

10826

10826

Diag. Cht. No. 1243-2.

Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Planimetric
Field No. Ph-5802	Office No. T-10826
LOCALITY	
State	Florida
General locality	Duval County
Locality	St. Johns River - Sisters Creek
<u>1958-59</u>	
CHIEF OF PARTY J.P.Randall, Chief of Field Party A.L.Wardwell, Tampa District Office	
LIBRARY & ARCHIVES	
DATE	October 1961

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T - 10826

Project No. (II): **Ph-5802** Quadrangle Name (IV):

Field Office (II): **Jacksonville Fla.**

Chief of Party: **James P. Randall**

Photogrammetric Office (III): **Tampa, Fla.**

Officer-in-Charge: **Arthur L. Wardwell**

Instructions dated (II) (III): **3 July 1958**

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): **Kelsh Plotter**

Manuscript Scale (III): **1:10,000**

Stereoscopic Plotting Instrument Scale (III): **1:5,000**

Scale Factor (III): **Pantographed to 1:10,000**

Date received in Washington Office (IV): **1/19/60** Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): **1/18/61**

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N. A. 1927**

Vertical Datum (III): **MHW**

~~Reference~~ except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): **Summit 1932**

Lat.: **30°23'16.632" (512.1M)**

Long.: **81°29'23.419" (625.2M)**

Adjusted
~~coordinates~~

Plane Coordinates (IV):

State:

Zone:

Y=

X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

DESCRIPTIVE REPORT - DATA RECORD

PLANIMETRIC

Areas contoured by various personnel
(Show name within area)
(II) (III)

Inapplicable

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **Jerome E. Tolodziecki**
Joseph K. Wilson
Oliver J. Weber Date: **Oct. 1958**
Jan. 1959
Jan. 1959

Planetable contouring by (II): **Inapplicable** Date:

Completion Surveys by (II): Date:

Mean High Water Location (III) (State date and method of location): **Air photo compilation**
Date of Photography: 8 May 1958

Projection and Grids ruled by (IV): **W. O. (P. Dempsey)** Date: **8 Aug. 1958**

Projection and Grids checked by (IV): **W. O. (R. D. Shoup)** Date: **8 Aug. 1958**

Control plotted by (III): **E. Pursel** Date: **Feb. 1959**

Control checked by (III): **W. W. Dawsey** Date: **Apr. 1959**

~~Photogrammetric~~ Stereoscopic Date:

Control extension by (III): **Washington Office**

Planimetry **W. W. Dawsey** Date: **May 1959**

Stereoscopic Instrument compilation (III):
Contours **Inapplicable** Date:

Manuscript delineated by (III): **W. W. Dawsey** Date: **May 1959**

Photogrammetric Office Review by (III): **Compilation Manuscript**
W. H. Shearouse Date: **June 1959**

Advance Manuscript
I. I. Saperstein **Nov. 1959**

Elevations on Manuscript
checked by (II) (III): **Inapplicable** Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): **Wild Aviagon "S" and Infragon "I"**

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
58-S-2938	8 May 1958	09:54	1:10,000 Ratio	3.0
2939	" " "	09:55	"	"
2940	" " "	09:56	"	"
2949	" " "	10:04	"	"
2950	" " "	10:04	"	"
2951	" " "	10:05	"	"

Predicted

Tide (III)

Reference Station: **Mayport Florida**
Subordinate Station:
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
-	4.5	5.3

Washington Office Review by (IV): *W. Streifler*
Final Drafting by (IV): *Tampa District Office*
Drafting verified for reproduction by (IV): *W. Streifler*
Proof Edit by (IV): *W. Streifler*

Date: *Sept. 1960*
Date:
Date: *Sept. 1960*
Date: *18 Jan. 1961*

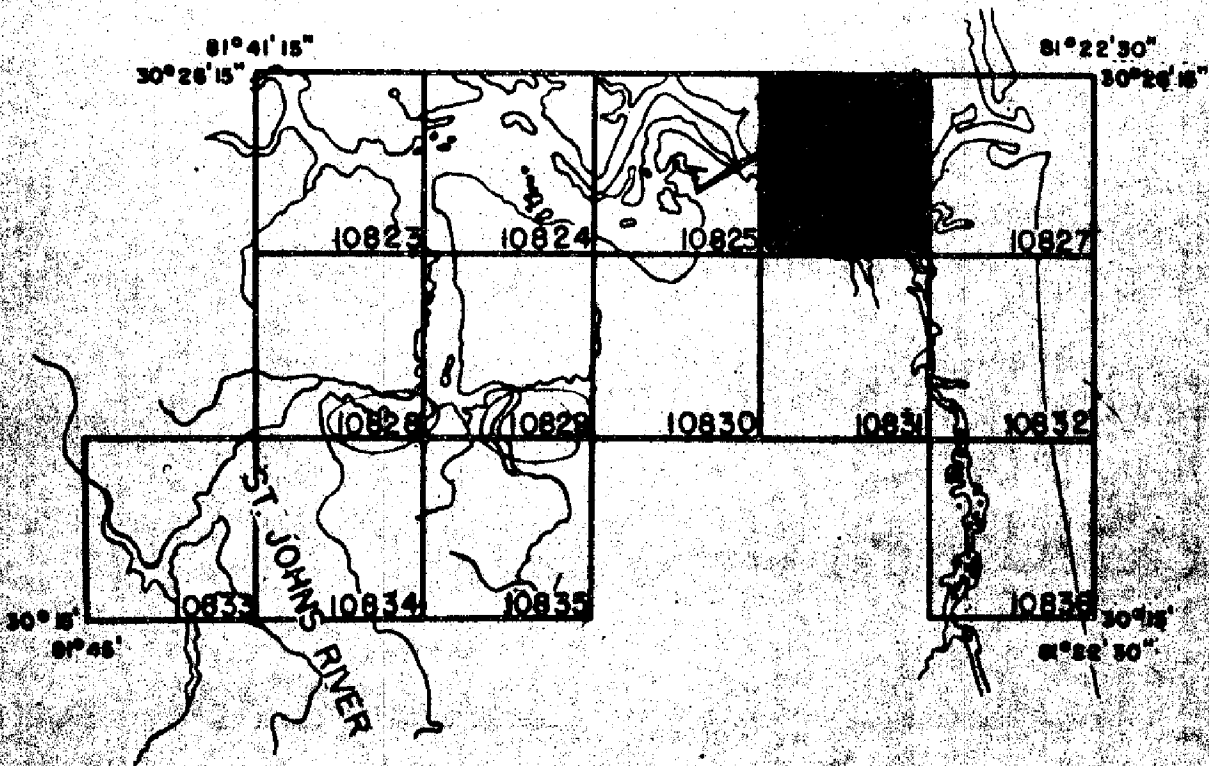
Land Area (Sq. Statute Miles) (III): **14.3**
Shoreline (More than 200 meters to opposite shore) (III): **27.1**
~~Shoreline (Less than 200 meters to opposite shore) (III):~~
Control Leveling - Miles (II): **Inapplicable**
Number of Triangulation Stations searched for (II): **26 *** Recovered: **13**** Identified: **2**
Number of BMs searched for (II): **1** Recovered: **1** Identified: **1**
Number of Recoverable Photo Stations established (III): **None**
Number of Temporary Photo Hydro Stations established (III): **None**

Remarks: * 2 fall north of sheet and outside project limits
** 1 is north of sheet limits

PROJECT PH-5802

Planimetric Mapping

Florida, St. Johns River



Official Mileage for Cost Accounts

Sheet No.	Area Sq. Mi.	Lin. Mi. Shoreline
10823	11.9	16.7
10824	8.0	23.4
10825	11.9	34.1
10826	14.3	27.1
10827	6.4	15.8
10828	13.5	9.2
10829	12.7	12.6
10830	12.7	3.8
10831	15.6	10.1
10832	11.1	8.2
10833	10.3	21.5
10834	8.0	7.6
10835	15.6	6.3
10836	12.7	8.8
Total	Area 164.7	Lin. Mi. 205.2

6

SUMMARY
To Accompany Planimetric Map Manuscripts
T-10823 through T-10836

Subject surveys represent Planimetric Mapping Project PH-5802. It consists of fourteen (14) T-sheets, which cover the northern portion of the St. Johns River - from the entrance on the Atlantic Coast to the city of Jacksonville - in the State of Florida.

T-10823 through T-10836 were compiled by stereoscopic instrument methods (Kelsch Plotter) in 1958-59 at the Tampa District Office. The compilations are based on single-lens photography of May 1958 and field inspection of 1958-59. Advanced shoreline information and control (compiled at the Washington Office by stereoplanigraph) was made available to support hydrographic surveys of 1958-59.

The submitted map manuscripts are the result of adequately scribed sheet and after minor corrections and improvements during Washington Office Review, suitable for direct reproduction of permanent file copy.

Cronar film positives at the compilation scale of 1:10,000 and the Descriptive Reports will be registered and filed in the Bureau Archives.

October 1960

THE FIELD INSPECTION REPORT
IS SUBMITTED WITH T-10827

MAP T. 10526 PROJECT NO. 5002 SCALE OF MAP 1:10000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	
✓ P.P. 6 (USE) 1933	P.C. 31	NA 1927	2,210,021.39	✓	673,618.9	✓	-	Plotted		
✓ P.P. 5 (USE) 1933	P.C. 31	NA 1927	2,213,527.78	✓	108,506.8	✓	-	Purcell		24 Feb 59
			2,203,077.02	✓	674,906.0	✓	-			
			352,246.42	✓	108,368.5	✓	-			
White Shell 2 (USE) 1926	P.C. 35	NA 1927	2,207,652.94	✓	671,499.83	✓	-			
✓ P.P. 1 (USE) 1932	P.C. 31	NA 1927	2,207,652.94	✓	107,364.9	✓	-			
			2,207,652.94	✓	672,894.0	✓	-			
			2,211,534.61	✓	108,837.6	✓	-			
Perry (USE) 1933	P.C. 31	NA 1927	357,003.39	✓	674,077.1	✓	-			
			2,204,947.47	✓	108,814.8	✓	-			
			345,940.35	✓	672,069.3	✓	-			
			2,214,538.14	✓	105,442.8	✓	-			
Duke (USE) 1932	P.C. 31	NA 1927	357,415.47	✓	674,992.6	✓	-			
✓ Andy (USE) 1932	P.C. 31	NA 1927	2,219,339.99	✓	105,940.5	✓	-			
			356,296.53	✓	676,455.6	✓	-			
			2,201,576.91	✓	108,506.8	✓	-			
			345,396.87	✓	671,042.0	✓	-			
B.M. # (USE) 1926	P.C. 41	NA 1927	2,201,264.28	✓	105,277.3	✓	-			
✓ Summit 1932	P.C. 4	NA 1927	345,550.62	✓	670,946.7	✓	-			
			2,204,721.93	✓	105,324.0	✓	-			
			342,822.52	✓	672,000.6	✓	-			
			2,216,953.71	✓	104,492.5	✓	-			
✓ Skeet (USE) 1932	P.C. 31	NA 1927	356,416.66	✓	675,728.8	✓	-			

1 FT. = 3048006 METER

COMPUTED BY: E. Purcell

DATE: 11 Feb 1959

CHECKED BY: 113

DATE: 12 Feb 1959

MAP T-10826 PROJECT NO. 5802 SCALE OF MAP 1:10000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID μ -LINE, OR PROJECTION-LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
Horseshoe 1853	P.C. 27 NA 1927		2,218, 050.77 ✓ 355, 459.74 ✓	676, 063.2 ✓ 108, 344.3 ✓		-	Plotted Purcell		
Sherman (u.s.e.) 1905			2,199, 173.47 ✓ 361, 440.95 ✓			-			
Mile Point (USE) 1926	P.C. 30 NA 1927		2,199, 773.04 ✓ 358, 453.29 ✓	670, 492.2 ✓ 109, 256.8 ✓		✓			
John (USE) 1932	P.C. 31 NA 1927		2,202, 082.36 ✓ 353, 635.96 ✓	671, 196.0 ✓ 107, 788.5 ✓		✓			
Pond (USE) 1932	P.C. 31 NA 1927		2,217, 002.72 ✓ 354, 942.09 ✓	675, 743.8 ✓ 108, 186.6 ✓		✓			
F.P. (USE) 1933	P.C. 31 NA 1927		2,218, 565.69 ✓ 359, 546.86 ✓	676, 220.2 ✓ 109, 283.5 ✓		✓			
Island 2 (USE) 1908	P.C. 34 NA 1927		2,200, 152.15 ✓ 351, 420.78 ✓	670, 607.7 ✓ 107, 113.3 ✓		✓			
Shell (USE) 1933	P.C. 30 NA 1927		2,209, 621.01 ✓ 357, 202.30 ✓	673, 493.8 ✓ 108, 875.5 ✓		✓			
Cliff (USE) 1932	P.C. 31 NA 1927		2,205, 745.52 ✓ 356, 445.53 ✓	672, 313.6 ✓ 108, 644.8 ✓		✓			
Pine (USE) 1932	P.C. 31 NA 1927		2,203, 931.26 ✓ 354, 459.12 ✓	671, 759.6 ✓ 108, 033.2 ✓		✓			
Round Pond 1853	P.C. 30 NA 1927		2,210, 576.09 ✓ 362, 502.80 ✓	673, 784.9 ✓ 110, 491.0 ✓		OH	T-10827		
T.P. 8 (USE) 1933	P.C. 31 NA 1927		2,202, 248.52 ✓ 355, 253.63 ✓	671, 246.7 ✓ 108, 281.5 ✓		✓			

1 FT. = 3048006 METER

COMPUTED BY: F. Purcell

DATE 10 Feb 1959

CHECKED BY: H/S

DATE 12 Feb 1959

COMPILATION REPORT
T-10826

PHOTOGRAMMETRIC PLOT REPORT

The stereoscopic bridge report submitted by the Washington Office is included in the report for T-10827.

31. DELINEATION

The kelsh plotter was used. The field inspection was adequate and no problems were encountered in the interpretation of the photographs except in the marsh areas where the infra-red photographs showed differences in the character of the drainage patterns. Spoil areas of sufficient size and permanence were delineated with the appropriate vegetation symbol or left "open".

Two sets of photographs were available. They were the "s" series (panchromatic) contact and ratio prints; and "L" series (infra-red) 1:25,000 contact prints only. The diapositives furnished for the Kelsh plotter were of the "S" series.

32. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

Three blue prints were furnished the compiler concerning the limits and details in the vicinity of the U. S. Naval Station Mayport:

- 1. Flight obstruction removal project plan (2 of)
- 2. Land acquisitions map for shore station development.

Pertinent correspondence is bound with this report.

34. CONTOURS AND DRAINAGE

Contours inapplicable. The drainage was delineated in accordance with the field inspection notes or was evident on the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

Alongshore detail, low-water, and shoal lines were shown as indicated by the field inspector.

U. S. Navy Department
6th Naval District

23 June 1956

To: Officer in Charge
Public Works Office
Bureau of Yards and Docks
U. S. Navy Department
6th Naval District
Charleston, S. C.

Subject: Boundaries of Mayport Naval Auxiliary Air Station

Reference: Project Instructions Ph-5802, dated 23 July 1956,
Paragraph 6.03

This office is now engaged in a mapping project in the vicinity of St. Johns River. We would appreciate an authoritative boundary map of the Mayport Naval Auxiliary Air Station with the Florida Plane Coordinates of the boundary monuments, if available. We are particularly interested in the positions of the boundary along the Intracoastal Waterway and Highway A1A.

Arthur L. Wardwell
CDR, CGOS, Tampa District Officer

William A. Masuro
By direction of the District Officer

36. OFFSHORE DETAILS

See Item 8 of the field inspection report.

37. LANDMARKS AND AIDS

Forms 567 for Aids to Navigation are submitted with this compilation report.

Comparison of azimuths of Ranges as determined by this survey with the 1959 LIGHT LIST, reveals the following differences:

<u>Name of Range</u>	<u>Light List</u>	<u>T-10826</u>
Fulton Cutoff Range	79°	79 1/4°
Short Cut Range	91°	91 3/4°
Mile Pt. Lower Range	241 1/2°	245 1/4°
Sherman Cut Range	221°35'	221 1/4°
White Shells Cut Range	62°42'	62 1/2°

38. CONTROL FOR FUTURE SURVEYS

None established.

39. JUNCTIONS

Junctions have been made with the following:

T-10827 to the east	T-10831 to the south
T-10825 to the west	No contemporary survey to the north.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with planimetric maps No. T-5235, T-5671 and T-5672, scale 1:10,000 compiled from photographs taken in 1933. Normal changes plus some due to the passage of time constitute the differences noted.

Comparison was made with USGS Quadrangle Mayport Fla. scale 1:24,000 Edition of 1950. Some of the same differences exist that are mentioned in the preceding paragraph, but generally the comparison is favorable.

47. COMPARISON WITH NAUTICAL CHARTS


Comparison was made with C&GS Charts No. 577 and 842, scale 1:40,000, revised to the 10th of February 1958. No significant differences were noted.


ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.


W. W. Dawsey
Cartographer (Photo)

Approved and Forwarded:

Arthur L. Wardwell
Chief of Party

48. GEOGRAPHIC NAME LIST

Banjo Creek
Black Hammock Island

Cedar Point Creek
Chicopit Bay
Clapboard Creek
Colorinda Creek

Dark Entrance
Deep Creek
Duval County

Fanning Island
Florida

Garden Creek
Great Marsh Island

Hannah Mills Creek

*Intracoastal Waterway

Little Marsh Island

Mile Point

Pine Island

Shad Creek
Sherman Point
*Sisters Creek
ST Johns Bluff
St Johns Creek
*St Johns River

U.S. Naval Station Mayport

* B.G.N. Decision

George M. Bow
GEOGRAPHIC NAMES SECTION
20 OCTOBER 1960

NONFLOATING AIDS ~~ON/UNUSABLE~~ FOR CHARTS

STRIKE OUT TWO

20 November 1959

Tempa, Florida

TO BE CHARTED
ON REVISION
UNLESS INDICATED

I recommend that the following objects which have ~~been~~ ^{been} inspected from seaward to determine their value as landmarks be charted on ~~charts~~ ^{charts} the charts indicated.

The positions given have been checked after listing by

Walter W. Dewey

Arthur L. Harwell

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	MAYOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE*		LONGITUDE*		DATUM							
				° ' "	D. M. METERS	° ' "	D. P. METERS								
FLORIDA	<u>ST. JOHNS RIVER</u>														
LIGHT	FULTON CUTOFF RANGE REAR			30 23	10.89	81 29	35.56	N.A.	1927	Photo Plate T-10826	Jan 1959	X		577	
LIGHT	WHITE SHELLS CUT RANGE FRONT			30 23	16.18	81 28	12.82	"	"	"	"	X		0	
LIGHT	TRAINING WALL RANGE FRONT			This is the same light as WHITE SHELLS CUT RANGE FRONT											
LIGHT	WHITE SHELLS CUT RANGE REAR			30 23	51.21	81 28	31.62	N.A.	1927	Photo Plate T-10826	1959	X		0	
LIGHT	TRAINING WALL RANGE REAR			30 23	55.47	81 28	57.09	"	"	"	"	X		0	
LIGHT 26	SHORT CUT RANGE FRONT			30 23	17.08	81 28	152.1	"	"	"	"	X		0	
LIGHT	SHORT CUT RANGE REAR			30 23	18.84	81 28	19.59	"	"	"	"	X		0	
LIGHT	HILLS PT LOWER RANGE FRONT			30 22	11.96	81 27	52.3	"	"	"	"	X		0	
LIGHT	HILLS POINT UPPER RANGE FRONT			30 22	12.70	81 27	10.00	"	"	"	"	X		0	
LIGHT	HILLS POINT LOWER RANGE REAR			This is the same light as HILLS PT LOWER RANGE FRONT											
LIGHT	HILLS POINT LOWER RANGE REAR			30 22	17.87	81 27	21.95	"	"	"	"	X		0	
LIGHT	HILLS POINT UPPER RANGE REAR			30 22	11.66	81 26	586	"	"	"	"	X		0	
LIGHT 1	PABLO CREEK			30 22	10.37	81 27	15.34	"	"	"	"	X		0	
	*Date taken from the date of field inspection														

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

PHOTOGRAMMETRIC REVIEW BRANCH U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS ~~ON/UNDERMARKS~~ FOR CHARTS

Tampa, Florida

20 November 19 59

TO BE CHARTED
STRIKE OUT TWO

I recommend that the following objects which have ~~NOT~~ been inspected from seaward to determine their value as landmarks be charted on (~~charts~~) the charts indicated.

The positions given have been checked after listing by ~~ROBERT H. DANNEY~~

Arthur L. Wardwell
Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	CHARTS AFFECTED				
				LATITUDE*		LONGITUDE*				DATUM	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				°	'	°	'							
FLORIDA		<u>INTRACOASTAL WATERWAY</u>												
		<u>ST. JOHNS RIVER MATANZAS INLET</u>												
	LIGHT 1	PABLO CREEK		30 22	81 27	31.166 8110	N.A. 1927	Photo Plot T-10826	Jan 1959	X	X			577 842
	DAYBEACON 5	" "		30 22	81 27	25.35 677	" "	" "	" "	X	X			" "
		<u>FERNANDINA BEACH - ST. JOHNS RIVER</u>												
	LIGHT 77	SISTERS CREEK		30 25	81 27	59.53 1833	" "	" "	" "	X	X			" "
	LIGHT 79	" "		30 25	81 27	33.12 1020	" "	" "	" "	X	X			" "
	DAYBEACON 80	" "		30 25	81 27	13.00 425	" "	" "	" "	X	X			" "
	LIGHT 82	" "		30 24	81 27	24.49 754	" "	" "	" "	X	X			" "
	LIGHT 83	" "		30 24	81 27	04.77 147	" "	" "	" "	X	X			" "
	LIGHT 85	" "		30 23	81 27	47.45 1161	" "	" "	" "	X	X			" "
	LIGHT 86	" "		30 23	81 27	31.14 959	" "	" "	" "	X	X			" "
	Date taken from the date of field inspection													

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

NONFLOATING AIDS ~~ON/AT~~ MARKERS FOR CHARTS

TO BE CHARTED
~~TO BE REVIEWED~~
~~TO BE RELETED~~ } STRIKE OUT TWO

Tampa, Florida

20 November, 19 59

I recommend that the following objects which have ~~(been reviewed)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(the charts)~~ the charts indicated.

The positions given have been checked after listing by Webster W. Daussey

Arthur L. Vardwell

Chief of Party.

STATE	FLORIDA	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	CHARTS AFFECTED
					LATITUDE*		LONGITUDE*					
					D. R. METERS	" "	D. R. METERS	" "				
		ST. JOHN'S RIVER										
		LIGHT	SHERMAN CUT RANGE FRONT		30 22	44.69	81 26	44.64	N.A.	Photo Plot 7-10826	Jan 1959	X X 842 517
		LIGHT	SHERMAN CUT RANGE REAR		30 22	33.90	81 26	55.77	"	"	"	X X " "
		LIGHT	ST JOHN'S BAR CUT RANGE REAR		30 24	21.27	81 27	00.00	"	"	"	X X " "
						655		0				

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 10826

- 1. Projection and grids WBS 2. Title WBS 3. Manuscript numbers IIS 4. Manuscript size IIS

4a Classification label Unclassified

CONTROL STATIONS

- 5. Horizontal control stations of third-order or higher accuracy WBS 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) XX 7. Photo hydro stations XX 8. Bench marks WBS
- 9. Plotting of sextant fixes XX 10. Photogrammetric plot report W.O. 11. Detail points XX

ALONGSHORE AREAS

(Nautical Chart Data)

- 12. Shoreline WBS 13. Low-water line WBS 14. Rocks, shoals, etc. WBS 15. Bridges WBS 16. Aids to navigation WBS 17. Landmarks XX 18. Other alongshore physical features WBS 19. Other along-shore cultural features WBS

PHYSICAL FEATURES

- 20. Water features WBS 21. Natural ground cover WBS 22. Planetable contours XX 23. Stereoscopic instrument contours XX 24. Contours in general XX 25. Spot elevations XX 26. Other physical features WBS

CULTURAL FEATURES

- 27. Roads WBS 28. Buildings WBS 29. Railroads XX 30. Other cultural features WBS

BOUNDARIES

- 31. Boundary lines WBS 32. Public land lines XX

MISCELLANEOUS

- 33. Geographic names WBS 34. Junctions IIS 35. Legibility of the manuscript WBS 36. Discrepancy overlay XX 37. Descriptive Report WBS 38. Field inspection photographs WBS 39. Forms WBS

40. William H. Shearouse
William H. Shearouse Reviewer

Milton M. Slavney
Supervisor, Review Section or Unit
Milton M. Slavney

- 41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

- 42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler

Supervisor

- 43. Remarks:

Review Report of
Planimetric Map Manuscripts T-10823 through T-10836
October 1960

62. Comparison with Registered Topographic Surveys:

T-411	1:10,000	1853
T-550	1:10,000	1855
T-551	1:10,000	1855
T-552	1:10,000	1855-56
T-712	1:10,000	1858
T-713	1:10,000	1858
T-963	1:10,000	1864
T-965	1:10,000	1864
T-1232b	1:20,000	1871
T-1459a	1:20,000	1876-77
T-2027	1:80,000	1875
T-4068	1:20,000	1924
T-4084	1:20,000	1924
T-5235	1:10,000	1933
T-5664	1:10,000	1935
T-5665	1:10,000	1933-39
T-5666	1:10,000	1933-39
T-5667	1:10,000	1933-39
T-5669	1:10,000	1933-39
T-5670	1:10,000	1939
T-5671	1:10,000	1933
T-5672	1:10,000	1933
T-6376b	1:10,000	1934
T-6487a&b	1:10,000	1934
T-6488a&b	1:10,000	1934
T-11093	1:20,000	1957-58
T-11454	1:10,000	1951-54

Cultural and shoreline changes have been continuous and extensive. Considerable differences exist between topographic survey of 1951-54 and the land area of effected sheet of subject surveys. T-10823 through T-10836 are to supersede above-listed surveys of identical areas and detailing for nautical charting purposes.

63. Comparison with Maps of Other Agencies:

Trout River, Fla.,	1:24,000, 1948,	U.S. Geological Survey
Eastport, Fla.,	1:24,000, 1948,	" " "
Mayport, Fla.,	1:24,000, 1948,	" " "
Jacksonville, Fla.,	1:24,000, 1948,	" " "
Arlington, Fla.,	1:24,000, 1948,	" " "
Jacksonville Beach, Fla.,	1:24,000, 1948,	" " "

These topographic quadrangles seem inadequate in consideration of all the changes caused by growth and development of subject area.

64. Comparison with Contemporary Hydrographic Surveys:

H-8107	1:10,000	1954
H-8412 (plus add. work)	1:20,000	1958-59
H-8462	1:20,000	1958-59
H-8463	1:10,000	1958-59
H-8464	1:10,000	1959

Fort George Inlet as shown on H-8107 has been subjected to considerable changes - see T-10827 for shoreline of 1958-59. Advanced shoreline and control of subject surveys was furnished to aid in the construction of remaining hydrographic surveys (H-8412, 8462 through 8464) and in the comparison, no major differences were noted.

65. Comparison with Nautical Charts:

569	1:40,000	Revised to 12/8 1958
577	1:40,000	" " 12/21 1959
685	1:40,000	2nd Ed. 12/7 1959
1243	1:80,000	Revised to 2/22 1960

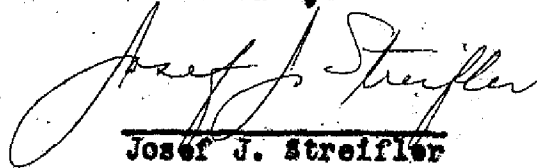
There are minor shoreline differences throughout. Considerable differences exist at Fort George Inlet and at the entrance of St. Johns River as depicted on Chart 569 (with inset of these features at scale 1:10,000). Charts 577 and 1243 are effected accordingly. The position of "RIBAUT CHANNEL DIRECTIONAL LIGHT" at the southwest corner of Mayport Basin - as shown on Chart 569 - should be corrected also from available information from 1958 and as indicated on T-10827.

Dome Point - Fulton Cutoff Light 40, 1958 at the mouth of Alligator Creek should be added to Chart 577 (see T-10825).

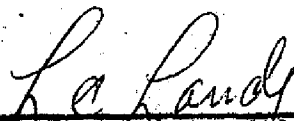
66. Adequacy of Results and Future Surveys:

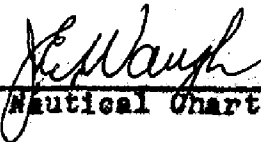
Subject T-sheets (14) have been compiled according to instructions and meet the requirements of adequacy and accuracy. Future frequent surveys of subject area are recommended because of continuous growth and development.


Reviewed by:

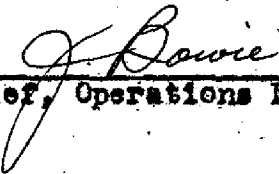

Josef J. Streifler

Approved:


Chief, Review & Drafting Sec.
Photogrammetry Division

 10/16/65
Chief, Nautical Charts Division


Asst. Chief, Photogrammetry Division


Chief, Operations Division

NAUTICAL CHARTS BRANCH

SURVEY NO. T-10826

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
7/16/63	636	J. Heaton	Before Fully After Verification and Review
3/11/68	569	J. McMillan	Before After Verification and Review <i>Considered fully applied (with Reconstruction)</i>
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
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			Before After Verification and Review

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.