

Original

TP-00147

TP-00147

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-6910..... Map No. TP-00147...

Classification No. Final Edition No. ..1.....

Field edited map

LOCALITY

State Florida

General Locality ... Brevard County

Locality ... Mullet Creek

19 70 TO 1971

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Rockville, Maryland		SURVEY TP-00147 MAP EDITION NO. (1) MAP CLASS Final JOB PH-6910	
OFFICER-IN-CHARGE Commander Wesley V. Hull		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH- MAP CLASS SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE General Instructions-OFFICE-NOS Cooperative Coastal Boundary Mapping, Job PH-7000, 6/19/73 OFFICE-Supplement I, 8/19/73 NOTE: Office and Field Edit Instructions (1973) incorporate applicable, prior operational instructions.		2. FIELD Aerial Photography, 9/2/69 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			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Transverse Mercator		4. GRID(S) STATE ZONE Florida East	
5. SCALE 1:10,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY		I.I. Saperstein	12/70
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat PLOTTED BY CHECKED BY		P.J. Dempsey Inapplicable	1/71
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: B-8 SCALE: 1:10,000 PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY		M.C. Webber J.C. Richter Inapplicable	3/71 3/71
4. MANUSCRIPT DELINEATION Shoreline: Graphic METHOD: Interior: Orthophoto mosaic SCALE: 1:10,000 PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY HYDRO-SUPPORT DATA BY CHECKED BY		M. C. Webber J.C. Richter Inapplicable J. Taylor J.P. Battley	3/71 3/71 Inapplicable 4/71 4/71
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		J.P. Battley	5/71
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		J.C. Richter M.C. Webber	7/71 7/71
7. COMPILATION SECTION REVIEW BY		P.J. Dempsey	10/71
8. FINAL REVIEW BY		J.P. Battley	11/71
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		D. Brant	6/74
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		R. J. Bata	8-12-74

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

TP-00147

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8

E&L 6" focal length

TIDE STAGE REFERENCE

☐ PREDICTED TIDES☐ REFERENCE STATION RECORDS☒ TIDE CONTROLLED PHOTOGRAPHYTYPES OF PHOTOGRAPHY
LEGEND

(C) COLOR

(P) PANCHROMATIC

(I) INFRARED B&W

TIME REFERENCE

ZONE

Eastern

☒ STANDARD

MERIDIAN

60th&75th

☒ DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
70L(C)5785-5786	2/10/70	13:43	1:40,000	The stage of tide is inapplicable for color photography +0.13MHW(1)-0.23MHW(2) -0.08MLW(3)
70L6890R-6891R	8/14/70	17:33	1:25,000	
70L6400R-6401R	8/12/70	11:15	1:25,000	

REMARKS (1) Canova Beach Tide Station (2) Sebastian Indian River Tide Station (3) Vero Beach Tide Station

2. SOURCE OF MEAN HIGH-WATER LINE:

The source and date of the mean high-water line is the tide-coordinated black and white infrared photography listed in item 1. Foreshore profiles verified the mean high-water line along the Atlantic shore. The shoreline was field edited in 1971.

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

The source and date of the mean low-water line (along the Atlantic shore) is the tide coordinated black and white infrared photography listed in item 1. Foreshore profiles determined by the field edit of 1971 verified the mean low-water line on the photographs. There is no mean low-water line shown on the interior waters of Mullet Creek.

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
Atlantic Ocean	Atlantic Ocean	TP-00149	TP-00146

REMARKS

Final junctions were made in the Coastal Mapping Section.

HISTORY OF FIELD OPERATIONS.

TP-00147

I. ☒ FIELD INSPECTION OPERATION *See below ☒ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	W.H. Shearouse	5/71
2. HORIZONTAL CONTROL	RECOVERED BY None ESTABLISHED BY N.A. PRE-MARKED OR IDENTIFIED BY N.A.	
3. VERTICAL CONTROL	RECOVERED BY W.H. Shearouse ESTABLISHED BY N.A. PRE-MARKED OR IDENTIFIED BY W.H. Shearouse	5/71 5/71
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None LOCATED (Field Methods) BY None IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	W.H. Shearouse 5/71
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY W.H. Shearouse	5/71
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
	Refer to the Field Report	5785	P304,N304,A305

3. PHOTO NUMBERS (Clarification of details)

5785

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

There are no nonfloating aids or landmarks to charts

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

* See Field Report bound with this report.

TP-00147

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
No map copies furnished for Nautical Chart use prior to final review.				

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
	There are no nonfloating aids or landmarks for charts.		

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

III. FEDERAL RECORDS CENTER DATA

1. ☒ 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 TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

5

Record of Decisions
Pertaining to Symbolization of the MHW and MLW Datums
Map TP-00147

Shoreline Delineation

The mean low-water and mean high-water datums were determined along the outer coast (Atlantic Ocean) from tide observations at Canova Beach Tide Station (north of this map) and Vero Beach Tide Station (south of this map). The interior water area shown on this map is Mullet Creek.

The tidal datum in Mullet Creek was established from observations at Palm Bay Tide Station (north of this map) and at Micco Tide Station (south of this map). Since the mean range at those stations was approximately 0.2 foot, the standard mean high-water line symbolization was used for delineating the Mullet Creek mean high-water line, except for areas where vegetation, such as mangrove, obscured the shoreline, and then the apparent shoreline symbol was used. The mean low-water line was not mapped in this interior water area because Federal/State boundary problems are not applicable to it, and, for charting purposes, the lines would be synonymous because of the map scale and slope of the beach.

* Decision Responsibility for Shoreline Symbolization

Specific decisions as to where the various symbols would be used for mapping the mean high-water line, mean water-level line, apparent shoreline, etc., were made November 22, 1972, in Rockville, Maryland, by competent technical and legal officials of NOS and NOAA. NOS was officially represented by Cdr. Wesley V. Hull, Chief, Coastal Mapping Division, and Mr. Carroll I. Thuriow, Chief, Tidal Datum Planes Section of the Oceanographic Division. The official NOAA representative was Mr. Carl Johnson, Staff Attorney, Office of General Counsel.

They also examined photographs and field edit reports with respect to inland penetration of small streams and drainages and concluded that those features were properly delineated and symbolized on the map.

Archiving

A copy of this report shall be included in Descriptive Report TP-00147 which will be permanently filed in the NOS archives.

* See Review Report for clarification of date.

Sheet No. -Area Sq. Mi.

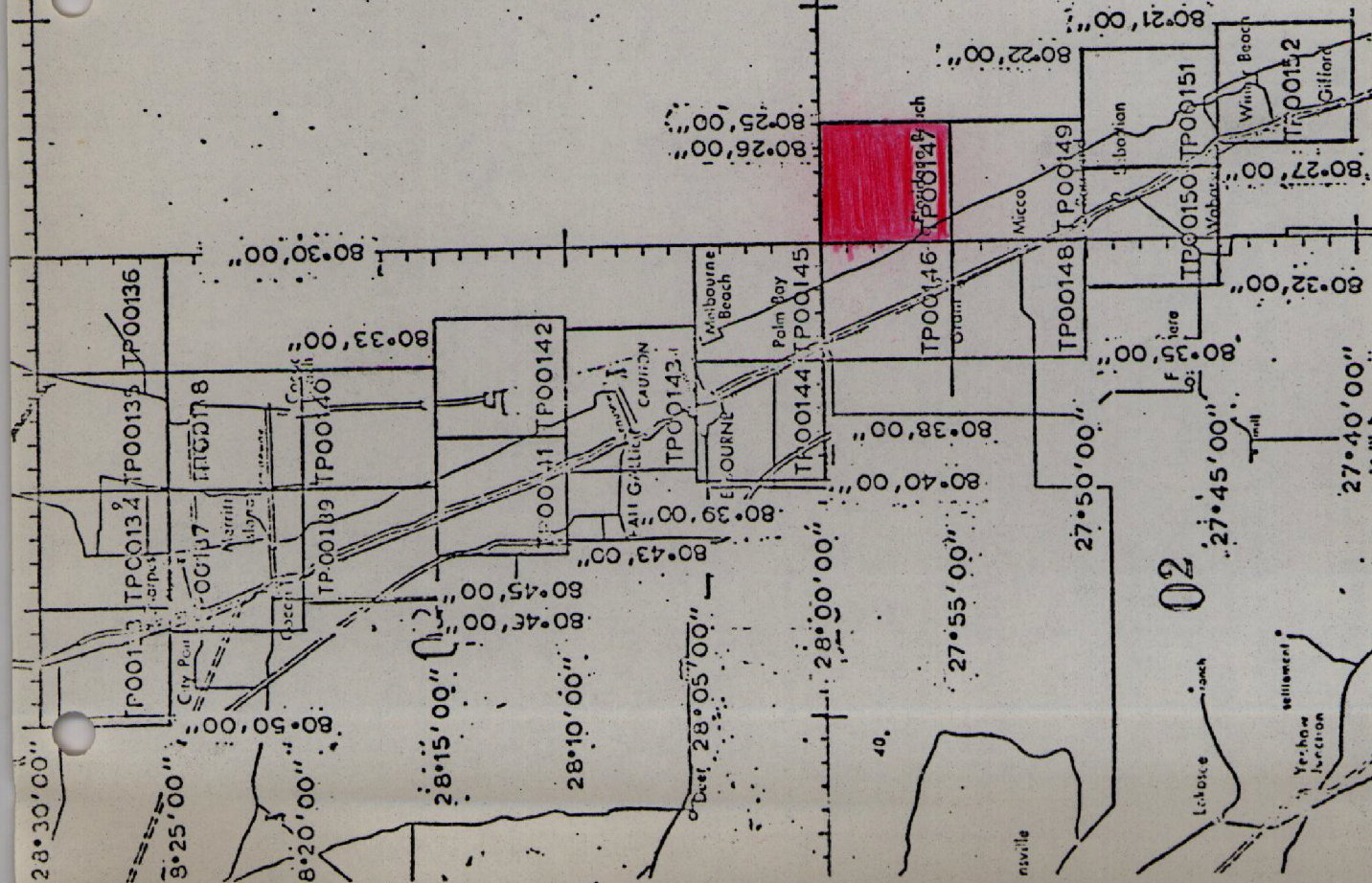
TP-00133
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00151
00152

JOB PH-6910

PART 1

CAPE KENNEDY TO JUPITER INLET
FLORIDA

SHORELINE MAPPING
SCALE 10,000



SUMMARY
TP-00133 thru TP-00152

Coastal Zone Map TP-001 47 is one of twenty (20) similar maps in project PH-6910, Part I. The layout of sheets (page 6 of this report) will show its location. These maps are intended for planning purposes by the State of Florida and for the compilation of NOS Nautical Charts.

The area is covered by aerial photography taken in 1969 and 1970 on color and black and white infrared film. The infrared film was tide coordinated.

Field operations consisted of the establishment of tidal datums, control recovery, pre-marking of control, and field edit. Data for the compilation of tide stations and tidal bench marks were furnished by the Tidal Datum Planes Section. Condensed descriptions of both tidal and geodetic bench marks shown on this map were furnished by the Coastal Surveys Section.

Horizontal control was extended by analytical aerotriangulation methods using the stereo comparator. This provided control for the orthophoto mosaic and compilation.

Shoreline and alongshore features were compiled from tide-coordinated black and white infrared photography using a stereo plotter and graphic methods. The interior of the maps are depicted by an orthophoto mosaic.

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

Explanatory notes relating to datum determinations approved by a special ad hoc committee are shown on the reverse side of the maps.

All maps are published by the NOS and were printed in three colors by the Reproduction Division. A special registration copy was prepared to meet the requirements for Nautical Charts. This registration copy shows additional offshore details not shown on the published map and will be noted "Registration Copy" under the title block.

The following items will be registered in the Bureau Archives:

1. A plastic copy of the published map (1:10,000 scale).
2. A stable base positive of the registration copy (1:10,000 scale).
3. The Descriptive Report.

All negatives will be filed with the Reproduction Division.

All field data such as Forms 152, field edit photographs, profiles, field edit ozalids, etc., are filed in the Federal Records Center.

FIELD REPORT
PREMARKING HORIZONTAL CONTROL
JOB PH-6910, CAPE KENNEDY TO JUPITER INLET, FLORIDA

In accordance with Instructions - FIELD - Supplement I, Job PH-6910; Coastal Boundary Mapping, Cape Kennedy to Jupiter Inlet, Florida, twenty-two horizontal control stations were recovered and paneled in accordance with practices in use at this time. All stations were premarked for 1:40,000 scale photography.

White polyethylene plastic sheeting was used for all but 2 stations. Sketches on the CSI cards show the pattern used in each instance but most stations were paneled with a 5-ft. square target placed directly over the station mark and 3 runner-type wing panels 3.5/4' X 20' approximating 120° angles around the square.

TRIPOD 3, 1963 and WHITE 2, 1966 were premarked with black plastic, the center panel being 10' X 10' and the wing panels 8' X 20'. The ground surface at these 2 locations was considered too white for the white targets to be seen, hence the use of black material.

In addition to the sketches shown on the CSI cards the station locations have been spotted on USGS Quadrangle maps which are transmitted as part of the job data.

A recap, showing the stations as numbered on the job control diagram, the TP-map number and the quadrangle map on which it falls, follows:

STATION No.	NAME	MAP NO.	USGS QUADRANGLE
1	CENTRAL	1950 TP-00136	CAPE CANAVERAL
2	ARTESIA	1953 "	" "
3	POSE	1966 TP-00138	COCOA BEACH
4	MUNSON	1940 TP-00139	" "
5	PATRICK N. BASE	1960 TP-00140	" "
6	TRIPOD 3	1963 TP-00142	TROPIC
7	COLLEGE 2	1934 TP-00143	"
8	TURKEY CREEK	1934 TP-00144	MELBOURNE EAST
9	VALKARIA	1966 TP-00146	GRANT
10	SLIP 2	1934 TP-00149	SEBASTIAN NW
11	SEBASTIAN 2	1934 TP-00150	SEBASTIAN
12	SCORPION 2	1961 TP-00153	VERO BEACH
13	RIGMAR 2	1960 TP-00154	INDRIO
14	PIERCE 2	1963 TP-00155	FORT PIERCE
15	WHITE 2	1966 TP-00156	" "

STATION NO.	NAME		MAP NO.	USGS QUADRANGLE
16	WALTON	1930	TP-00157	ANYONA
17	REFUGE 2 RM # 4	1967	TP-00160	ST. LUCIE INLET
18	SEWALL	1934	TP-00159	" " "
19	PINE	1929	TP-00162	GOVEZ
20	CISTERN	1956	TP-00163	HOPE SOUND
21	RADAR	1954	TP-00164	JUPITER
22	GOLF RM # 1	1934	South of TP-00164	RIVIERA BEACH

Targets were visited after photography and found to be in good condition. No center panels were damaged except GOLF RM 1 and it was only slightly torn on its north edge. Images of all targets should be visible on the photographs.

Submitted 2/24/70

William H. Shearouse

William H. Shearouse
Chief, Photo Party 60

Photogrammetric Plot Report
Cape Kennedy to Jupiter Inlet, Florida (Part 1)
Job PH-6910
April, 1971

21. Area Covered

This report covers the area south from Cape Kennedy to an area about eight miles north of Fort Pierce Inlet. The job consists of twenty one (21) 1:10,000 scale sheets, TP-00133 thru TP-00153.

22. Method

Six (6) strips of photographs were bridged using analytical aerotriangulation methods. Strip 23 proved inadequate for bridging. Strip 23A, therefore, was flown at a later date farther west in order to include more land area to strengthen the photogrammetry. A cross flight, 24, was also flown at this time to include the cape area. Ties were made between strips. Points were located to rectify the photographs for mosaics. In addition, points were located to ratio high and low water photography. The attached sketch of the strips bridged shows the placement of triangulation used in the final strip adjustment. Closures to control have been shown on the readouts. All bridge points have been plotted on the Coradimat on Florida East Zone plane coordinates.

23. Adequacy of Control

Horizontal control that fell on strips 21A, 22, 25, and 26 was premarked. Strips 23A and 24 were flown at a later date, and all control that fell on these two strips were transferred from the earlier pre-marked photography. It is noted that stations SCORPOIN 2, 1961 and RIOMAR 2, 1960 (terminal for Strip 26) do not appear on the attached sketch, as these stations are on or south of TP-00153. The control was adequate for bridging all strips.

25. Photography

All photography the subject of this report is 1:40,000 scale color as follows:

Strip 21A -- 69-E(C)-4247 thru 4261 sec 1961
Strip 22 -- 69-E(C)-4185 thru 4194 sec 1960


Strip 23A -- 70-L(C)-9991A thru 004A
Strip 24 -- 70-L(C)-007A thru 015A
Strip 25 -- ~~70-L~~ 70-E(C)-5760 thru 5768
Strip 26 --- 70-E(C)-5772 thru 5794

The definition and quality of the photography were good.

Respectfully submitted:


I. I. Saperstein

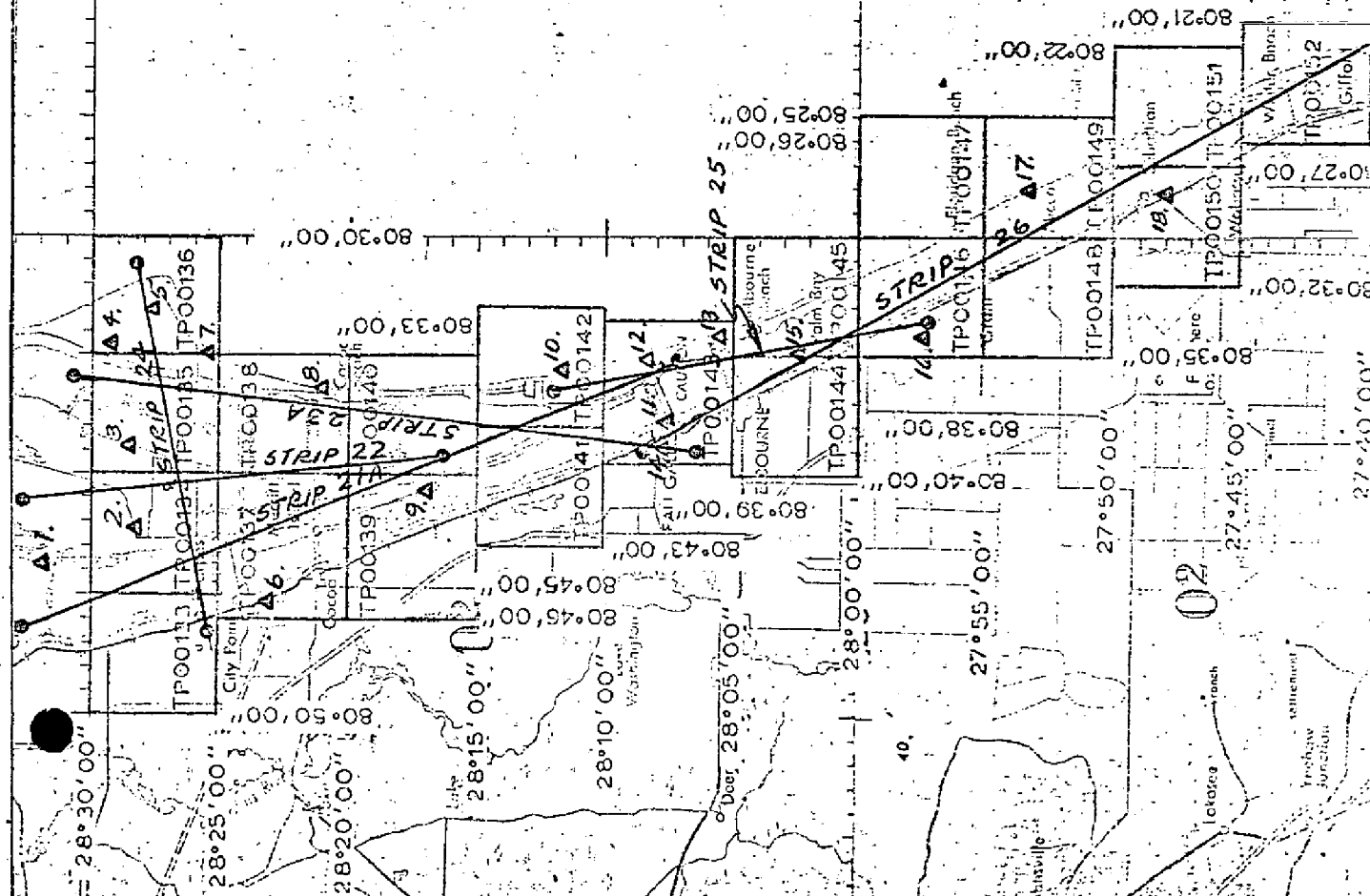
Approved and forwarded:


Henry P. Eichert, Chief
Aerotriangulation Section

Control

1. Moore RM 3, 1965
2. Courtenay, 1953
3. Paxton, 1960
4. Central, 1950
5. Cape Canaveral L.H. Center, 1934
6. Cocoa City 2, 1957
7. Artesia, 1955
8. Pose, 1966
9. Munson, 1940
10. Tripod 3, 1963
11. College 2, 1906
12. Canova Beach Melbourne Munic. W.T. 1960
13. Indialantic Melbourne E. Munic. W.T. 1960
14. Eau Gallie Munic. W.P. Center, 1934
15. Turkey Creek, 1934
16. Slip 2, 1934
17. Sebastian 2, 1934

- ▲ Horizontal control used in adjustment
- △ Horizontal control used as check
- 1:40,000 scale color photography



JOB PH-6910

PART 1

CAPE KENNEDY TO JUPITER INLET
FLORIDA

13

SHORELINE MAPPING

FLORIDA - NOAA Coastal Boundary Mapping Program

Vertical Control - Geodetic

Map TP-00147

14

Geodetic Bench Mark	Elevations (feet)	Condensed Description
	SLD 1929	
A 305	10.673	C&GS disk stamped A 305 1970; 64 ft. W road centerline, 41 ft. S road centerline leading to Sunnyland Beach, 3.5 ft. N of N face of concrete block fence.
P 304	11.863	C&GS disk stamped P 304 1970; 100 ft. S centerline Carmen St., 32 ft. W road centerline, 1.2 ft. S of power pole.
N 304	11.913	C&GS disk stamped N 304 1970; 133 ft. S of Cortez St. centerline, 32 ft. W road centerline, 1.5 ft. S of power pole.

Compilation Report
TP-00147

31. Delineation

The land area of this map is shown by an orthophoto mosaic. The orthophoto mosaic was assembled with black and white rectified prints from the color photography. The rectified prints and mosaic were controlled by points determined by aerotriangulation.

The tidal datum lines and any offshore features on this map were compiled from office interpreted tide coordinated black and white infrared photography. The rectified color photography was used as an aid for interpreting culture features and compiling the limits of shallow and shoal areas for Nautical Charts. The tide coordinated black and white infrared photography was controlled by common planimetric features and map points determined by aerotriangulation.

32. Horizontal Control

Refer to the Photogrammetric Plot Report which is a part of this Descriptive Report.

33. Supplemental Data - None.

34. Contours and Drainage

Contours are inapplicable. Drainage is shown by the orthophoto mosaic.

35. Shoreline and Alongshore Detail

The mean high-water line was mapped along the Atlantic shore and in the interior waters of Mullet Creek. Where the mean high-water line was obscured by vegetation the apparent shoreline symbol was used.

Due to surf conditions (Atlantic shore) on the tide coordinated black and white infrared photography, the mean low-water line was not compiled. Foreshore profiles are requested to verify the interpretation of the mean low-water line on the photography.

The photography was adequate.

36. Offshore Details

No unusual problems were encountered.

37. Landmarks and Aids to Navigation

There are nonfloating aids or landmarks on map TP-00147.

38. Control for Future Surveys - None.

39. Junctions

Refer to Form 76-36B (Data Record).

40. Horizontal Accuracy

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

41. thru 45. Inapplicable.

46. Comparison with Existing Maps

Comparison has been made with USGS Quadrangle Sebastian N.W. Fla., scale 1:24,000, edition of 1951.

There were no unusual changes in this area. This Quadrangle was used for Geographic names.

No significant differences were noted.

47. Comparison with Nautical Charts

Comparison has been made with Nautical Chart 845-SC, Side A, scale 1:40,000, 9th Edition, July 1970, corrected to August 1970.

No significant differences were noted.

Items to be Applied to Nautical Charts Immediately - None.

Items to be Carried Forward - None.

Respectfully submitted,

M.C. Webber

M.C. Webber
Carto(Photo)

Approved and forwarded:

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

Field Edit Report, Map TP-00147, Job PH-6910

51. METHODS

Shoreline of the Atlantic Ocean was verified visually while driving or walking along the beach at proper stages of tide. No discrepancies or inadequacies were noted.

There are no landmarks or aids to navigation.

Only one triangulation station plots in the area and it could not be found.

Geodetic bench marks were recovered and identified on the ratio photographs. Forms 685A are submitted.

Field edit notes will be found on ratio photograph 70E5785, the FIELD EDIT SHEET and the Discrepancy Print.

52. ADEQUACY OF COMPILATION

Adequate after application of field edit information.

53. MAP ACCURACY

No tests were specified.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Not required.

56. GEOGRAPHIC NAMES

The name EVANS PINES is believed to be an old real estate development name and is now obsolete. The area is now known as Deerfield Groves. This is not considered to be permanent and it is recommended that no name be used. No other conflicts were detected.

Submitted 6/9/71

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

Remarks: Application of Field Edit for TP-00147

Foreshore profiles verified the tidal datum lines on the photography.

Review Report TP-00147
Coastal Zone Map
June 1974

61. General

This map was reviewed in the Coastal Mapping Section prior to its proof stage.

The proof copy of this map was examined by the Quality Control Group. During this examination any corrections to the compilation were noted and returned to the Coastal Mapping Section for application to the map.

The following major parts in the preparation of this map have been examined by the Quality Control Group and are adequate:

1. Field operations
2. Extension of control
3. Compilation
4. Descriptive Report

The shoreline on this map was symbolized in accordance with ongoing decisions set forth by officials of the National Ocean Survey. These decisions, however, were formalized and documented at the later date reflected in the Record of Decisions.

62. Registration Copy

A special Registration Copy of this map was prepared for Marine Chart use and checked by the Coastal Mapping Section. This Registration Copy shows additional offshore information (such as "shallow" and "shoal" areas) not shown on the published map.

63. thru 64. Inapplicable.

65. Cartographic Comparison

A comparison was made with USGS Quadrangle Melbourne East Florida, 1949, photorevised 1970, scale 1:24,000.

No significant differences were noted.

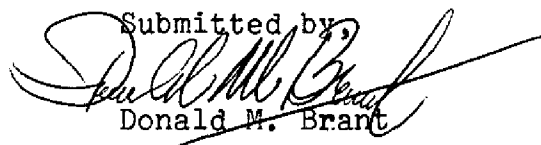
A comparison was made with Nautical Chart 845-SC, 12th edition, dated September 8, 1973, scale 1:40,000.

No significant differences were noted.

66. Adequacy of Results and Future Surveys


Coastal Zone Map TP-00147 complies with project instructions for NOS Cooperative Mapping, Job PH-7000. This map meets the National Map Accuracy Standards.

Submitted by,



Donald M. Brant

Approved:



Chief, Photogrammetric Branch



Chief, Coastal Mapping Division

Feb. 9, 1973

GEOGRAPHIC NAMES
FINAL NAMES SHEET
Ph-6910 N (Florida)

TP-00147

Atlantic Ocean

Evans Pines

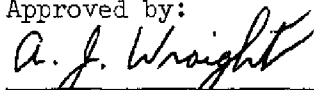
Floridana Beach

Latham Island

Middle Gap

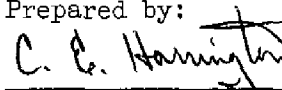
Mullet Creek

Approved by:



A. Joseph Wright
Chief Geographer

Prepared by:



C. E. Harrington
Cartographer

TP-00147
Data Forwarded to Federal Records Center

1 Field Edit Sheet

1 Discrepancy Print

1 Planetable beach profile TP-00147 and TP-00149

1 Form 76-36C (History of Field Operations)

Photographs filed with TP-00146