DGTZD		DITTO DITTO	DITTO
	MIAMI HARBOR						
LIGHT 22	MIAMI MAIN CHANNEL	25 47 06.80 80 10 46.74	24.6 1302.3	NOT DGTZD		P-5 11/24/75 75BC8173	DITTO
DYBN 1	MUNICIPAL WHARF	25 47 01.62 80 10 45.03	49.9 1254.6	NOT DGTZD		DITTO DITTO	DITTO
DYBN 3	DITTO	25 47 08.41 80 10 46.91	258.8 1307.0	NOT DGTZD		DITTO DITTO	DITTO
DYBN 6	FISHERMANS CHANNEL	25 45 56.08 80 10 00.01	1725.7 .3	NOT DGTZD		P-5 11/22/75 75BC7927	DITTO
DYBN 9	DITTO	25 45 54.31 80 10 09.86	1671.2 274.8	NOT DGTZD		P-L-4-8 03/25/76	DITTO
DYBN 11	DITTO	25 45 55.39 80 10 12.34	1704.5 343.9	NOT DGTZD		P-5 11/24/75 75BC8189	DITTO
DYBN 12	DITTO	25 46 03.16 80 10 24.18	97.2 673.8	NOT DGTZD		DITTO DITTO	DITTO

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

SVY TP-00422	NONFLOATING AIDS FOR CHARTS TO BE CHARTED	RPT UNIT CMD ROCKVILLE, MD.	PAGE 5 OF 6	
JOB PH-7113		STATE FLORIDA		
PRJ 833205		LOCALITY MIAMI	ORIGINATING ACTIVITY	
DTM NA 1927		DATE 05/16/77	COMPILATION	

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

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CODES C-C SEQ	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
DY8N 13	MIAMI HARBOR FISHERMANS CHANNEL	25 46 16.14 80 10 43.95	312.0 1224.7	NOT DGTZD		P-5 11/24/75 75BC8187	11451 11467 11468
DY8N 15	DITTO	25 46 18.41 80 10 53.48	566.5 1496.2	NOT DGTZD		P-5 11/24/75 75BC8187	DITTO
DY8N 21	DODGE ISLAND CHANNEL	25 46 09.83 80 10 12.54	302.5 349.4	NOT DGTZD		P-L-4-8 05/25/76	DITTO
DY8N 23	DITTO	25 46 15.34 80 10 24.43	472.0 680.7	NOT DGTZD		P-5 11/24/75 75BC8187	DITTO
DY8N 25	DITTO	25 46 21.27 80 10 37.28	654.5 1038.8	NOT DGTZD		DITTO	DITTO
DY8N 27	DITTO	25 46 21.39 80 10 45.05	658.2 1255.3	NOT DGTZD		DITTO	DITTO

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

SVY TP-00422	LANDMARKS FOR CHARTS TO BE CHARTED	RPT UNIT CMD ROCKVILLE, MD.	PAGE 6 OF 6
JOB PH-7113		STATE FLORIDA	
PRJ 833205		LOCALITY MIAMI	ORIGINATING ACTIVITY
DTM NA 1927		DATE 05/16/77	COMPILATION

THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE DM LONGITUDE DP	CODES C-C SEQ	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
	THE POSITIONS FOR THE FOLLOWING LANDMARKS, THAT ARE PUBLISHED TRIANGULATION STATIONS, WERE ERRONEOUSLY SUBMITTED IN APRIL 1975 WITH DIGITIZED VALUES.					
TOWER	(MIAMI, SEARS ROEBUCK CO. TOWER, 1934) HT=115(120)	25 47 13.02 400.7 80 11 22.61 629.9	NOT DGTZD	TRIANG REC 11/24/75		11451 11467 11468
TOWER	(MIAMI, NEWS TOWER, 1926) HT=257(262)	25 46 47.60 1464.8 80 11 23.09 643.3	NOT DGTZD	DITTO		DITTO
TOWER	(MIAMI, EVERGLADES HOTEL TOWER, 1928) HT=305(313)	25 46 35.96 1106.6 80 11 20.08 559.5	NOT DGTZD	DITTO		DITTO
TOWER	(MIAMI, COURTHOUSE TOWER, 1926) HT=348(354)	25 46 27.10 833.9 80 11 43.38 1208.7	NOT DGTZD	DITTO		DITTO
	THE FOLLOWING WERE POSITIONED BY AEROTRIANGULATION ANALYTIC BRIDGE.					
TOWER	RADIO STATION WQAM TOWER HT=385	25 47 18.70 575.4 80 11 36.08 169.4	NOT DGTZD	75BC8171 11/24/75		DITTO
TOWER	RADIO STATION WOCN TOWER HT=310(316)	25 46 09.82 302.2 80 11 54.38 1515.3	NOT DGTZD	75BC8175 11/24/75		DITTO

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	FIELD REPRESENTATIVE
	JOHN W. MCCLURE	OFFICE COMPILER
	N/A	DIGITIZER
	JAMES H. TAYLOR	DATA PROCESSER

NATIONAL ARCHIVES DATA

TP-00422

1 Discrepancy (paper copy)

1 Field edit sheet (stable base copy)

1 Form 76-36C

7 Forms 76-40 (working copies)

Portions of field photographs:

71-E-9563
9565
9585

pages from sketch book