## TP-00142

### 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-00142
Classification No. Fianl Edition No 1
Field Edited Map
LOCALITY
State Florida
Géneral Locality Brevard County
Locality .Patrick .AFB .to
Satellite Beach
19 69 TO 197 <b>1</b>
REGISTRY IN ARCHIVES
DATE

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

NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIT			
(3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIT	TYPE OF SURVEY	SURVEY TP-00142	
	ORIGINAL	MAP EDITION NO.	( <sub>7</sub> )
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Rockville, Maryland	TYPE OF SURVEY	JOB PH	'
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	RESURVEY	SURVEY DATES:	
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Cooperative Coastal Boundary Mapping,	Supplement II,		
Job PH-7000, June 19, 1973	Supplement III,		
OFFICE-Supplement I, August 19, 1973	- Bield Edit(PH-7)	000 <del>1</del> 0772	
[NOTE:Office and Field Edit Instruction	ns Instructions		
(1973)incorporate applicable prior o			
operational instructions.	Coastal Zone Mar	brug, 1913.	
OFFICE-Supplement II. Sept. 24 1973	<u> </u>		
II. DATUMS			
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NOAA FORM 76-36B

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

TP-00142

71

### **COMPILATION SOURCES**

1. COMPILATION PHOTOGRAPHY		<del></del>			
CAMERA(S) E&L 6" focal lengt.	h		PHOTOGRAPHY GEND	TIME REFER	ENCE
TIDE STAGE REFERENCE  PREDICTED TIDES  REFERENCE STATION RECORDS  TIDE CONTROLLED PHOTOGRAF		(C) COLOR (P) PANCHRO		East MERIDIAN 50th & 75th	X STANDARD
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF 1	IDE
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REMARKS \*Port Canaveral, \*\*Titusville, \*\*\*Conova Beach, and \*\*\*\*Orsino Causeway Tide Stations.

### 2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the mean high-water line along the Atlantic shore is the tide coordinated black and white infrared photography listed in item 1 The line was verified by foreshore profiles determined by field edit. The mean water-level line was mapped along the shores of the Banana and Indian Rivers (refer to the Record of Decisions bound with this report). The map was field edited.

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

The source of the mean low-water line (Atlantic shore only) is the tide coordinated black and white infrared photography listed in item 1

Inapplicable	1		SURVEY COPY USED
5. FINAL JUNCTIONS			
NORTH	EAST	SOUTH	WEST
TP-00140	Atlantic Ocean	TP-00143	TP-00141

NOAA FORM 76-360 (3-72)			,	NATIONAL OCEA	NIC AND ATMOSPHERIC	NT OF COMMERCE ADMINISTRATION LOCEAN SURVEY
TP-00142		HISTORY OF	FIELD	OPERATIONS.		
I. X FIELD INSP	ECTION OPERAT	TION *Feb. 1970	Ž FIELC	EDIT OPERATION	October 197	L
	OPER				NAME	DATE
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		NO INVESTIGATIO	N			
6. PHOTO INSPEC	TION	CLARIFICATION OF DET	AILS BY	W. H. Sh		9/71
7. BOUNDARIES A	ND LIMITS	· SURVEYED OR IDENTI	FIED BY	Inapplic	able	<u> </u>
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	1					
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	70E5671,	•				
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5. GEOGRAPHIC	JAMES:	REPORT XX NONE	·	6. BOUNDARY AN	ID LIMITS: TREES	T 77
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NOAA FOR (3-72)	RM 76-36D		N.	ATIONAL OC	EANIC A			IT OF COMMERCE ADMINISTRATION
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		MPILATION STAGE	 s			DATE	IANUSCRI	PT FORWARDED
	DATA COMPILED	DATE	<u> </u>	MARKS				
	,			MA KKS		MARINE	CHARIS	HYDRO SUPPORT
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	ARKS AND AIDS TO NAVIGA							
1. REP	ORTS TO MARINE CHART DI	VISION, NAUTICAL	DATA BRANCH					<del></del>
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED			REMA			
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2. J	REPORT TO MARINE CHART	DIVISION, COAST	PILOT BRANCH.	DATE FOR	WARDED:	6/2	6/74	
	REPORT TO AERONAUTICA		, AERONAUTICAL	DATA SEC	TION. DA	TE FOR	VÁRDED:	
1.	BRIDGING PHOTOGRAPHS;	DUPLICATE		_				
=:	CONTROL STATION IDENTS SOURCE DATA (except for G ACCOUNT FOR EXCEPTION	eographic Names Re	_					
4. 🗀	DATA TO FEDERAL RECOR	RDS CENTER. DAT	E FORWARDED:					-
IV. SURVE	Y EDITIONS (This section s	hall be completed ea	ich time a new maj	edition is re	egistered)	<del></del>		
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SECOND	TP -	(2) PH			∐ R€/	ISED		URVEY
EDITION	DATE OF PHOTOGRAPH	DATE OF FI	ELO <b>EO</b> IT	ı □n.	П	MAPC		□ <b></b>
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EDITION	DATE OF PHOTOGRAPH	Y DATE OF FI	ELD EDIT	<b>□</b> 11.	<u> </u>	MAP C □ìV.	LASS	□ FINAL

### Shoreline Delineation

The mean low-water and mean high-water tidal datums were determined along the outer coast (Atlantic Ocean) from tide observations at Patrick Air Force Base Tide Station (shown on this map) and Canova Beach Tide Station (just south of this map). The interior water areas shown on this map are Banana River and Indian River. The datum in Banana River was established by observations at Carters Cut Tide Station (situated just south of this map) and the datum in Indian River was established by observations at Pineda Tide Station (just east of this map).

Both tide stations, Carters Cut and Pineda, were used for establishing the datums in the interior waters; the periodic tide was masked by nontidal forces and the mean range was less than twotenths of a foot. In this situation, the mean high/low-water datums converge and, for mapping purposes, the mean high- and mean low-water lines are indistinguishable. As a consequence, special treatment was given to the portrayal of the shoreline of the interior waters on this map; the mean water-level line was mapped in lieu of the mean high-water line and shown by a distinctive symbol, except in areas where there are manmade features such as bulkheads which were portrayed by a solid line, or where vegetation such as mangrove obscures the shoreline and then the apparent shoreline symbol was used.

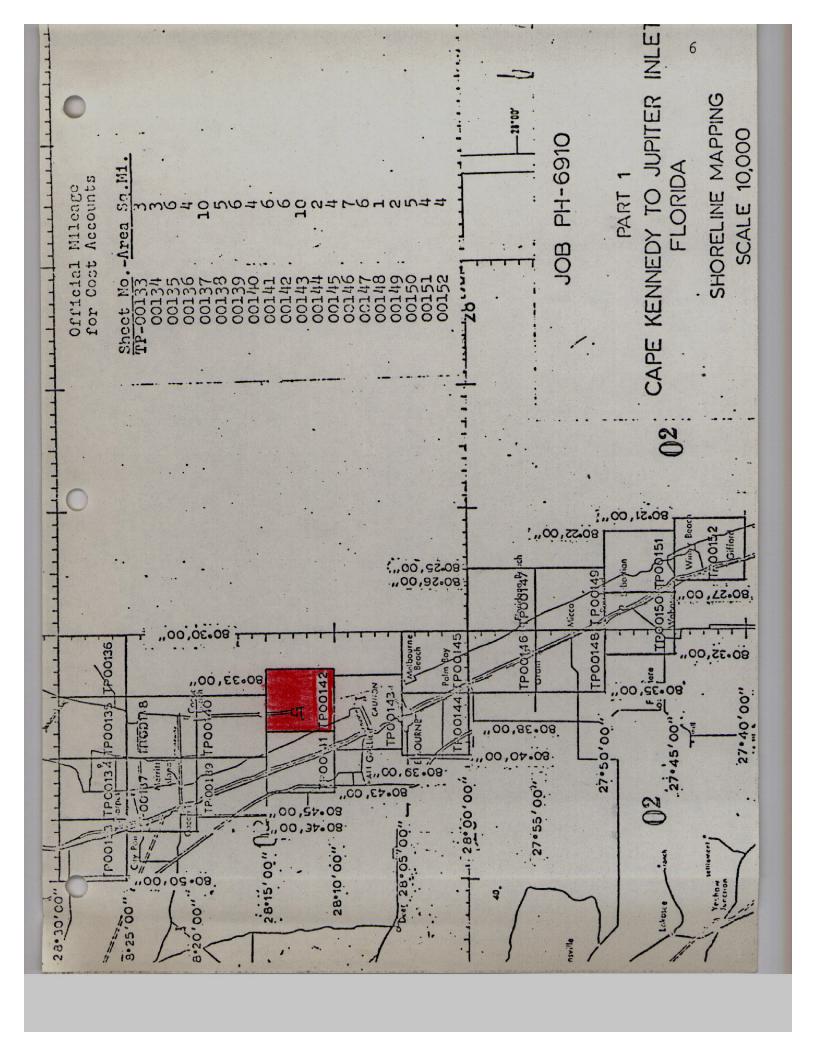
### \* Decision Responsibility for Shoreline Symbolization

Specific decisions as to the symbolization for mapping the mean water-level line, apparent shoreline, and solid lines for the along-shore manmade features 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. Thurlow, 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-00142 which will be permanently filed in the NOS Archives.

\* See Review Report for clarification of date.



### SUMMARY TP-00133 thru TP-00152

Coastal Zone Map TP-00142 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 tidecoordinated 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 threee 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 - FIZLD - 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.

TRIPCD 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 2 3 4 5 6 7 8 9 10 11 12 13 14 15	CENTRAL ARTESIA PCSE MUNSON PATRICK N. BASE TRIPOD 3 COLLEGE 2 TURKEY CREEK VALKARIA SLIP 2 SEBASTIAN 2 SCORPION 2 RICMAR 2 PIERCE 2 WHITE 2	1950 1953 1966 1940 1960 1963 1934 1966 1934 1961 1960 1963 1966	TP-00136  TP-00138  TP-00139  TP-00140  TP-00142  TP-00143  TP-00144  TP-00146  TP-00149  TP-00150  TP-00153  TP-00155  TP-00156	CAPE CANAVERAL  ""  COCOA BEACH  ""  TROPIC  MELBOURNE EAST  GRANT  SEBASTIAN NW  SEBASTIAN  VERO BEACH  INDRIO  FORT PIERCE

STATICN NO.	NAME		MAP NO.	USGS QUADRANGLE
16 17 18 19 20 21	WALTON REFUGE 2 RM # 4 SEWALL PINE CISTERN RADAR GOLF RM # 1	1930 1967 1934 1929 1956 1954 1934	TP-00157 TP-00160 TP-00159 TP-00162 TP-00163 TP-00164 South of TP-00164	ANKONA ST. LUCIZ INLET GCMEZ HOEE SOUND JUPITER RIVIERA BEACH

Targets were visited after photography and found to be in good condition. No center panels were damaged except GCLF RM I 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. Shes 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

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Strip 23A -- 70-L(C)-9991A thru 004A

Strip 24 -- 70-L(C)-007A thru 015A

Strip 25 -206-E(C)-5760 thru 5768

Strip 26 --- 70-E(C)-5772 thru 5794
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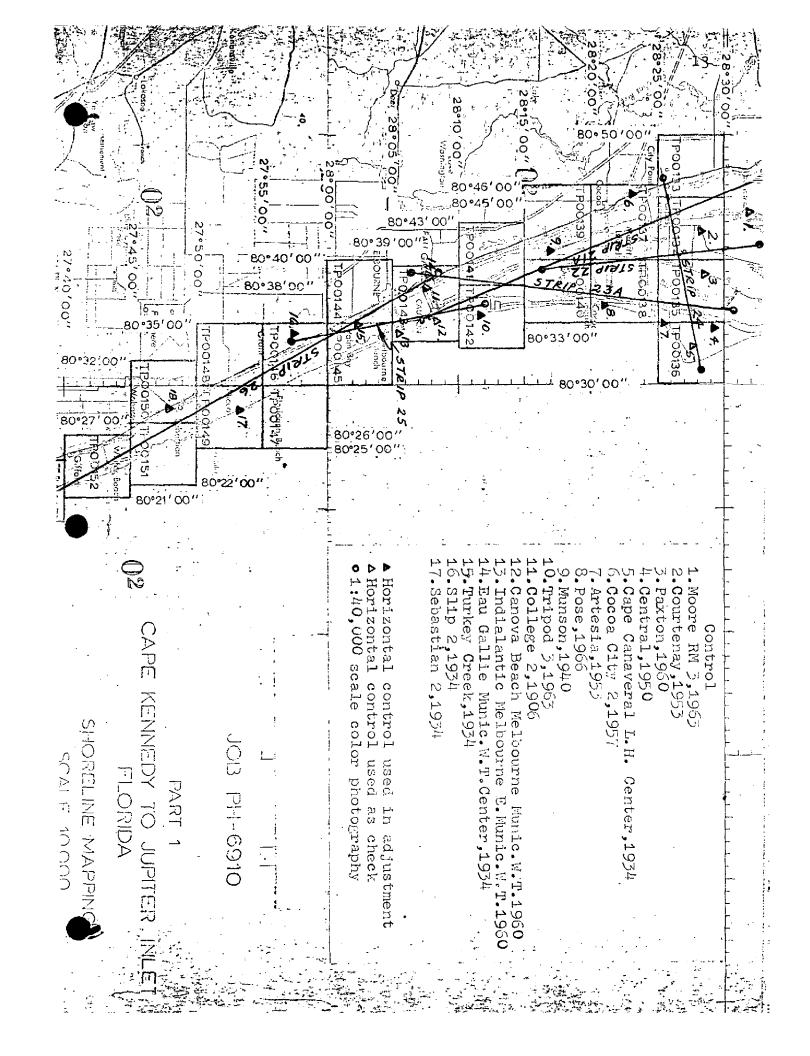
The definition and quality of the photography were good.

Respectfully submitted:

hong & Sasentas I. I./Saperstein

Approved and forwarded:

Henry P. Eichert, Chief Aerotriangulation Section



### Horizontal Control

Map TP-00142

Station	NOS Geodetic Data Reference for Description, Positions, Coordinates and Azimuths
SEA, 1958	Distribution of data is restricted.
BOULD, 1958	Write the Director, National Geodetic Survey, for information.
CONCRETE 3, 1956	ห
PATRICK AFB WATER FANK (SOUTH 1 of 3) 1957	11
rripod 3, 1963	: If
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Geodetic	Elevations (feet)	
Bench Mark	SLD 1929	Condensed Description
บ 230	14.954	C&GS disk stamped U 230 1965; in NE corner of catch basin, 27.3 ft. W. of S-bound lane centerline.
TRIPOD RM 3	14.265	C&GS disk stamped TRIPOL NO. 3 1934; 33 ft. W of S-bound lane centerline, 10.5 ft. N fence corner, 1.2 ft. E of fence.
TRIPOD 3	14.485	C&GS disk stamped TRIPOD 3 1963; 56 ft. E centerline N-bound lane, 65 ft. NE of S end road divider, 3.2 ft. W of witness post.
JLR 48 (USE)	14.003	U.E. Engineers disk stamped JLR 48 CANARVAL DISTRICT; 7 ft. W of beach bluff, 23 ft. N of sand trail centerline, 2 ft. E witness post.
J 206	10.446	C&GS disk stamped J 206 1963; in SE corner concrete base of pump house (bldg. 979).
concrete 3	10.233	C&GS disk stamped CONCRETE 3 1956; 72 ft. W centerline S-bound lane, 9.4 ft. NE of E corner IM 99 missile.
x 303	3.904	C&GS disk stamped X 303 1970; 22 ft. E highway centerline, 2 ft. S monument, 77 ft. N power pole 17.
¥ 303	5.397	C&GS disk stamped Y 303 1970; on concrete culvert, 21 ft. W highway centerline.
вопгр	12.126	(*)
BOULD RM 1	12.192	(*)
SEA	12.149	(*)
т 132	12.310	(*)

<sup>\*</sup> Description given under Tidal Bench Marks.

### 31. Delineation

The shoreline and offshore features were compiled from office interpreted tide-coordinated black and white infrared photography, supplemented by the rectified color photography. The rectified color photography was used for the interpretation of cultural shoreline features. The tide coordinated black and white infrared photography was controlled by common detail from the rectified color photographs and map points determined by aerotriangulation.

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 mosaic was controlled by image points determined by aerotriangulation.

Pineda Causeway was under construction at the time the 1970 photography was taken. The field editor was asked for recommendations for mapping the causeway.

### 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. Drainiage is shown by the orthophoto mosaic.

### 35. Shoreline and Alongshore Detail

The mean high-water and mean low-water lines are mapped along the Atlantic shore. Foreshore profiles are recommended because of surf.

The mean water-level line was mapped along the shores of the Banana River, and a portion of the Indian River. (Refer to the Record of Decisions bound with this report.)

### 36. Offshore Details

Details offshore were delineated from the interpretation of the photography.

### 37. Landmarks and Aids to Navigation

The images of charted objects visible on the photography were located during compilation and will be verified by field edit. Objects not visible on the photography will be located by the field editor.

### 38. Control for Future Surveys

Tidal bench marks established by the Tide Observation Party.

### 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 was made with U.S.G.S. Quadrangle TROPIC, Fla., scale 1:24,000 edition of 1951, contour interval 5 feet.

No significant differences were noted.

### 47. Comparison with Nautical Charts

Comparison was made with Nautical Chart 1246, 6th edition, October 3, 1970.

No significant differences were noted.

Items to be Applied to Nautical Charts Immediately: None.

Items to be Carried Forward: None.

Respectfully submitted,

Patrick J. Dempsey

Carto(Photo)

Approved and Forwarded:

J. P. Battley, Jr.

Chief, Coastal Mapping Section

### Field Edit Report, Map TP-00142, 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 Banana and Indian River shorelines were verified visually from a small boat while cruising just offshore. No major inadequacies were found. Notes regarding apparent and "fast" shoreline, piers and other alongshore structures were made on the photographs.

Five presently charted landmarks and one new one are recommended to be carried forward. Form 76-40 is submitted.

Three standard nonfloating navigational aids were verified by sextant or direct marking on the photograph. Two of these aids constitute a range and a point-on-range was established by sextant fix.

Four channel markers and two range lights are maintained by the Patrick (Air Force Base) Yacht Club. This is not a public facility and it is recommended that these aids be shown as channel markers only. They are semitted from the Form 76-40.

All known triangulation stations were searched for and reported on Form 526 in April 1971.

Bench marks were searched for and identified on contact photographs, Forms 685A being submitted in April 1971.

Field edit notes will be found on the Discrepancy Print, the Field Edit Sheet and rectified photographs 70E5761, 70L002A and 69E4258.

### 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

Not required.

### 56. GEOGRAPHIC NAMES

A complete names investigation was not required. It is recommended that the names PATRICK AIR FORCE BASE and PINEDA EXPRESSWAY be added.

The name SATELLITE BEACH is correct on the advance map manuscript copy and has been added to the Preliminary Name Sheet furnished by the Geographic Names Section. This name applies to an incorporated city and not just a stretch of ocean beach.

No other new names or conflicts were noted.

Submitted 10/1/71

William H. Shearouse

William A. Shearous

Chief, Photo Party 60

### Remarks - Application of Field Edit Data

The field editor recommended taking new photography for mapping the Pineda Causeway, which was under construction at the time of field edit. Color photography was taken and used for the mosaic and for graphic compilation.

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

### Review Report TP-00142 Coastal Zone Map May 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 Groug. 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 officialssof 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 this map (TP-00142) and the following USGS quadrangle:

Tropic, Florida, 1949, 1:24,000 scale, photorevised 1970.

No significant differences were noted.

A comparison was made between the published map and Nautical Charts 843-SC and 1246. The following differences were noted:

1. Nautical Chart 843-SC shows a wreck at Latitude 28°11.2' and longitude 80°36.8'. The published map does not show the wreck and no mention of the wreck was made by the field edit.

- 2. The Nautical Charts (843-SC and 1246) show piling located at latitude 28°11.8' and longitude 80°37.8'. These piling are not shown on the published map and no mention of them was made by the field edit of 1971.
- 3. The nonfloating aids to navigation shown on the published map were located or verified by field edit dated 7/27/71. These aids do not agree in name or position with the Nautical Charts (843-SC and 1246) and the 1974 C.G. Light List. The aids are shown on the published map with the following names and numbers:

Front Range Daybeacon 7
Rear Range Daybeacon 7
Daybeacon 5

### 66 ouAdequacy of Results and Future Surveys

Coastal Zone Map TP-00142 complies with the project instructions for NOS Cooperative Mapping, Job PH-7000. This map meets the National Map Accuracy Standards.

-Submitted by,

Donald M. Brant

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

Feb. 9, 1973

GEOGRAPHIC NAMES

FINAL NAMES SHEET

Ph-6910 N (Florida)

TP-00142

Atlantic Ocean

Banana River

Indian River

Merritt Island

· Nesbit Island

Patrick Air Force Base

Satellite Beach

South Patrick

Approved by:

A. Joseph Wraight

Chief Geographer

Prepared by:

C. E. Harrington

Cartographer

NO.A FORM 76-49	-49	U.S. DEPARTMENT OF CO	NY OF COM	AMERCE-NA	TIONAL OC	HANIC AND	MMERCE-NATIONAL OCIEANIC AND ATMOSPHERIC ADMINISTRATION	MINISTRATION	ORIGINATING ACTIVITY	IIVITY
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3. Forms originated by Quality Control and COPY Cl Review Group and final review activities D	פּי	2. Positions determined and/or verified W		1. Objects inspected from seaward	TYPE OF ACTION	
Copy checked after typing D. Brant	P. Dempsey	W.H. Shearouse		W.H. Shearouse	NAME	RESPONSIBLE PERSONNEL:
REVIEWER  XX QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE	COMPILER	FIELD EDITOR	FIELD INSPECTOR	FIELD INSPECTOR	TITLE	

# 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.

							AND FIELD EDIT	FIELD INSPECTION	COMPILATION	COLUMN TITLE
2. Triangulation Station Recovered - Enter 'Triang. Rec. mo/day/yr.'	was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.	a. For 'Field Positions' enter the date of location. b. For 'Photogrammetric Positions' enter the date of field work; and	Immediately beneath the data described above, enter the following:	a. Theodolite b. Planetable	a a	1. Triangulation 1. Field identified 2. Theodolite	F - Field P Photogram	1. New Position Determined-Enter the applicable data by symbols as indicated below:	Applicable to office identified and located objects only. Enidentify the object.	TYPE OF ENTRIES
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	RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME	TITLE
1. Objects inspected from seaward:	W.H. Shearouse	TX FIELD EDITOR
		FIELD INSPECTOR
2. Positions determined and/or verified	W.H. Shearouse	FIELD EDITOR
	P. Dempsey	COMPILER
<ol> <li>Forms originated by Quality Control and Review Group and final review activities</li> </ol>	Copy checked after typing D. Brant	REVIEWER  X 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.	used to
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3. Position Verified — Enter 'Verif, m

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TYPE OF ACTION	NAME	TITLE
1. Objects inspected from seaward		FIELD INSPECTOR
		FIELD INSPECTOR
2. Positions determined and/ar verified	W. H. Shearouse	FIELD EDITOR
		COMPILER
3. Forms originated by Quality Control and Review Group and final review activities		GROUP REPRESENTATIVE

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	FIELD INSPECTION AND FIELD EDIT	COLUMN TITLE
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- 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.'...

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TYPE OF ACTION	NAME	TITLE
1. Objects inspected from secward		FIELD INSPECTOR
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2, Pasitions determined and/or verified	W. H. Shearouse	FIELD EDITOR
		COMPILER
3. Forms originated by Quality Control and		REVIEWER
Review Group and final review activities		GROUP REPRESENTATIVE

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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.	date of the photograph used to
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	1. Triangulation 1. Field identified	
.:	<ul><li>2. Traverse</li><li>3. Intersection</li><li>3. Planetable</li></ul>	F. 3.c
	4. Resection	P.2
	a. Theodolite b. Planetable c. Sextant	

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

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.

Immediately beneath the data described above, enter the following:

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

### TP-00142 Data Forwarded to Federal Records Center

- 1 Field Edit Sheet
- 1 Discrepancy Print
- 1 Form 76-36C (History of Field Operations)
- 2 Forms 76-40 (Nonfloating Aids or Landmarks for Charts)
- 1 Sheet showing foreshore beach profiles for TP-00142 and TP-00143 dated September 16, 1971.

### Photography:

scale 1:10,000 69E4258 70L002A 70E5761 Contact scale 70L6685 70L7538 70L7539