10833



Diag. Cht. No. 685.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph=5802 Office No. T-10833

LOCALITY

State Florida

General locality St. Johns River

Locality Ortega River

19 <u>58</u>-59

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

-10833

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 (il) (iii):

3 July 1958

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III):Stereoscopic Intrument (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): 8/4/60 Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N. A. 1927

Vertical Datum (III):

MHW

·Mean-sea-level 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):

VINCENT 1934

Lat.: 30°18'25.840" (795.7) m.

Long.: 81°41'24.334" (650.2) m.

Adjusted Unadjusted --

Plane Coordinates (IV):

State:

Zone:

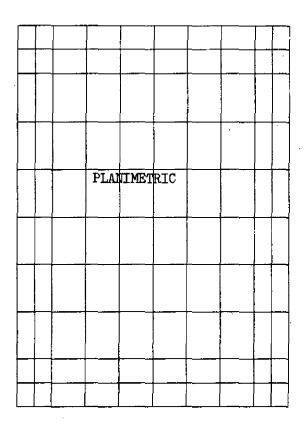
Y ==

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.

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY



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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (ii):

Jerome E. Tolodziecki

Date: October 1958

Joseph E. Wilson

January 1959

Oliver J. Weber

January 1959

Planetable contouring by (II): Inapplicable

Date:

Completion Surveys by (II): Inapplicable

A = , Date:

Mean High Water Location (III) (State date and method of location): Air Photo Compilation Date of photographs: 8 May 1958

Projection and Grids ruled by (IV):

P. Dempsey (W.O.)

Date:

August 1958

Projection and Grids checked by (IV): R. D. Shoup (W.O.)

Date:

August 1958

Control plotted by (III):

W. W. Dawsey

Date:

February 1959

Control checked by (III):

W. W. Dawsey

Date:

February 1959

Radial Plot or Stereoscopic

Washington Office Control extension by (III):

Date:

January 1959

W. W. Dawsey Planimetry

Date:

November 1959

Stereoscopic Instrument compilation (III):

Contours

Inapplicable

Date:

Manuscript delineated by (III): W. W. Dawsey

Date:

November 1959

of compilation

Photogrammetric Office Review/by (III): I. I. Saperstein

Date:

December 1959

Elevations on Manuscript

Inapplicable

Date:

checked by (II) (III):

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): Single-lens Wild Aviagon "S" and Infragon "L"

Diapositives

	•	vicianomaranamo (i	II)	
Number	Date	Time	Ścale	. Stage of Tide
58-s-3013	8 May 1958	1046	1:25,000	0.5
3014	· 11	1047	n	0.5
3015	ŧt	1.047	tt .	0.5
3051=	u .	1107	11	0.6
3 0 52	tt	1108	1t	0.6
3053	u	1108	11	0.6

Predicted

Tide (III)

Mayport, Fla. Reference Station:

Subordinate Station: Jacksonville (RR Bridge)

Subordinate Station:

Washington Office Review by (IV):

Range

Final Drafting by (DX): V. P. Cackowski and W. W. Dawsey, Tampa D.O. Date: " " Review by: W. H. Shearousé, Jampa D. O.

Ranges

Ratio of Mean | Spring

Range

4.5

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

10.3 Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III): 21.5

Shoreline (Less than 200 meters to opposite shore) (HI):-

Control Leveling - Miles (II): Inapplicable

Number of Triangulation Stations searched for (II): 1434-8-8-

Recovered: 8*

Identified: 山米米

Number of BMs searched for (II):

Recovered: 3

Identified:]

Number of Recoverable Photo Stations established (III): l (a natural object)

Number of Temporary Photo Hydro Stations established (III):

Remarks:

* 4 recovered west of sheet limits and one south

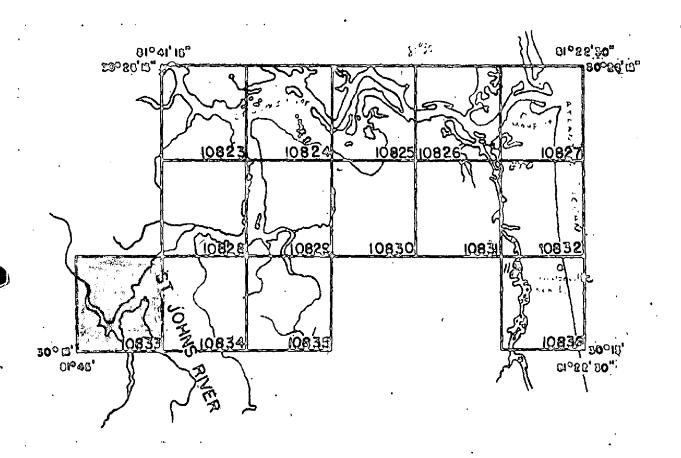
** 1 identified west of sheet limits

*** Form 526 not included for the following stations:

YACHT, 1934; WALL, 1958; VINCENT, 1934. These stations were recovered for T-11093 Ph-10,000-808

COMM- DC- 57842

PROJECT PH-5802 Planimetric Mapping Florida, St. Johns River



Official	Milago	for	Cost	Accormto
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Ch A	Α .	• • • • • • • • • • • • • • • • • • • •
Shoot	yr.ex	Lin. M.
No.	Sq. M1.	Shorlino
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	11.01	8,2
10833	10.3	21.5
10834	8.0	7.6
10835	15.6	6.3
. 10036	12.7	8,8

Total Arc

Lin. Mi. 205.2

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

Subject surveys represent Planimetric Mapping Project PH-5502. It consists of fourteen (14) T-sheets, which cover the northern pertion of the St. Johns River - from the entrance on the Atlantic Coast to the city of Jackson-ville - in the State of Plorida.

T-10823 through T-10836 were compiled by stereescopic instrument methods (Kelsh 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.

Gronar 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

7

FIELD INSPECTION REPORT

SUBMITTED WITH T-10824

COAST AND GEODETIC SURVEY CONTROL RECORD

CHECKED BY. D. SA. SK

DATE.

FORM 164 (4-23-54)

DESCRIPTIVE REPORT U.S. DEPARTMENT OF COMMERCE

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FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS COMM- DC- 57843 (BACK) uno 440 WWD ダダ N 12 0 ź Ż FORWARD 70 53 70 4 7 70 -1 ۵ O, 1/23/ SCALE FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS ď 8.810 57 925.7 655 973.0 N.A. 1927 - DATUM 655 460.3 500,3 175.6 O 60 0 086.8 4508 169. 658605.0 574 18 515.7 796. 272. 375 252 770 130 0/0 405 144. 110 FORWARD 658 6 6 0 651 م س 2 2 0 10 Ó Ś DATUM SCALE OF MAP / / 0000 OR PROJECTION LINE IN METERS DISTANCE FROM GRID IN FEET. 0 įÙ Ń 440,0 (13.75.6 9730 8.040 ď 605.10 242 086,8 369 060.5 075 252, 010 5/5 0 565 10 169 5 5000 O 635 FORWARD 457 なる 0 S 220 00 00 094 e U 546 e 1 Ø, DATE 16 Februdy, 1959 9 97 3 る へ 08 773.08 Ś 96 078.66 20 104.82 596.77 00 LONGITUDE OR x-COORDINATE Ŋ LATITUDE OR y-COORDINATE 455. 523 138. 6 T 563 325 159. 610 159 839 516 754 677 189 323 237. k i PROJECT NO. SLOR 30% 734 3 150 267 691 266 155 15.2 200 691 156 2 160 262 165 263 257 256 277 Ч N \mathcal{K} N K N 4 ц S. 20 75 F65 P-7 NH 27 1427 DATUM 27 27 27 7 5 NA27 Pc 211 11/11 27 EK.S. P.5 WA 27 #/ HH 16.5 P.5 NA FG.S P.S 1/17 465 P.7 N/A F.6.5. P.5 1114 465 P.7 VA SOURCE OF Duval G. Daval Ca Quyal Co. Daval Ca, EKS P-7 Dave I Co. F65 P.7 Diva 60. Duvel Co. Duvel Co. D. 52 / G. MAP T. 108 33 COMPUTED BY E MYSE 1934 1934 932 1939 `` 1934 1934 1037 12 1939 STATION Greenwood Jan Jest 3 A538 37 Q: M 35 Bight Bethel V l A A Œ ::}

FORM **164** (4-23-54)

DESCRIPTIVE REPORT U.S. DEPARTMENT OF COMMERCE

CONTROL RECORD

COAST AND GEODETIC SURVEY

COMPILATION REPORT T-10833

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-10827.

31. DELINEATION

The Kelsh Plotter was used.

Two sets of photographs were available. They were "S" series (Aviagon) and "L" series (Infragon) contact at 1:25,000 scale. The diapositives furnished for the Kelsh Plotter were of the "S" series.

Ratio photographs covered the shoreline area only. Interior field inspection notes were therefore made on the contact photographs - certain prints of the "L" and "S" series being used (See Item 12). In general the inspection was adequate. However, a point of land at latitude 30° 16¹, longitude 81° 43¹.9, classified as marsh on contact photograph 58-S-3052 is believed to be in error. Stereoscopic examination reveals considerable elevation, which is borne out by the 1950 edition of the U.S.G.S. JACKSONVILLE, FLA. quadrangle. The area has been shown as trees with a fringe of marsh. The nautical mile markers shown alongshore in the St. Johns River were shown as identified on the photographs.

The submerged communication cable shown extending from triangulation station GREENWOOD 1934 to SADLER POINT (Lat. 30° 17', long. 81° 42'.2) taken from the Field Edit sheet for T-11093 (Project 10,000-808) done in 1958.

The elevation of the top of TV Tower (WJAX) was given as 632 feet on the Form 567, whereas the inspection on Photo 58-S-3012 shows 630 feet. The Form 567, 632 feet, elevation is used.

The field inspection is adequate.

CONTROL

The identification, density and placement of control was good.

33. SUPPLEMENTAL DATA

The John B. Prine map of Jacksonville and the City Engineering Department map of Jacksonville were used to supplement the geographic names. See correspondence included with this report.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

The high-water line was delineated as indicated by the inspection. No low-water line or shoals were indicated by the field inspector. Piers, wharves, retaining walls, and other shoreline structures were shown as indicated. In general the inspection was good. However, there were no boat houses identified in Ortega and Cedar rivers, and the adjacent creeks west of U. S. Highway 17.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

Forms 567 are submitted for three landmarks and two nonfloating aids.

38. CONTROL FOR FUTURE SURVEYS

No Forms 524 were submitted.

One recoverable photo station (a natural object) was located and listed under Item 49.

39. JUNCTIONS

Junctions were made with T-10834 to the east, T-9304N (1:10,000 scale, compiled in 1952) and T-11093 (1:20,000 scale of Project 10,000-808, Field Edited May 1958) to the south.

This map falls in the southwest quarter of U.S.G.S. quadrangle JACKSONVILLE, FLA., scale 1:24,000, revised in 1948. The junction is satisfactory.

There is no contemporary survey to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. BRIDGE CLEARANCES

A difference in vertical clearance is evident on the State Road 21 bridge across the Cedar River. The vertical clearance as given by the field inspector is 16 feet (see photograph 58-S-3053). Chart 685 shows clearance as 20 feet.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with U.S.G.S. quadrangle JACKSONVILLE, scale 1:24,000, revised in 1948, edition of 1950; and with C&GS planimetric maps T-5564, T-5566 and T-5567, scale 1:10,000, dated 1939. The quadrangle compares favorably; the differences with the planimetric maps are man-made.

Comparison was also made with shoreline manuscript T-11093, scale 1:20,000, field edited in May 1958. The comparison is favorable with the exception of the cable shown on T-11093 north of the bridge over the Ortega River to Sadler Point. When the field inspector did not note it, a check was requested of the Corps of Engineers in Jacksonville. They reported that there is no overhead cable at this bridge, but did report an overhead cable at the bridge about 3/4 of a mile southwest, which we have shown. A copy of their letter is included in this report.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart No. 685, 1st combined edition Jan. 14, 1952, revised to March 17, 1958 with the last correction date noted as March 29, 1958.

No major differences were noted in the comparison and approximately the same differences exist that were mentioned under Item 46.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Webber W. Dawsey

Cartographer (Photo)

APPROVED AND FORWARDED

Arthur L. Wardwell Tampa District Officer

48. GEOGRAPHIC NAME LIST

Atlantic Coast Line Avondale

Big Fishweir Creek Butcher Pen Creek

*Cedar River

Duval County

Fishing Creek Florida

*Jacksonville

Lake Shore Little Fishweir Creek

Murray Hill

Ortega Farms Ortega Forest *Ortega River

Pirates Cove

Riverside

Sadler Point *St Johns River

Venetia

Wesconnett Williamson Creek Willow Branch Creek

* B.G.N. Decision

GRAPIC NAMES SECTION
NOVEMBER 1960

49. NOTES FOR THE HYDROGRAPHER

One recoverable photo station was established:

N GABLE, 1958 (2-story white frame house)

þ

U.S. DEPARTMENT OF COMMERCE

beric survey COAST AND d

NONFLOATING AIDS PRIMAPHANT FOR CHARTS STRIKE OUT TWO

Temps, Florida

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

The positions given have been checked after listing by

19_60

Webber V. Daviery

								Time I	APPENDED IN VIOLENCE OF	. [n rey 07	Carej of Farty.
STATE	FORTA			C	POSITION			METHOD		THA	TMANS	
			E Y	LATITUDE*	LONG	LONGITUDE *		LOCATION	DATE OF			CHARTS
CHARTING	DESCRIPTION	BIGNAL	•	D.M. METERS		D. P. MEYERS	DATUM	BURVEY No.	LOCATION	ONSH	HE110	FFECTED
	ST JOHNS RIVER							Photo	• ;		<u> </u>	
DAYERACOR 3			22 02	81.50	81 112	01.01	H.A.	Plot	Aug.	•	_	700
					l	e te	1					
DATERACON L	DATERACON & Ortoge River		32 OK	14.5 14.5	81 h2	6.13	•	80	•	H		
						600						
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	Thate taken from field photographs	-	as date of inspection	spection							 	
											-	
											-	
											<u> </u>	
											-	

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. USCOMMEDC 27126

* TABULATE SECONDS AND METERS

PHOTOGRAMMETRIC REVIEW BRANCH

DETIC SURVEY COAST AND G U.S. DEPARTY

AT OF COMMERCE.

NOWEMONTAING PROPERTY LANDWARKS FOR CHARTS

STRIKE OUT TWO

TO BE CHARTED

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

The positions given have been checked after listing by WESSE W. DEFECT.

Tures, Rorlds

27 April

									H	irther L. Worth	derfeel?		Chie	Chief of Party.
STATE					-	POSITION	z			METHOD				
				LATTEUDE #	DE *	 	LONGITUDE #	# 3	·	LOCATION	DATE OF	0 E CH	HORE	CHARTS
CHARTING	DESCRIPTION	BIGNAL	٥.	, o	n D.M. METERS	0	0.6	n. P. METERS	DATUM	TABLE	LOCATION			
TOWN	(WAX-77)		R	27	1h.09	4 10	25.00		1.A.	F10t	1993			£8.
	(steet) ht - 610 (632)		-	. l <u>.</u>										
STACK	MUCH ht - 117 (120)		R	2	25, 810	4	का का किन्नु	42.53		Print.	•	H	<u> </u>	•
	(VINCENT), 193h													
CLUBIODES	Cupola on top of Norida Iacht		R	3	07.873	15	25.23	23.875		•		M	<u> </u>	•
	(Eleme, 1924)											ļ <u>.</u>	-	
				<u> </u>										
İ	efforth and year taken from field													
	photographs as date of field in Day of month not available.	peotion												
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This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navisgation, 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

USCOMM-DC 27126

COMM-DC 34529

50

PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT

T- 10833

1. Projection and grids WHS 2. Title WHS 3. M	lanuscript numbers WHS 4. Manuscript size WHS
CONTRO	L STATIONS 4s. Classification label
5. Horizontal control stations of third-order or higher acc	uracyWHS 6. Recoverable horizontal stations of less
than third-order accuracy (topographic stations) <u>WHS</u> 9. Plotting of sextant fixes <u>XX</u> 10. Photogrammetr	7. Photo hydro stations XX 8. Bench marks XXX ic plot report W.O. 11. Detail points W.O.
ALONGS	HORE AREAS
	Chart Data)
12. Shoreline WHS 13. Low-water line XX 14.	Rocks, shoals, etc. XX 15. Bridges WHS 16. Aids
to navigation <u>WHS</u> 17. Landmarks <u>WHS</u> 18. Oth shore cultural features <u>WHS</u>	er alongshore physical features <u>WHS</u> 19. Other along—
PHYSICAL	FEATURES
	WHS 22. Planetable contours XX 23. Stereoscopic
instrument contours XX 24. Contours in general	25. Spot elevations26. Other physical
features_WHS	
	NDARIES
31. Boundary lines WHS 32. Public land lines XX	<u> </u>
overlay XX 37. Descriptive Report WHS 38. F	Willer M. Slavney
Wm. H. Shearouse Reviewer	Supervisor, Review Sectio n of Unit / . Milton M. Slavney
41. Remarks (see attached sheet)	
FIELD COMPLETION ADDITIONS AND	D CORRECTIONS TO THE MANUSCRIPT
42, Additions and corrections furnished by the field commanuscript is now complete except as noted under item	pletion survey have been applied to the manuscript. The 43.
Compiler	Supervisor
43. Remarks:	

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

62. Comparison with Registered Topegraphic Surveys:

T-411	1:10,000	1853
T-550	1:10,000	1855
Ť-551	1:10,000	1855
エーフフェ - デービアク		1 DEE . KK
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	1075
T-4068	1:20,000	1924
T-4084	1:20,000	1924
Ŷ-5235	1:10,000	1933
7-566L	1:10,000	1935
7-5665	1:10,000	
T-5666	1.10.000	1933-39
1-7000 m <64.9	1:10,000	1933-39
T-5667	1:10,000	1933-39
T-5669	1110,000	1933-39
7-5670	1:10,000	1939
T-5671	1:10,000	1933
T-5672	1:10,000	1933
T-6376b	1:10,000	1934
T-6487abb	1:10.000	1934
T-6486aab	1:10,000	1934
T-11093	1:20,000	1957-58
T-11454	1:10,000	1951-51
	~ · ~ · 3 · 4 · 4 · 4 · 4 · 4 · 4 · 4 · 4 · 4	- //=-/4

Cultural and shoreline changes have been continuous and extensive. Considerable differences exist between temographic survey of 1951-5h 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, Pla., Eastport, Fla.,	1:24,000,	1948,	U.S.	Geological	Survey
Mayport, Fla.,	1:24,000,	1948.	W		*
Jacksonville, Pla., Arlington, Pla.,	1:24,000,	1948,	#	n e	TI TI
Jacksonville Beach,	• •				= · • · ·
Fla.,	1:24,000,	1948,	17	*	· #

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-8112	(plus add. work) 1:20,000	1958-59
M-8462	1:20,000	1958-59
H-8463	1:10,000	1958-59
H-8464	1:10,000	1959

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 (E-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
577 685 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 TRIBAULT CHARMEL DIRECTIONAL LIGHT at the southwest corner of Maypert Basin - as shown on chart 569 - should be corrected also from available information from 1958 and as indicated on T-10827.

Done 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:

Approved

Photogrammetry Division

Asst. Chief, Photogrammetry

NAUTICAL CHARTS BRANCH

SURVEY NO. T-10833

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
1/26/62	577	W. F. Shook	Fanf App of 11/24/62 Before After Verification and Review
6-4-70	685	C.E. Beese	Fully April No Corr. Superseded by BP 63700 Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Before After Verification and Review
			Before After Verification and Review
· ·			Before After Verification and Review
	. — . — —		Before After Verification and Review
	<u> </u>		
l	<u> </u>	<u> </u>	M.216R-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.

M-2168-1