

original

TP-00149

TP-00149

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. 6910 Map No. TP-00149

Classification No. Edition No. 1

☒ Field Edited Map

LOCALITY

State Florida

Brevard County

General Locality Indian River County

Locality Ballard Cove to Sebastian

Creek

1970 TO 1971

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TP. <u>00149</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>PH-6910</u>	
DESCRIPTIVE REPORT - DATA RECORD							
PHOTOGRAMMETRIC OFFICE Rockville, Maryland				LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED			
OFFICER-IN-CHARGE Commander Wesley V. Hull				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 1, 8/10/73 NOTE:Office and Field Edit Inst. (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 <u>Florida</u> ZONE <u>East</u> STATE ZONE			
5. SCALE 1:10,000							
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION METHOD:Analytic				BY Don Brant		12/70	
LANDMARKS AND AIDS BY				Inapplicable			
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat				P.J. Dempsey		1/71	
PLOTTED BY				Inapplicable			
CHECKED BY				J.C.Richter&M.Webber		4/71	
3. STEREOSCOPIC INSTRUMENT COMPILATION				J.P. Battley, Jr.		4/71	
INSTRUMENT: B-8				Inapplicable			
SCALE: 1:10,000				CHECKED BY			
4. MANUSCRIPT DELINEATION				J.Richter&M.Webber		4/71	
Shoreline:Graphic				J.P.Battley, Jr.		5/71	
METHOD:				Inapplicable			
Interior:Orthophoto mosaic				Inapplicable			
SCALE: 1:10,000				J. Taylor		4/71	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT				J.P.Battley, Jr.		7/71	
6. APPLICATION OF FIELD EDIT DATA				J.C.Richter		11/71	
7. COMPILATION SECTION REVIEW				J.P. Battley, Jr.		2/72	
8. FINAL REVIEW				D.Brant-S.Blankenbaker		8/73	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH							
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH				D.Brant		9/73	
11. MAP REGISTERED - COASTAL SURVEY SECTION				K.J. Lato		8-12-74	

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

TP-00149

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 E&L 6" focal length	TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED B&W	TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		ZONE Eastern MERIDIAN 60th&75th	<input checked="" type="checkbox"/> STANDARD <input checked="" type="checkbox"/> DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
70E(C)5782 5784	2/10/70	13:40	1:40,000	The stage of tide is inapplicable for color photography.
70L6891R - 6894R	8/14/70	17:35	1:25,000	+0.14MHW(1)-0.23MHW(2)
70L8919R & 8920R	2/10/70	12:05	1:20,000	+0.15MHW(2)
70L6395R - 6399R	8/12/70	11:20,	1:25,000	+0.14MLW(1)-0.26MLW(2)

REMARKS

- (1) Sebastian Inlet Tide Station
(2) Sebastian Indian River Tide Station

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the mean high-water line along the Atlantic shore and along the east shore of the Indian River is the tide coordinated black and white infrared photography dated 8/14/70 listed in item 1.

The source of the mean high-water line along the west shore of the Indian River and the shores of Sebastian Creek is the tide coordinated black and white infrared photography dated 2/10/70. Field edit was done in October 1971. Foreshore profiles verified the mean high-water line along the Atlantic shore.

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

The source of the mean low-water line along the Atlantic shore and in the Indian River at Sebastian Inlet is the tide-coordinated black and white infrared photography dated 8/12/70. Foreshore profiles determined by field edit of 1971 verified the mean low-water line on the photographs.

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-00147	No contem- porary survey	TP-00150 TP-00151	TP-00148

REMARKS

Final junctions were made in the Coastal Mapping Section.

TP-00149

HISTORY OF FIELD OPERATIONS.

I. ☒ FIELD INSPECTION OPERATION *See below ☒ FIELD EDIT OPERATION. October 1971

OPERATION	NAME	DATE	
1. CHIEF OF FIELD PARTY	W.H. Shearouse	10/71	
2. HORIZONTAL CONTROL	RECOVERED BY W.H. Shearouse ESTABLISHED BY N.A. PRE-MARKED ON COAST ON TIDE ON REEF ON ROCK ON SAND ON GRAVEL ON CORAL ON MUD ON SAND ON GRAVEL ON CORAL ON MUD	5/71	
3. VERTICAL CONTROL	RECOVERED BY W.H. Shearouse ESTABLISHED BY N.A. REMARKS RECOVERED IDENTIFIED BY W.H. Shearouse	8/71 5/71 5/71	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY W.H. Shearouse LOCATED (Field Methods) BY W.H. Shearouse IDENTIFIED BY W.H. Shearouse	10/71 10/71	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input checked="" type="checkbox"/> SPECIFIC NAMES ONLY BY W.H. Shearouse <input type="checkbox"/> NO INVESTIGATION	10/71	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY W.H. Shearouse	10/71	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.		
II. SOURCE DATA			
1. HORIZONTAL CONTROL IDENTIFIED None		2. VERTICAL CONTROL IDENTIFIED	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
	Refer to Field Report	70E5782	536, JLR(USE), M227, A306(SRD), C306, L33
		70E5783	R304, S304
		70E5784	T304, U304
			SLIP 11930 (to be plotted) SLIP 2, 1934 " "
3. PHOTO NUMBERS (Clarification of details) 70E5782, 5783, 5784			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED There are no landmarks. Nonfloating aids are plotted on Field Edit Sheet.			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
		70E5782	SEBASTIAN INLET NORTH JETTY LIGHT
5. GEOGRAPHIC NAMES: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS None			
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) *Refer to Field Report bound with this Report. None (Sketchbook No. 11 with sextant fixes will be submitted later).			

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
	L-1184 (73)	Sept. 6/73	only one letter (comprised of 5 pages) submitted for this map- 815

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 9/6/73
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	

Record of Decisions
Pertaining to Symbolization of the MHW, MLW and MWL Datums
Map TP-00149

Shoreline Delineation

The mean low-water and mean high-water datums were determined along the outer coast (Atlantic Ocean) from tide observations at Canova Pier Tide Station (north of this map), Sebastian Inlet Tide Station (shown on this map) and Vero Beach Tide Station (south of this map).

The interior waters shown on this map are Indian River, Sebastian Inlet and Sebastian Creek. These waters are affected by periodic tides which vary in mean range from 0.3 foot at Mico Tide Station (shown on this map) to 2.2 feet at Sebastian Inlet Tide Station; the standard mean high-water line symbolization was used for delineating the mean high-water line in Sebastian Creek, Indian River and Sebastian Inlet, except where the mean high-water line was obscured by vegetation, and then the apparent shoreline symbol was used.

Delineation of the mean low-water line presented special problems because of the mixing of Atlantic Ocean tides with those of the inland waters. Sebastian Inlet connects Indian River with the Atlantic Ocean. Sebastian Inlet Tide Station supplemented by observations at nine (9) temporary tide staffs strategically installed (but not mapped) were used to determine the extent and amount of the Atlantic Ocean tidal influence on the interior waters of Indian River.

From those observations, it was determined that the mean range compressed most sharply near the entrance. For example, at the Sebastian Inlet Tide Station, the mean range was 2.2 feet, then progressing upstream 600 feet the observed mean range was 1.0 foot, 1,300 feet it was 0.8 foot, 3,300 feet it was 0.6 foot, 5,000 feet it was 0.5 foot and at approximately a mile and a quarter, coincidence occurred with the 0.3 mean range of Indian River.

The mean low-water line was not mapped in the interior waters where the mapping scale and slope of the beach caused the mean low-water line to be synonymous with the mean high-water line. This condition occurred along the entire south shore of Sebastian Inlet, Indian River and Sebastian Creek, except for the north shore of Sebastian Inlet and the immediately adjacent Indian River shoreline; there the mean low-water line was delineated from the tide-coordinated black-and-white infrared photographs.

* Decision Responsibility for Shoreline Symbolization

Specific decisions as to the symbolization for mapping the shoreline were made January 10, 1973, in Rockville, Maryland, by competent technical officials of National Ocean Survey. Cdr. Wesley V. Hull, Chief, Coastal Mapping Division, provided the technical field survey and cartographic expertise and Mr. Carroll I. Thurlow, Chief, Tidal Datum Planes Section, rendered decisions on tidal datum matters.

Archiving

A copy of this report shall be included in Descriptive Report TP-00149 which will be permanently filed in the NOS archives.

* See Review Report for clarification of date.

Official Mileage
for Cost Accounts

Sheet No. - Area Sq. Mi.

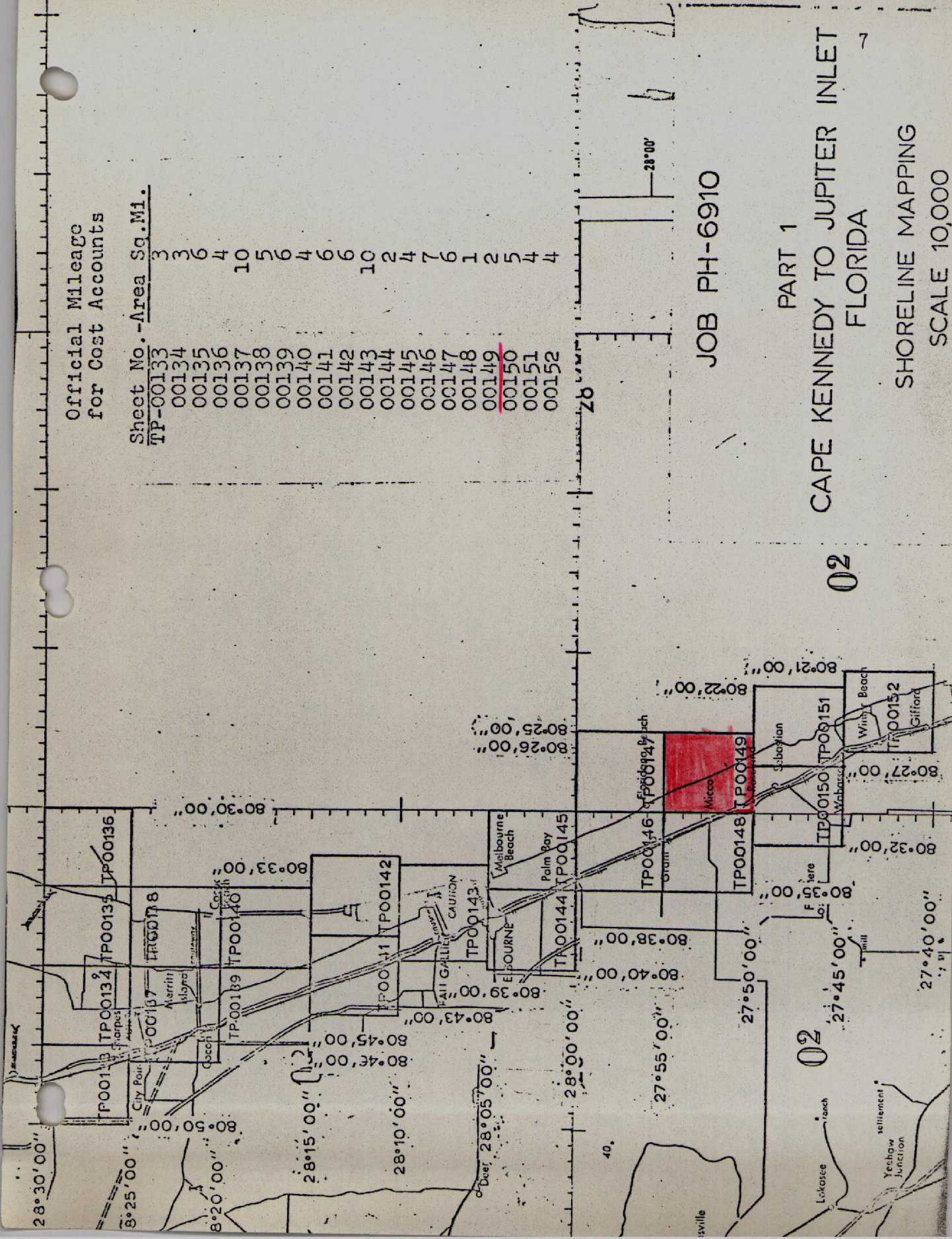
TP-00133	3
00134	3
00135	6
00136	4
00137	10
00138	5
00139	6
00140	4
00141	6
00142	6
00143	10
00144	2
00145	4
00146	7
00147	6
00148	1
00149	2
00150	5
00151	4
00152	4

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-00149 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	RICMAR 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	ANKONA
17	REFUGE 2 RM # 4	1967	TP-00160	ST. LUCIE INLET
18	SEWALL	1934	TP-00159	" " "
19	PINE	1929	TP-00162	GOMEZ
20	CISTERN	1956	TP-00163	HOBE 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
Strip 22 -- 69-E(C)-4185 thru 4194


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

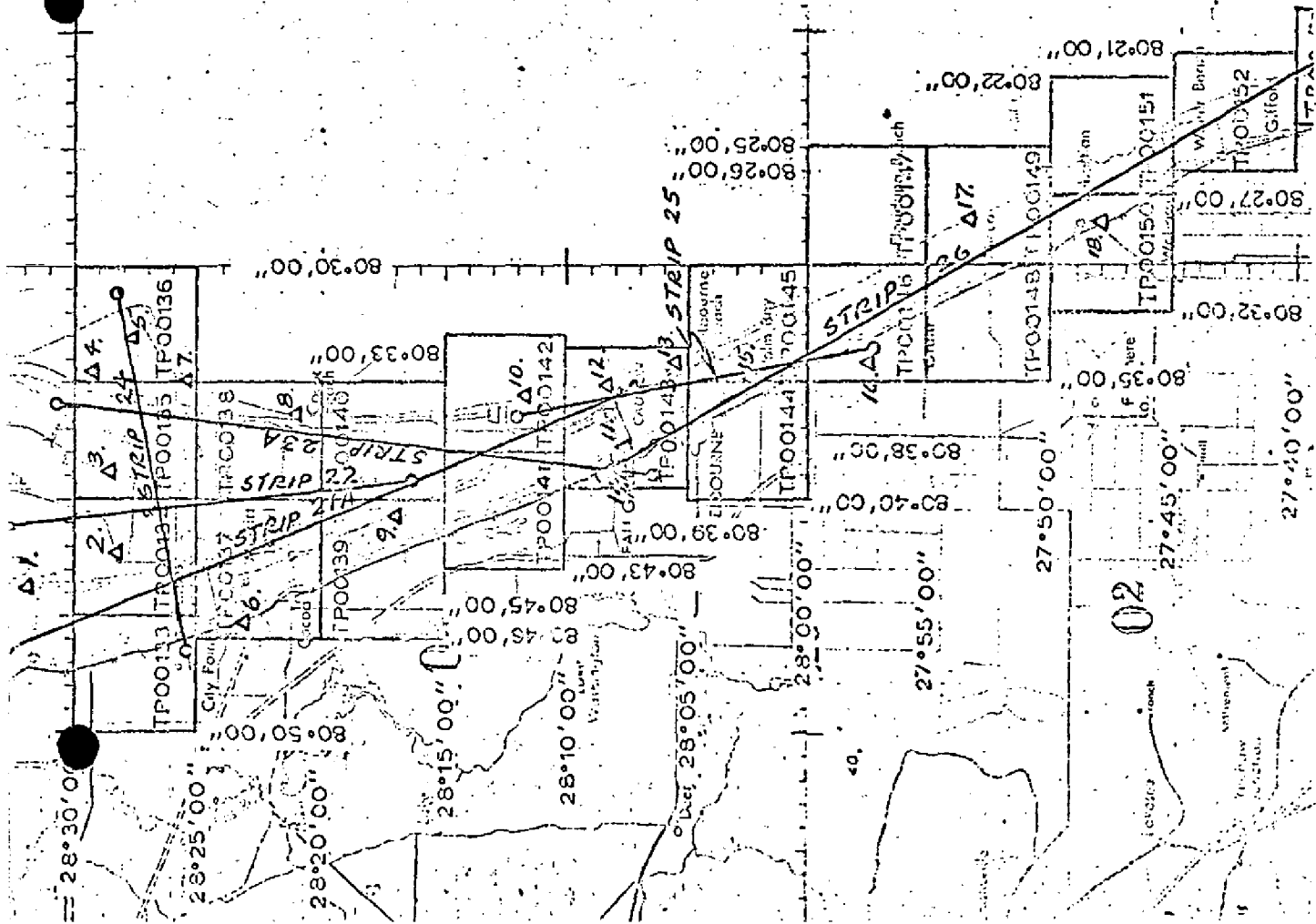
The definition and quality of the photography were good.

Respectfully submitted:


I. I. Saperstein

Approved and forwarded:


Henry P. Eichert, Chief
Aerotriangulation Section



Control

1. Moore RM 3, 1960
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. M.P. 1960
13. Indialantic Melbourne E. Munic. M.P. 1960
14. Eau Gallie Munic. M.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 INLE
FLORIDA

SHORELINE MAPPING

SCALE 10000

Horizontal Control

Map TP-00149

Station	NOS Geodetic Data Reference for Description, Positions, Coordinates and Azimuths
EVANS 2, 1934	Book 420, pp. 5, 22, 30, G.P. Fla. Vol. 1, p. 154, P.C. Fla. E zone, p. 19.
WHITE 3 RM 1906	Book 420, pp. 6, 7, G.P. Fla. Vol. 1, p. 154, P.C. Fla. E zone, p. 19.
SLIP 2, 1934	Book 420, pp. 6, 22, 31, G.P. Fla. Vol. 1, p. 154, P.C. Fla. E zone, p. 19.

FLORIDA-NOAA Coastal Boundary Mapping Program

Vertical Control - Geodetic

Map TP-00149

Geodetic Bench Mark	Elevations (feet)	Condensed Description
	SLD 1929	
L 33	20.085	C&GS disk stamped L 33 1933 20.085; set on top NE end SE bridge abutment, 7.5 ft. NE of NE rail.
M 227	20.049	C&GS disk stamped M 227 1965; set on top SW end NW bridge abutment, 17.7 ft. E of E rail.
A 306	25.787	Fla. State Rd. Dept. disk stamped A 306; set on top N end wing wall at SE corner of bridge, 16.5 ft. E of highway centerline.
C 306	4.511	C&GS disk stamped C 306 1970; 85 ft. SW of center of highway junction and a sand road leading E, 8 ft. W of power line pole.
R 304	6.250	C&GS disk stamped R 304 1970; 44 ft. W of centerline of highway, 1.5 ft. S of power line pole.
S 304	15.459	C&GS disk stamped S 304 1970; 46.5 ft. E of centerline of highway, 6.5 ft. E of guy pole, 11 ft. W of guy wire.
T 304	14.301	C&GS disk stamped T 304 1970; 46 ft. E centerline of highway, 15 ft. W of guy wire, 2.2 ft. E of power pole.
U 304	9.596	C&GS disk stamped U 304 1970; 44 ft. W of highway centerline, 17 ft. N centerline road to "R" Sports Marina, 4 ft. N of concrete power pole.
SLIP 2	19.993	C&GS disk stamped SLIP 2 1934; approx. 200 ft. E highway centerline, 47 ft. E sand road, 2.4 ft. N of witness post.
536 JLR (USE)	23.048	(*)

* Description given under Tidal Bench Marks.

Geodetic Bench Mark	Elevations (feet)	Condensed Description
	SLD 1929	
SEBASTIAN INLET, TIDAL 1	5.568	(*)
SEBASTIAN INLET, TIDAL 2	5.558	(*)
B 305 (FLA SRD)	30.646	(*)
V 304 (FLA SRD)	25.814	(*)
W 304 (FLA SRD)	5.531	(*)

* Description given under Tidal Bench Marks.

Compilation Report
TP-00149

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 bound with this Descriptive Report.

33. Supplemental Data - None.

34. Contours and Drainage

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

35. Shoreline and Alongshore Details

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

The mean low-water line was not mapped because of surf conditions on the photography. Foreshore profiles are requested to verify the interpretation of the mean low-water line on the tide coordinated black and white infrared photography.

The photography was adequate.

36. Offshore Details

No unusual problems were encountered.

37. Landmarks and Aids to Navigation

There are no charted landmarks on this map.

The images of charted objects visible on the photography were compiled during compilation. Chartist objects which were not visible on the photography were called to the attention of the field editor.

38. Control for Future Surveys

Tidal bench marks established by the tide observation party.

39. Junctions

Refer to Form 76-36B (Page 2 of this Descriptive Report).

40. Horizontal Accuracy

The 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

Comparison was made with USGS quadrangle Sebastian, Florida, dated 1949, photorevised 1970.

There were no unusual changes noted.

47. Comparison with Nautical Charts

Comparison was made with Nautical Chart 845-SC, scale 1:40,000, 9th edition, dated July 25, 1970. Corrections to August 20, 1970.

No significant differences were noted.

Items to be Applied to Nautical Charts Immediately: None.

Items to be Carried Forward: None.

Submitted by,

M.C. Webber

M.C. Webber

Approved and forwarded:

Jeter P. Battley Jr

J.P. Battley, Jr.

Chief, Coastal Mapping Section

Field Edit Report, Map TP-00149, Job PH-6910

51. METHODS

Shoreline of the Atlantic Ocean was verified visually while driving, or walking where necessary, along the beach at the proper stages of tide. The Indian River, Sebastian Creek and Sebastian Inlet shorelines were verified visually from a small boat while cruising just offshore. No major inadequacies were found. Notes regarding apparent and "fast" shoreline in the river, piers and other shoreline structures were made on the rectified photographs.

No landmarks are recommended.

Form 76-40 is submitted for nonfloating aids. In addition to the standard aids covered by Form 76-40, there are quite a few channel markers leading to marinas and the Sebastian Inlet. A sextant fix was taken at those considered worthy of charting and they were plotted, and are shown, on the cronaflex Field Edit Sheet with tiny circle and labelled. Other stakes in navigable water were treated in like manner.

The northern third of the map is an oyster culture area. The leases and beds are marked by stakes with signs and are far too numerous to map individually. A note "Numerous stakes mark oyster leases" is suggested. Approximate limits are indicated on the Field Edit Sheet.

All known triangulation stations were searched for. Form 526s are submitted herewith.

Bench marks were searched for and are reported on Form 685A. Those recovered were identified on the rectified photographs.

Numbers of the major highways are shown on the Field Edit Sheet.

Field edit notes will be found on the rectified photographs, 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 required.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Nottrequired.

56. GEOGRAPHIC NAMES

A complete names investigation was not required. No conflicts among charted names arose during field edit. Two new names are recommended. They are LONG POINT RECREATION PARK and SEBASTIAN INLET STATE PARK. The Long Point park is owned and operated by Brevard County. Both names are well known in local usage and without conflict.

Submitted 10/15/71

William H. Shearouse

William H. Shearouse
Chief, Photo Party 60

TP-00149

Remarks: Application of Field Edit

Request for field edit revision of several areas in the Indian River where stakes marking the limits of shellfish beds are shown on maps TP-00148 and TP-00149. Refer to memorandum dated August 6, 1973.

Foreshore profiles determined by field edit verified the tidal datum lines on the tide coordinated black and white photography.

Refer to the Record of Decisions for explanation of the mean low-water line where Sebastian Inlet connects to the Indian River with the Atlantic Ocean.



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SURVEY
Rockville, Md. 20852

23

Date: August 6, 1973

File to: C3413

Subject: Field edit of stakes on limits of shellfish beds and in other areas,
Florida Coastal Boundary Maps

To: Chief, Photo Party 60
THRU: Chief, Coastal Mapping Division, AMC

Information in this memorandum is intended to provide guidance regarding desired treatment of subject features until instructions can be revised. Procedures established will result in the proper information reaching the Marine Charts Division.

Stakes that mark limits of shellfish beds, for setting fish nets, comprise fish traps, or placed in navigable waters for any other purpose shall be located only if they meet criteria established for locating privately maintained aids to navigation. Coastal maps and nautical charts will carry the cautionary note "NUMEROUS STAKES" in areas where stakes are numerous but do not meet the specified criteria for charting. The field editor must supply information to guide map and chart compilers. Do this by lettering the note in appropriate locations on the Field Edit Sheet. It is neither intended nor desired that limits of such areas are to be indicated.

Field edit data of two maps completed previously are being sent to you for field verification of several areas where limits of oyster beds are shown. You are to revise the field edit of these maps to obtain conformance with this memorandum. Existing data are confusing as to actual conditions and conflict with charted data in some instances.


Wesley V. Hull

Chief, Coastal Mapping Division

Addendum 1 TP-00148 & TP-00149

Reference letter dated August 6, 1973 from C3413 to Chief, Photo Party 60.

The subject piles and stakes were inspected and found to range in size from 4x4 pressure treated lumber to 10 inch piling projecting about 5 feet above water. There are approximately 200 to 300 additional piles and stakes that have not been located. About 70% of these are the 4x4 range. This information was reported to the Rockville office.

Mr. Battley reported later that after a conference, it was decided to ~~show~~ the limits of the piles and stakes.


The limits have been shown on Field Edit sheet TP-00149 and photo 70E5784 using red ink. The approximate limits were located using sextant cuts and photographic details. The limits have changed since the original field edit and it appears that the limits will change in the future with new leases. Care was taken not to run over the shallow lease areas, which would destroy the beds, in locating the limits.

Since the two sheets to the north (TP-00146 and TP-00147) have been printed no inspection was done except to complete the leases on the east and west side of the river on photo 70E5784. This area that appears on TP-00146 and TP-00148 could possibly be omitted from TP-00148 since it appears that in June 1971, the time of the original field edit, these leases were not in place.

It is also recommended that the stakes located by the original field edit not be shown. They do not stand out any better than the ones not shown.

The two stakes located, approximately at 27 50.7' and 80 27.7', should be shown.

Submitted 8/21/73


Robert R. Wagner
Chief, Photo Party 60

TP-00149

Remarks: Application of revised Field Edit
(Addendum 1 TP-00148 and TP-00149)

Stakes marking the limits of shellfish beds were applied to maps TP-00148 and TP-00149.

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 quadrangles Sebastian N.W. and Sebastian, Florida, 1949, 1:24,000 scale, and photorevised 1970.

No significant differences were noted.

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

The following differences were noted:

1. Numerous differences in piers and pier ruins were noted along the west shore of the Indian River and Sebastian Creek. Also noted were differences in the positions and additional numbers of piling, stakes, and signs. The information shown on the published map and Registration Copy was furnished by the Field Edit of 1971 and no mention was made about the differences between the published map and Nautical Chart.

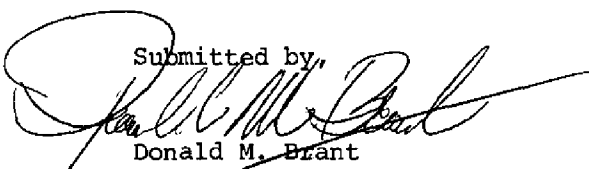
2. A wreck is shown on the published map and Registration Copy in Sebastian Creek, (latitude $28^{\circ}51.2'$ and longitude $80^{\circ}29.5'$) and is not shown on the chart. This wreck was located by the field edit of 1971.

3. The chart shows two rocks awash, one located on the north shore of Sebastian Inlet and one just south of Sebastian Inlet along the Atlantic shore. These two rocks awash are not shown on either the published map or the Registration Copy. No mention of the rocks awash was made by the Field Edit of 1971.


66. Adequacy of Results and Future Surveys

Coastal Zone Map TP-00149 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

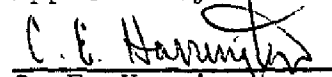
June 18, 1974

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

TP-00149

Atlantic Ocean
Ballard Cove
Ballard Pines
Brevard County
Campbell Pocket
Chobie Dock
Coconut Point
Florida East Coast RR
Indian River
Indian River County
Long Point
Long Point Creek
Long Point Recreation Park
Mathers Cove
Micco
Mud Hole
Nancy Creek
Pepper Cove
Pepper Point
Roseland
Sand Point
Sebastian Creek
Sebastian Inlet
Sebastian Inlet State Park

Approved by:


C. E. Harrington
Staff Geographer

NOAA FORM 76-40
(2-71)

PRESCRIBED BY

PHOTOGRAMMETRY INSTRUCTION NO. 64.

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

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

☒ TO BE CHARTED
☐ TO BE DELETED

ORIGINATING LOCATION

Rockville, Maryland

DATE

Nov., 1971

The following objects have (have not) been inspected from seaward to determine their value as landmarks:

CHARTING NAME	DESCRIPTION	SURVEY NUMBER	DATUM	POSITION			METHOD AND DATE OF LOCATION (See instructions on reverse of this form)			CHARTS AFFECTED
				LATITUDE		LONGITUDE	FIELD INSPECTION	COMPILATION	FIELD EDIT	
				0 /	" /	D.M. METERS				
JOB NUMBER PH- 6910	STATE: Florida	T - TP- 00149								
	EAU GALLIE-ST. LUCIE INLET INDIAN RIVER(South Section)									
DYBN 51A			27 53	36.5	1123.0	80 29	51.8		P4 Verified 10/7/71	845-SC
LT-53			27 53	17.3	533.5	80 29	40.1		P4 Verif. 10/7/71	845-SC
DYBN 54			27 53	16.3	503	80 29	42.0		P4 Verif. 10/7/71	845-SC
DYBN 54A			27 53	59.0	1815.0	80 29	33.5		P.4 Verif. 10/7/71	845-SC
DAYBN 55				37.3			19.9		P.4 Verif. 10/7/71	845-SC
Lt 57			27 52	1148.1	80 29		544.4		P4 Verif. 10/7/71	845-SC
DYBN 58			27 52	12.2	376.5	80 29	7.6		70E5783 2/10/70	845-SC
DYBN 59			27 52	11.0	338.6	80 28	9.8		P4 Verif. 10/7/71	845-SC
LT 60			27 51	37.2	1145.1	80 28	55.4		P.4 Verif. 10/7/71	845-SC
			27 51	36.1	1112.0	80 28	57.7		70E5782 10Feb/70	845-SC
							1517.0			
							268.4			

RESPONSIBLE PERSONNEL		
TYPE OF ACTION	NAME	TITLE
1. Objects inspected from seaward		<input type="checkbox"/> FIELD INSPECTOR <input type="checkbox"/> FIELD EDITOR
2. Positions determined and/or verified		FIELD INSPECTOR
	William H. Shearouse	FIELD EDITOR
	S. Solbeck	COMPILER
3. Forms originated by Quality Control and Review Group and final review activities		<input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE

INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

NOTE: 'Photogrammetric Positions' are dependent entirely, or in part, upon control established by photogrammetric methods. 'Field Positions' are determined by field observations based entirely upon ground control.

COLUMN TITLE

TYPE OF ENTRIES

COMPILATION

Applicable to office identified and located objects only. Enter the number and date of the photograph used to identify the object.

FIELD INSPECTION AND

FIELD EDIT

1. New Position Determined—Enter the applicable data by symbols as indicated below:

F – Field

P – Photogrammetric

EXAMPLES:

1. Triangulation

1. Field identified

2. Traverse

2. Theodolite

F.3.c

3. Intersection

3. Planetable

4. Resection

4. Sextant

P.2

a. Theodolite

b. Planetable

c. Sextant

Immediately beneath the data described above, enter the following:

a. For 'Field Positions' enter the date of location.

b. For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

2. Triangulation Station Recovered – Enter 'Triang. Rec. mo/day/yr.'

3. Position Verified – Enter 'Verif. mo/day/yr.'

U.S. DEPARTMENT OF COMMERCE-NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION									
NONFLOATING AIDS OR LANDMARKS FOR CHARTS									
NOAA FORM 76-40 (2-71) PRESCRIBED BY PHOTOGRAMMETRY INSTRUCTION NO. 64.		ORIGINATING LOCATION		DATE		ORIGINATING ACTIVITY			
		Rockville, Maryland		Nov. 1971		<input type="checkbox"/> FIELD INSPECTION <input type="checkbox"/> FIELD EDIT <input checked="" type="checkbox"/> COMPILATION <input type="checkbox"/> FINAL REVIEW <input type="checkbox"/> QUALITY CONTROL AND REVIEW (See reverse for responsible personnel)			
JOB NUMBER PH-6910		SURVEY NUMBER T-TP-00149		DATUM NA 1927		METHOD AND DATE OF LOCATION (See instructions on reverse of this form)			
STATE: Florida		POSITION		LATITUDE		LONGITUDE		CHARTS AFFECTED	
CHARTING NAME		DESCRIPTION		LATITUDE		LONGITUDE		CHARTS AFFECTED	
				0 /		0 /			
				D.M. METERS		D.M. METERS			
DYBN 61		27 51	11.3 348.0	80 28	40.1 1096.0			P4 Verif. 10/7/71	845-SC
DYBN 62		27 50	44.0 1355.0	80 28	26.8 732.0			P.4 Verif. 10/7/71	845-SC
LT 63		27 50	45.5 1400.0	80 28	25.5 698.0			P.4 Verif. 10/7/71	" "
DYBN 64		27 50	19.9 613.0	80 28	15.8 433.0			P.4 10/7/71	" "
	SEBASTIAN INLET - NORTH JETTY LIGHT								
LIGHT		27 51.6	40.8 1256.080	26 1160.0				P1 10/7/71 70E5782	845-SC 1246

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
1. Objects inspected from seaward	
2. Positions determined and/or verified	William H. Shearouse
3. Forms originated by Quality Control and Review Group and final review activities	S. Solbeck

INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

NOTE: 'Photogrammetric Positions' are dependent entirely, or in part, upon control established by photogrammetric methods.
 'Field Positions' are determined by field observations based entirely upon ground control.

COLUMN TITLE

COMPILATION

Applicable to office identified and located objects only. Enter the number and date of the photograph used to identify the object.

FIELD INSPECTION AND FIELD EDIT

1. New Position Determined—Enter the applicable data by symbols as indicated below:

F - Field	P - Photogrammetric
1. Triangulation	1. Field identified
2. Traverse	2. Theodolite
3. Intersection	3. Planetable
4. Resection	4. Sextant
a. Theodolite	
b. Planetable	
c. Sextant	

Immediately beneath the data described above, enter the following:

- For 'Field Positions' enter the date of location.
- For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

2. Triangulation Station Recovered — Enter 'Triang. Rec. mo/day/yr.'

3. Position Verified — Enter 'Verif. mo/day/yr.'

U.S. DEPARTMENT OF COMMERCE-NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION									
NONFLOATING AIDS OR LANDMARKS FOR CHARTS									
NOAA FORM 76-40 (2-71) PRESCRIBED BY PHOTOGRAMMETRY INSTRUCTION NO. 64		ORIGINATING LOCATION		DATE		ORIGINATING ACTIVITY			
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE DELETED		Rockville, Maryland		8/30/73		<input type="checkbox"/> FIELD INSPECTION <input type="checkbox"/> FIELD EDIT <input checked="" type="checkbox"/> COMPILATION <input type="checkbox"/> FINAL REVIEW <input type="checkbox"/> QUALITY CONTROL AND REVIEW (See reverse for responsible personnel)			
The following objects have (have not) been inspected from seaward to determine their value as landmarks:									
JOB NUMBER PH- 6910 STATE: Florida	SURVEY NUMBER T - TP- 00149	DESCRIPTION	DATUM		POSITION		METHOD AND DATE OF LOCATION (See instructions on reverse of this form)		CHARTS AFFECTED
			LATITUDE	LONGITUDE	FIELD INSPECTION	COMPILATION	FIELD EDIT		
CHARTING NAME			0 /	0 /	D.M. METERS	D.P. METERS			
		CHANNEL MARKERS	27 52	80 29	28.59	39.02		P-4 10/7/71	845-SC
			27 52	80 29	29.48	35.04		"	"
			27 52	80 29	907.5	958.5		"	"
			27 52	80 29	30.72	29.92		"	"
			27 52	80 29	945.5	818.5		"	"
			27 52	80 29	27.74	38.79		"	"
			27 52	80 29	854.0	1061.0		"	"
			27 52	80 29	28.64	34.73		"	"
			27 52	80 29	881.5	950.0		"	"
			27 52	80 29	29.77	29.23		"	"
			27 52	80 29	916.5	799.5		"	"
			27 52	80 29	20.82	20.08		"	"
			27 52	80 29	641.0	549.5		"	"
			27 52	80 29	19.41	20.36		"	"
			27 52	80 29	597.5	557.0		"	"
			27 51	80 28	17.10	54.64		"	31
			27 51	80 28	526.5	1495.0		"	"
			27 51	80 28	0.96	53.51		"	"
			27 51	80 28	029.5	1464.0		"	"

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
1. Objects inspected from seaward	
2. Positions determined and/or verified	William H. Shearouse
3. Forms originated by Quality Control and Review Group and final review activities	Pete Gibson

INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

NOTE: 'Photogrammetric Positions' are dependent entirely, or in part, upon control established by photogrammetric methods. 'Field Positions' are determined by field observations based entirely upon ground control.

COLUMN TITLE TYPE OF ENTRIES

COMPLATION

FIELD INSPECTION AND FIELD EDIT

Applicable to office identified and located objects only. Enter the number and date of the photograph used to identify the object.

1. New Position Determined - Enter the applicable data by symbols as indicated below:

- | | |
|------------------|---------------------|
| F - Field | P - Photogrammetric |
| 1. Triangulation | 1. Field identified |
| 2. Traverse | 2. Theodolite |
| 3. Intersection | 3. Planetable |
| 4. Resection | 4. Sextant |
| a. Theodolite | |
| b. Planetable | |
| c. Sextant | |

EXAMPLES:

F.3.c P.2

Immediately beneath the data described above, enter the following:

a. For 'Field Positions' enter the date of location.

b. For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

2. Triangulation Station Recovered - Enter 'Triang. Rec. mo/day/yr.'

3. Position Verified - Enter 'Verif. mo/day/yr.'

NOAA FORM 76-40 (2-71) PRESCRIBED BY PHOTOGRAMMETRY INSTRUCTION NO. 54.		U.S. DEPARTMENT OF COMMERCE-NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		NONFLOATING AIDS OR LANDMARKS FOR CHARTS		ORIGINATING ACTIVITY	
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE DELETED		ORIGINATING LOCATION		DATE		<input type="checkbox"/> FIELD INSPECTION <input type="checkbox"/> FIELD EDIT <input checked="" type="checkbox"/> COMPILATION <input type="checkbox"/> FINAL REVIEW <input type="checkbox"/> QUALITY CONTROL AND REVIEW (See reverse for responsible personnel)	
The following objects have (have not) been inspected from seaward to determine their value as landmarks:		Rockville, Maryland		8/30/73			
JOB NUMBER	SURVEY NUMBER	DATUM	METHOD AND DATE OF LOCATION (See instructions on reverse of this form)		CHARTS AFFECTED		
PH- 6910	T- TP- 00149	NA 1927					
STATE: Florida	DESCRIPTION	POSITION		FIELD INSPECTION	COMPILATION	FIELD EDIT	
CHARTING NAME		LATITUDE	LONGITUDE				
		° /	° /				
		D.M. METERS	D.M. METERS				
	Channel Markers	27 51	80 27	51.44		P-4	845-SC
		27 51	80 27	1407.5		10/7/71	
		27 51	80 27	49.87		"	"
		27 51	80 27	1364.5		"	"
		27 51	80 27	48.34		"	"
		27 51	80 27	1322.5		"	"
		27 51	80 27	45.67		"	"
		27 51	80 27	1249.5		"	"
		27 51	80 27	44.77		"	"
		27 51	80 27	1225.0		"	"
		27 51	80 27	36.64		"	"
		27 51	80 27	1002.5		"	"
		27 51	80 27	28.00		"	"
		27 51	80 27	766.0		"	"
		27 53	80 28	39.62		"	"
		27 53	80 28	955.5		"	"
		27 53	80 28	34.94		"	32
		27 53	80 28	955.5		"	"
		27 53	80 28	33.99		"	"
		27 53	80 28	929.5		"	"

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
1. Objects inspected from seaward	
2. Positions determined and/or verified	William H. Shearouse.
3. Forms originated by Quality Control and Review Group and final review activities	Pete Gibson

INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

NOTE: 'Photogrammetric Positions' are dependent entirely, or in part, upon control established by photogrammetric methods. 'Field Positions' are determined by field observations based entirely upon ground control.

COLUMN TITLE

TYPE OF ENTRIES

COMPILATION

Applicable to office identified and located objects only. Enter the number and date of the photograph used to identify the object.

FIELD INSPECTION AND FIELD EDIT

1. New Position Determined—Enter the applicable data by symbols as indicated below:

- | | | |
|------------------|---------------------|-----------|
| F — Field | P — Photogrammetric | EXAMPLES: |
| 1. Triangulation | 1. Field identified | F. 3.c |
| 2. Traverse | 2. Theodolite | |
| 3. Intersection | 3. Planetable | |
| 4. Resection | 4. Sextant | P. 2 |
| a. Theodolite | | |
| b. Planetable | | |
| c. Sextant | | |

Immediately beneath the data described above, enter the following:

- For 'Field Positions' enter the date of location.
- For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

2. Triangulation Station Recovered — Enter 'Triang. Rec. mo/day/yr.'

3. Position Verified — Enter 'Verif. mo/day/yr.'

RESPONSIBLE PERSONNEL			
TYPE OF ACTION	NAME	TITLE	
1. Objects inspected from seaward		<input type="checkbox"/> FIELD INSPECTOR <input type="checkbox"/> FIELD EDITOR	
2. Positions determined and/or verified		FIELD INSPECTOR	
	William H. Shearouse	FIELD EDITOR	
	Pete Gibson	COMPILER	
3. Forms originated by Quality Control and Review Group and final review activities		<input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE	

INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

NOTE: 'Photogrammetric Positions' are dependent entirely, or in part, upon control established by photogrammetric methods. 'Field Positions' are determined by field observations based entirely upon ground control.

COLUMN TITLE

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COMPLATION

Applicable to office identified and located objects only. Enter the number and date of the photograph used to identify the object.

FIELD INSPECTION AND

FIELD EDIT

1. New Position Determined—Enter the applicable data by symbols as indicated below:

F — Field	P — Photogrammetric	EXAMPLES:
1. Triangulation	1. Field identified	F. 3.c
2. Traverse	2. Theodolite	
3. Intersection	3. Planetable	
4. Resection	4. Sextant	P. 2
a. Theodolite		
b. Planetable		
c. Sextant		

Immediately beneath the data described above, enter the following:

- For 'Field Positions' enter the date of location.
- For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

2. Triangulation Station Recovered — Enter 'Triang. Rec. mo/day/yr.'

3. Position Verified — Enter 'Verif. mo/day/yr.'

TP-00149
Data Forwarded to Federal Records Center

F

- 1 Field Edit Sheet
- 1 Discrepancy Print
- 1 Form 76-36C(History of Field Operations)
- 3 Forms 76-40 (Nonfloating Aids and Landmarks for Charts)
- 1 Sketchbook No. 11 with sextant fixes

Photography:

1:10,000 scale
70E5782 thru 5784
70L6396R