LF COUNT

TP-00657

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey Shoreline	• • • • • • • • • • • • • • • • • • • •
Job No. CM-7306	Map No. TP-00657
Classification No.	Edition No1
Field Edited	
LOCALIT	Υ
Georgia - Florida St. Marys E General Locality St. Augusti Locality St. Mary's En	ne Inlettrance
1973 TO	19 75
REGISTRY IN AR	

☆ U.S. GOVERNMENT PRINTING OFF1CE: 1972-761-152

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

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NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY	survey TP-00657
SATISFACE OCCURRED ATMOSPHERIC ADMIN.	ORIGINAL	MAP EDITION NO. (L)
DESCRIPTIVE REPORT - DATA RECORD	RESURVEY	MAP CLASS Final
DESCRIPTIVE REPORT - DATA RECORD	REVISED	лов СМх эн - 7306
PHOTOGRAMMETRIC OFFICE		
Coastal Mamming Dissiple No. 22-21- 378	TYPE OF SURVEY	JOB PH-
Coastal Mapping Division, Norfolk, VA	D ORIGINAL	MAP CLASS
OFFICER-IN-CHARGE	RESURVEY	SURVEY DATES:
Jeffrey G. Carlen, CDR	REVISED	19TQ 19
I. INSTRUCTIONS DATED		
1. OFFICE		FIELD
Compilation - Aug. 20, 1974	Sept. 24, 1973	
Aerotriangulation - Oct. 3, 1974		•
1 Action Languages - 000. 5, 1914		
II. DATUMS		
1. HORIZONTAL: X 1927 NORTH AMERICAN	OTHER (Specify)	
	OTHER (Specify)	
MEAN HIGH-WATER MEAN LOW-WATER	, , ,	
2. VERTICAL: MEAN LOWER LOW-WATER		
MEAN SEA LEVEL		
3. MAP PROJECTION	4. (GRID(S)
Polyconic	Florida	East
5. SCALE	STATE	ZONE
1:20,000		
OPERATIONS	NAME	DATE
I. AEROTRIANGULATION BY	I. Rayborn	None
METHOD: Analytic LANDMARKS AND AIDS BY	4.5 1000 00111	
2. CONTROL AND BRIDGE POINTS PLOTTED BY	R. Robertson	8/2/74
METHOD: Calcomp. CHECKED BY	R. Robertson	8/2/74
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY	L.O. Neterer, Jr.	9/24/74
COMPILATION CHECKED BY INSTRUMENT: Wild B-8 CONTOURS BY	R.R. White	9/24/74
SCALE: 1:30,000 CHECKED BY	NA NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY	L.O. Neterer, Jr.	10/8/74
CHECKED BY	F. Margiotta	10/21/74
метнор:Wild B-8 and Graphic contours ву	NA	
CHECKED BY HYDRO SUPPORT DATA BY	NA	
SCALE: 1:20,000 CHECKED BY	NA NA	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	F. Margiotta	10/21/74
6. APPLICATION OF FIELD EDIT DATA	J. Desch	2/1975
CHECKED BY	A.L. Shands	3/1975
7. COMPILATION SECTION REVIEW BY	A.L. Shands	3/1975
8. FINAL REVIEW BY 9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY	C.H. Bishop	Sept. 1975
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		
11. MAP REGISTERED - COASTAL SURVEY SECTION BY	n. Francis	ONX. 2 1975
NOAA FORM 76-36 A SUPERSEDES FORM C&GS 181 SERIES		



U. S. DEPARTMENT OF COMMERCE NOAA FORM 76-36B NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY TP-00657 COMPILATION SOURCES 1. COMPILATION PHOTOGRAPHY CAMERA(S) TYPES OF PHOTOGRAPHY TIME REFERENCE Wild RC-10 "C" LEGEND TIDE STAGE REFERENCE ZONE (C) COLOR X STANDARD T PREDICTED TIDES 5th (P) PANCHROMATIC REFERENCE STATION RECORDS MERIDIAN (I) INFRARED X DAYLIGHT TIDE CONTROLLED PHOTOGRAPHY 75th NUMBER AND TYPE TIME STAGE OF TIDE DATE SCALE 73C(C)(I)-5127 - 5129 10/25/73 10:26 1:60,000 3.3 ft. above MLW 73C(C)(I)-4248 - 42499/30/73 10:00 1:60,000 7.2 ft. above MLW (From Bridge CM-7205) ** 73C(C)(I)-4355 - 4357 10/2/73 1:60,000 13:37 +0.2 ft. of MHW 74c(c)(I)-8989 - 89924/6/74 15:26 1:60,000 +0.2 ft. of MLW 73C(C)(I)-4295 - 429810/2/73 10:07 1:60,000 +0.2 ft. of MHW REMARKS * Bridge and compilation photos, predicted tides. ** Tide coordinated photos at M.L.W. and M.H.W. 2. SOURCE OF MEAN HIGH-WATER LINE: The mean high water line was compiled from the above listed tide controlled infrared photography. 3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE: The mean low water line was compiled from tide controlled infrared photography.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

NOAA FORM 76-36 (3-72)	c	H(S	TP-006			MOSPHERIC .	T OF COMMERCE ADMINISTRATION OCEAN SURVEY
1. X FIELD INSP	ECTION OPE	RATION	FIEL	D EDIT OPERATION		· · · · · · · · · · · · · · · · · · ·	-
	OF	ERATION		1	NAME		DATE
1. CHIEF OF FIE	DRAPTY			P Mibbotta			9/13/73
1. CHIEF OF FIE			<u> </u>	R. Tibbetts			
2 HOBITONTAL	CONTROL		RECOVERED BY	L.H.D. None			9/13/73
2. HORIZONTAL	CONTROL	PRF.MARKED	OR IDENTIFIED BY	L.H.D.			9/13/73
			RECOVERED BY	NA			,
3. VERTICAL CO	NTROL	,	ESTABLISHED BY	NA			
		PRE-MARKED	OR IDENTIFIED BY	NA.			
	Ŕ	ECOVERED (Trian	gulation Stations) BY	None			
4. LANDMARKS A	ND		O (Field Methods) BY	NA			
AIDS TO NAVIO	ATION		IDENTIFIED BY	NA			
		TYPE OF I	NVESTIGATION				
5. GEOGRAPHIC I		COMPL	BY				
INVESTIGATIO	N		FIC NAMES ONLY				
			ESTIGATION				
6. PHOTO INSPEC			ON OF DETAILS BY	None NA			···········
7. BOUNDARIES A		SURVEYED	OR IDENTIFIED BY	IMA			
I. HORIZONTAL		NTIFIED		2. VERTICAL CON	TROL IDEN	TIFIED	
				NA			
PHOTO NUMBER		STATION NA		PHOTO NUMBER	ST	ATION DESIG	NATION
73C(C)(I) 4365	BEACH 2,	, 1933		,			
3. PHOTO NUMBERS (Clarification of details)							
None							
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED							
4. EANDMANNS A	None	TAYIOA IDEN					
PHOTO NUMBER	•	OBJECT NA	ME	PHOTO NUMBER		OBJECT NA	ME
					,		
5. GEOGRAPHIC I	NAMES:	REPORT	X NONE	6. BOUNDARY AND	D LIMITS:	REPORT	X NONE
7. SUPPLEMENTA 8. OTHER FIELD		·) NOT list data submi	tted to the Geodesy Di	vision)		
	CSI Card				·		

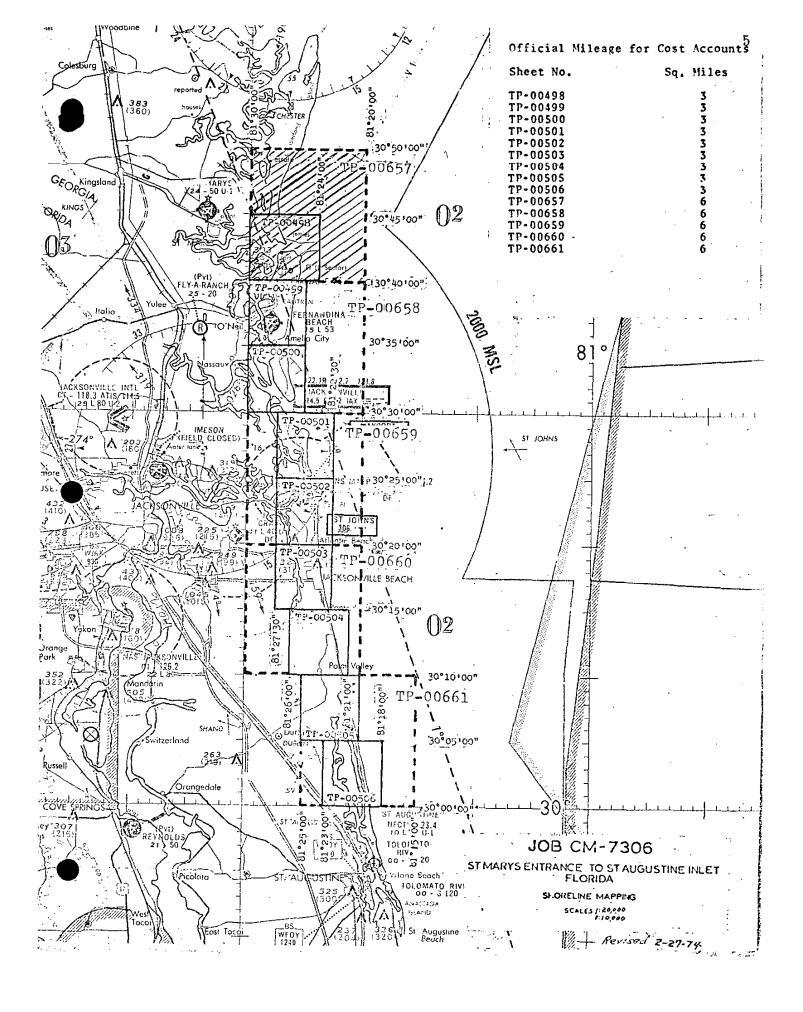
NOAA FORM 76-366 (3-72)	0	TP-00657 History of Field		NIC AND ATMOSPHE	TMENT OF COMMERCE ERIC ADMINISTRATION IONAL OCEAN SURVEY
I FIELD INSP	ECTION OP	ERATION X FIEL	D EDIT OPERATION	• ···••	
		PERATION		NAME	DATE
1. CHIEF OF FIEL	LD PARTY		Jeffrey G. (Perlen CDR	Jan., 1975
· · · · · · · · · · · · · · · · · · ·		RECOVERED BY	L.F. Beugnet		Jan., 1975
2. HORIZONTAL C	CONTROL	ESTABLISHED BY	NA		
_		PRE-MARKED OR IDENTIFIED BY	NA		
		RECOVERED BY	NA		
3. VERTICAL CON	NTROL	ESTABLISHED BY	NA		
		PRE-MARKED OR IDENTIFIED BY	NA		-
		RECOVERED (Triangulation Stations) BY	L.F. Beugnet	;	Jan., 1975
4. LANDMARKS A	ND	LOCATED (Field Methods) BY	NA		
AIDS TO NAVIG	ATION	IDENTIFIED BY	NA		
		TYPE OF INVESTIGATION			· · · · · · · · · · · · · · · · · · ·
5. GEOGRAPHIC N	NAMES	COMPLETE			
INVESTIGATION		SPECIFIC NAMES ONLY			
		NO INVESTIGATION			
6. PHOTO INSPEC	TION	CLARIFICATION OF DETAILS BY	L.F. Beugnet	;	Jan., 1975
7. BOUNDARIES A		SURVEYED OR IDENTIFIED BY	NA		
II. SOURCE DATA					
1. HORIZONTAL C	ONTROL ID	PENTIFIED	2, VERTICAL CON	TROL IDENTIFIED	
		NA			
PHOTO NUMBER		STATION NAME	PHOTO NUMBER	STATION	DESIGNATION
3. PHOTO NUMBE	RS (Clarifica	stion of details)	- 		
		74 C 8988	·		
4. LANDMARKS AL	ND AIDS TO	NAVIGATION IDENTIFIED	<u> </u>		
,		NA	,	·	
PHOTO NUMBER		OBJECT NAME	PHOTO NUMBER	OBJE	CT NAME
		· .			
5. GEOGRAPHIC N	IAMES:	REPORT X NONE	6. BOUNDARY AN	D LIMITS: RE	PORT K NONE
7. SUPPLEMENTA	L MAPS AN		`		
		None	·		
		it Ozalid & Field Edit Repo		ivision)	

NOAA FORM 76-36D (3-72)

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

TP-00657

RECORD'OF SURVEY USE						
I. MANUSC	RIPT COPIES					
	СО	MPILATION STAGE	s		DATE MANUSC	RIPT FORWARDED
ļI	DATA COMPILED	DATE	RE	MARKS	MARINE CHARTS	HYDRO SUPPORT
	ation complete g field edit	Oct. 1974	Class III Supers	_	1/13/75	1/13/75
pending	Tieta earc	000. 1914	buper s	————	1/13/17	1/13/17
Field e	edit applied		Class I Ma	nuscript		
compile	ation complete	Feb. 1975	Supers	eded	6/12/75	
					<u> </u>	
Final H	Review	Sept. 1975	Final			
		<u> </u>	<u>:</u>			<u> </u>
			1	 _		l
	ARKS AND AIDS TO NAVIGA		L DATA BRANCH			· · · · · · · · · · · · · · · · · · ·
	CHART LETTER	DATE				
NUMBER	NUMBER ASSIGNED	FORWARDED	<u> </u>	· /	REMARK\$ 	<u> </u>
1		6/4/75	Aids for	charts	· · · · · · · · · · · · · · · · · · ·	
4		6/4/75	Landmarks	for charts	3	
		-		· · · · · · · · · · · · · · · · · · ·		- · · · · · · · · · · · · · · · · · · ·
				<u> </u>		
		į ·				
2. 🔲	REPORT TO MARINE CHAR	T DIVISION, COAST	PILOT BRANCH.	DATE FORWAR	June 4,	1975
	REPORT TO AERONAUTICA		N, AERONAUTICAL	DATA SECTION);
III. FEDEI	RAL RECORDS CENTER DAT	ra -	•		1	
1. 🖂	BRIDGING PHOTOGRAPHS;	DUPLICATE	BRIDGING REPO	RT: COMP	UTER 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:						
4. DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: 1V. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)						
	SURVEY NUMBER	JOB NUMBE			TYPE OF SURVE	
SECOND	TP	_ (2) PH	<u> </u>	ᆫ		ESURVEY
EDITION	DATE OF PHOTOGRAP	HY DATE OF F	TELD EDIT		MAPCLASS	FINAL
*****	SURVEY NUMBER	JOB NUMBE	ir	المالية المالية	TYPE OF SURVEY	<u> </u>
THIRD	TP	_ (3) PH			REVISED RI	
EDITION	DATE OF PHOTOGRAP				MAP CLASS	
					lín. □ıv. □v.	
	SURVEY NUMBER	JOB NUMBE	ER ·		TYPE OF SURVEY	
FOURTH	TP			<u> </u>	REVISED RE	SÜRVEY
EDITION	DATE OF FRO LOGRAPI	DATEOFF			MAP CLASS	DEINAL



SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORTS TP-00657 through TP-00661

These 1:20,000 scale shoreline manuscripts are part of the SCOPE Project and will provide data for smooth sheet processing. Only the Atlantic Ocean shoreline was mapped. Other maps shown on the project diagram are part of the Florida Seaward Boundary Project and will be compiled later.

The only field work prior to compilation was the recovery and identification of horizontal control required for bridging.

Aerotriangulation was done by the Rockville Science Center. Color infrared photography dated Sept. 30 and Oct. 25, 1973 was used.

Compilation was done at the Atlantic Marine Center in October 1974, using 1:60,000 scale color infrared bridging photography to locate shoreline pass points. Ratio prints of tide controlled 1:60,000 scale color infrared photography dated Oct. 2, 1973 (MHW) and Apr. 6, 1974 (MLW), were used to compile the mean high and mean low water lines graphically, holding the shoreline pass points for control.

Field edit was done by an experienced photogrammetrist in January, 1975 and applied to the manuscript by the Coastal Mapping Section, Atlantic Marine Center in February, 1975.

Final review was done at the Atlantic Marine Center in September, 1975.

The original manuscript was a stabilene sheet 10 minutes in latitude by 10 minutes in longitude.

A cronaflex positive copy and a negative of the final reviewed manuscript were forwarded for record and registry.

FIELD INSPECTION

TP-00657

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal control necessary for the aerotriangulation of the project.

Photogrammetric Plot Report St. Marys Entrance to St. Augustine Inlet Florida Job CM7306

- 21. Area Covered This report pertains to the shoreline of Florida from St. Marys Entrance to St. Augustine Inlet, Florida. This area is covered by 5 1:20,000 scale sheets TP-00657 thru TP-00661.
- 22. Method One strip of 1:60,000 scale color infrared photography was bridged by analytic aerotriangulation methods. The strip was controlled by field identified control paneled in 1973. Old control, which was office identified, was floated for checks. Ties were made with Jobs CM-6716 and CM-7205. Common points were located between the bridging photography and the color infrared mean low-water and mean high-water photography to determine the ratio scale. Sketch number 2 shows the flight lines of the mean low-water and the mean high-water photography. Ratio prints of both the high and low-water photography were ordered.

Data for the five 1:20,000 scale sheets were plotted by the Calcomp on the Florida East State Plane Coordinate System.

23. Adequacy of Control - The control was adequate, but 4 of the 7 targets could not be seen on the bridging photography due to the placement in sandy beach areas. These 4 targets were transferred with extreme difficulty from the mean low-water and mean highwater photography.

Control station Jenks 2 RM 1 was located on the photography by first plotting the position on a quadrangle and then searching the area visually. The sketch on the Control Station Identification form was of no value.

- 24. Supplemental Data USGS quadrangles were used to provide vertical control for the adjustment.
- 25. Photography The photography was adequate as to coverage and overlap, but double fiducials marks and emulsion slippage on some of the photographs made the horizontal and vertical adjustment weak.

Respectfully submitted

Ivev O. Raborn

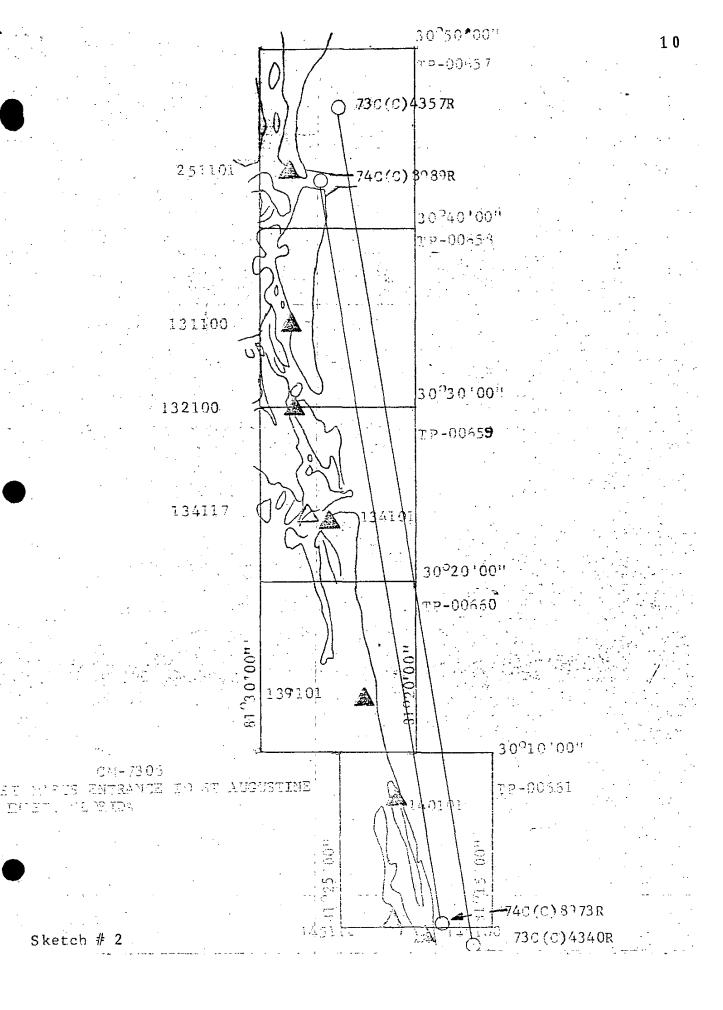
Monroved and forwarded:

John D. Perrow, Jr.

Chief, Aerotriangulation Section

73 74 9 51 450

Skotor +1



PHOTOGRAMMETRIC PLOT REPORT Job CM - 7205 Savannah to St. Mary's Entrance Part II Georgia

21. Area Covered

This project covers the shoreline from Brunswick, Georgia, to just north of St. Mary's Entrance and joing job CM-7306. Included are three T-sheets (TP-00496,497, and a portion of TP-00657). All sheets are 1:20,000 scale.

22. Method

One strip of color IR photography was bridged on the Wild STKl in order to obtain pass point positions and exact scale ratios to be used during compilation.

The strip was adjusted on four triangulation stations with eleven additional triangulation stations as checks. The adjustment was performed on the IBM6600. All sheets were ruled and plotted on the Coradomat.

1:20,000 scale ratios were ordered.

Horizontal control complied with project instructions and held within National Map Accuracy.

The paneled substitute stations for Beach 2, 1933, and Little Cumberland Island Lighthouse, 1860, were seen only with extreme difficulty and the aid of the tandem black and white infrared photos. The difficulty encountered was due to placement of targets on sandy beach areas.

24. Supplemental Data

Vertical control for bridging only was obtained from local USGS quads.

25. Photography

Photography was adequate as to overlap, definition, and coverage.

Submitted by,

Michael L. McGinley

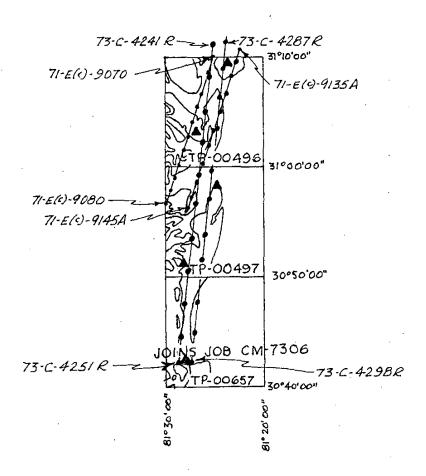
Approved by r

John D. Perrow, Jr.

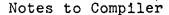
Chief, Aerotriangulation Section



73-C-424|Rtw 425|R Color IR - Bridging 1:60,000 73-C-4287 Rts 4298R Color IR MHW 1:60,000 71-E(-)-9070 to 9080 & 9135 Ats 9145 A 1:30,000 Color



JOB CM-7205 Savannah to St Marr's Entrance Part II Georgia



If needed, the 1971 color Low Water photos may be ratioed by compilation.

Return film positives and prints 73-c(c)-4294R, 4295R, 4248R and 4249R to Rockville after completion of compilation.

The color of the	NOAA FORM /4-4					U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
TP-0657 CN-736 SCORDINATES FEAT CONCINUATION AND STATE CONCINUATES FEAT CONCINUATION AND STATE CONCINUATES FEAT CONCINUATES CONCINUATION AMERICAM CO			DESCRIPTIV	'E REPORT CONTROL REC		
The contraction CON-T306 CONSTRUCTION Const	MAP NO.	JOB NO.		GEODETIC DATUM	ORIGINATING ACTIVE	٨ـــــــــــــــــــــــــــــــــــــ
Source S	TP-00657	CM-7306		N.A. 1927		
G.P. Vol. I	STATION NAME	SOURCE OF	AEROTRI- ANGULATION	COORDINATES IN FEET STATE FLOYING	GEOGRAPHIC POSITION	REMARKS
3 (2.P. Vol. I $x=$ $y=$		(xepuI)	NUMBER	1		
18.5 18.5		Vol.		=χ	300 431	
MIK, 1933 Pe. 701. I	ζ,	52		<i>ή=</i>	81° 281	
AMERICAN G.P. Vol. I AMERICAN G.P. Vol. I AMERICAN G.P. Vol. I AMERICAN G.P. Vol. I D. LIGHTHOUSE, G.P. Vol. I Pg. 956 MUNICIPAL G.P. Vol. I AF 900 40' 55.326" A 810 27' 25.046" A 810 27' 25.046		Vol.		±x=	300 46' 43.163"	
AMERICAN G.P. Vol. I ke, 956	GREYFIELD TANK, 1933	Pg. 37		=ĥ	810 28' 07.540"	
AMERICAN CON- Pg. 956	FERNANDINA, AMERICAN	Vol.		<i>-</i> χ	300 40,	·
AMERICAN CON- G.P. Vol. I D LIGHTHOUSE, Pg. 956 10 LIGHTHOUSE, Pg. 956 11 Lighthouse, Pg. 956 12 Lighthouse, Pg. 956 13 (S.S.A.) 14 Lighthouse, Pg. 956 15 Lighthouse, Pg. 956 16 Lighthouse, Pg. 956 17 Lighthouse, Pg. 956 18 Lighthouse, Pg. 956 19 Lighthouse, Pg. 956 10 Lighthouse, P	CONTAINER CORFORATION, NORTH STACK, 1954	Pg. 956		je-	81° 27' 20.190"	
D LIGHTHOUSE, Pg. 956 y=	FERNANDINA, AMERICAN CON-	Vol.		=X	300 401 52.326"	
Dilighthouse, G.P. Vol. I He. 37 He. 38 He. 39 Ho. 12.536" MUNICIPAL G.P. Vol. I Ke. 956 He. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	SR CORPORATION, TANK,	956	.	=h	81° 27' 25.046"	and the second s
MUNICIPAL G.P. Vol. I $\frac{x_{=}}{P_{E} \cdot 956}$ $\frac{y_{=}}{y_{=}}$ $\frac{x_{0}}{p_{0}} = \frac{26}{p_{0}} = \frac{33.600"}{14.456"}$ 1932 G.P. Vol. I $\frac{x_{=}}{p_{E} \cdot 49}$ $\frac{x_{=}}{y_{=}}$ $\frac{x_{0}}{p_{0}} = \frac{27}{p_{0}} = \frac{2072"}{14.456"}$ 164 Form $\frac{x_{=}}{p_{E} \cdot 49}$ $\frac{x_{=}}{p_{F}} = \frac{352,568.54"}{p_{0}}$ $\frac{p_{0}}{p_{0}} = \frac{29}{p_{0}} = \frac{43.453"}{43.453"}$ 164 Form $\frac{x_{=}}{p_{E} \cdot 49}$ $\frac{x_{=}}{p_{F}} = \frac{352,568.54"}{p_{0}}$ $\frac{p_{0}}{p_{0}} = \frac{29}{p_{0}} = \frac{43.453"}{43.453"}$ 164 Form $\frac{x_{=}}{p_{F}} = \frac{352,568.54"}{p_{F}}$ $\frac{p_{0}}{p_{0}} = \frac{p_{0}}{p_{0}} = \frac{p_{0}$	AMELIA ISLAND LIGHTHOUSE,	Vol.		=χ	30° 40' 22.536"	
MUNICIPAL G.P. Vol. I	1905	37	:	η= h=	81° 26' 33.600"	
1932 G.P. Vol. I $\frac{x_{=}}{P_{E}}$ $\frac{y_{=}}{y_{=}}$ $\frac{1}{A}$ $\frac{1}{B}$ $\frac{1}{B}$ $\frac{1}{B}$ $\frac{1}{B}$ $\frac{1}{B}$ $\frac{1}{B}$ $\frac{1}{A}$ $\frac{1}{B}$ $\frac{1}{B}$ $\frac{1}{A}$ $\frac{1}{B}$ $\frac{1}{B}$ $\frac{1}{B}$ $\frac{1}{A}$ $\frac{1}{B}$ $\frac{1}{A}$ $\frac{1}{B}$ $\frac{1}{A}$ $\frac{1}{B}$ $\frac{1}{A}$ $\frac{1}{B}$ $\frac{1}{A}$ \frac		Vol.		χ=	300 40' 14.456"	
1932 G.P. Vol. I $\frac{x=}{Pg}$, $\frac{x=}{y=}$ $\frac{4 \cdot 30^{0}}{16^{1}}$ $\frac{1}{16^{1}}$ $\frac{59.656^{11}}{16^{11}}$ $\frac{x=}{y=}$ $\frac{352,568.54^{11}}{3}$ $\frac{4}{3}$ $\frac{1}{16^{11}}$ 1	TANK, 1954	Pg. 956 /		=ħ	81° 27' 22.072"	
13 (S.S.A.) 164 Form $x = 352,568.54$ * ϕ ϕ 164 Form $x = 352,568.54$ * ϕ ϕ x = x = x = x = x = x = x = x = x = x =		Vol.		χ=	300 421	
16t Form Washington $\frac{x=352,568.54^{\circ}}{y=2,321,647.52!}$ ϕ				y=	81° 29' 43.453"	
Washington $y \neq 2,321,647.52$? λ $x =$ ϕ $y =$ λ $y =$ λ $y =$ ϕ	2, 1933	164 Form			Φ.	
$\frac{\chi=}{y^{\pm}} \qquad \qquad \frac{\lambda}{\lambda} \qquad \qquad$		Washington			λ	
$\frac{y=}{\lambda}$ $\frac{x=}{y=}$ $\frac{y=}{\lambda}$				χ=	φ.	
Jr. $\frac{\chi=}{y^{+}} \qquad \qquad \frac{\chi=}{y} \qquad \qquad \frac{\psi}{\lambda}$ DATE COMPUTATION CHECKED BY DATE LISTING CHECKED BY DATE LISTING CHECKED BY DATE DATE HAND PLOTTING CHECKED BY DATE SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE. $\frac{\chi=}{\chi=}$	-			Ŋ=	γ	
Jr. DATE HAND PLOTTING CHECKED BY DATE HAND PLOTTING CHECKED BY DATE SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE. CAMB				-χ	ф	
Jr. DATE DATE COMPUTATION CHECKED BY DATE	• •			n=	٧	!
DATE LISTING CHECKED BY DATE HAND PLOTTING CHECKED BY SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.			DATE 8/16/74	COMPUTATION CHECKED BY J.R. Minton	-	
DATE HAND PLOTTING CHECKED BY SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.	LISTED BY		DATE	LISTING CHECKED BY		DATE
	HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE
			SUPERSEDES N	DAA FORM 76-41, 2-71 EDITION WHI	ICH IS OBSOLETE.	

COMPILATION REPORT

TP-00657

31. DELINEATION

Delineation was by the Wild B-8 stereoplotter.

Ratio prints of tide controlled infrared photography were used to delineate graphically the MHW and MLW lines, holding shoreline pass points dropped by the Wild B-8 plotter for horizontal control.

32. CONTROL

See "Photogrammetric Plot Reports," undated, bound with this Descriptive Report.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable to the project. No drainage was delineated.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water and mean low water lines were delineated from the tide coordinated color infrared photos.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

Copies of Form 76-40 for 1 non-floating aids to navigation and 4 landmarks were forwarded to the Rockville, MD office on June 3, 1975.

38. JUNCTIONS

. See Item #5, Form 76-36b, bound with this Descriptive Report.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S. Geological Survey Quadrangles: FERNANDINA BEACH, FL-GA, scale 1:24,000, dated 1958, and CUMBERLAND ISLAND SOUTH, GA, scale 1:24,000, dated 1958.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following National Ocean Survey chart: No. 1242, scale 1:80,000, dated Jan. 20, 1973.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Cartographic Technician

Oct. 8, 1974

Approved:

Albert C. Rauck, Jr.
Chief, Coastal Mapping Section, AMC

ADDENDUM TO THE COMPILATION REPORT

TP-00657

FIELD EDIT

Adequate field edit was done by an experienced photogrammetrist in January, 1975.

15 August 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7306 (St. Marys Entrance to St. Augustine Inlet, Florida)

TP-00657

Amelia Island

Atlantic Ocean

Cumberland Island

Fort Clinch State Park

St. Marys Entrance

Approved by

Chas. E. Harrington & Staff Geographer-C51x2

FPM CONTROL STATIONS S. HORIZONTAL CONTROL STATIONS FPM B. BENCH MARKS NA ALONGSHORE AREAS (Nautical 12, SHORELINE FPM 16. AIDS TO NAVIGATION FPM	9. PLOTTING C FIXES	(Topographi DE SEXTANT TM	3. MANUSCRIPT NUMBERS FPM BLE HORIZONTAL STATIONS HAN THIRD-ORDER ACCURACY Ic stations) NA 10. PHOTOGRAMMETRIC PLOT REPORT FPM 14. ROCKS, SHOALS, ETC. FPM 18. OTHER ALONGSHORE PHYSICAL FEATURES	4. MANUSCRIPT SIZE FPM 7. PHOTO HYDRO STATIONS NA 11. DETAIL POINTS 15. BRIDGES FPM 19. OTHER ALONGSHORE
CONTROL STATIONS 5. HORIZONTAL CONTROL STATIONS THIRD-ORDER OR HIGHER AC FPM 3. BENCH MARKS NA ALONGSHORE AREAS (Nautical 12. SHORELINE FPM 16. AIDS TO NAVIGATION	9. PLOTTING OF FIXES FOR Chart Data 13. LOW-WATER 17. LANDMARK	(Topographi DE SEXTANT TM	BLE HORIZONTAL STATIONS HAN THIRD-ORDER ACCURACY Ic stations) NA 10. PHOTOGRAMMETRIC PLOT REPORT FPM 14. ROCKS, SHOALS, ETC. FPM 18. OTHER ALONGSHORE	7. PHOTO HYDRO STATIONS NA 11. DETAIL POINTS 15. BRIDGES FPM
S. HORIZONTAL CONTROL STATHIRD-ORDER OR HIGHER AND FPM B. BENCH MARKS NA ALONGSHORE AREAS (Nautical 12, SHORELINE) FPM 16. AIDS TO NAVIGATION	9. PLOTTING OF FIXES F Chart Data) 13. LOW-WATER FPM 17. LANDMARK	(Topographi DE SEXTANT TM	NA 10. PHOTOGRAMMETRIC PLOT REPORT FPM 14. ROCKS, SHOALS, ETC. FPM 18. OTHER ALONGSHORE	NA 11. DETAIL POINTS 15. BRIDGES FPM
THIRD-ORDER OR HIGHER AND FPM B. BENCH MARKS NA ALONGSHORE AREAS (Nautical 12, SHORELINE) FPM 16. AIDS TO NAVIGATION	9. PLOTTING OF FIXES F Chart Data) 13. LOW-WATER FPM 17. LANDMARK	(Topographi DE SEXTANT TM	NA 10. PHOTOGRAMMETRIC PLOT REPORT FPM 14. ROCKS, SHOALS, ETC. FPM 18. OTHER ALONGSHORE	NA 11. DETAIL POINTS 15. BRIDGES FPM
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ALONGSHORE AREAS (Nautice) 12. SHORELINE FPM 16. AIDS TO NAVIGATION	Chart Data) 13. LOW-WATER FPM 17. LANDMARK	R LINE	14. ROCKS, SHOALS, ETC. FPM 18. OTHER ALONGSHORE	FPM
FPM 16. AIDS TO NAVIGATION	FPM	1	FPM	FPM
FPM	FPM	1	FPM	FPM
16. AIDS TO NAVIGATION	17. LANDMARK		18. OTHER ALONGSHORE	
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FPM	FPM		FRISICAL PERIORES	CULTURAL FEATURES
			FPM	FPM
PHYSICAL FEATURES		191	0.001110	
20. WATER FEATURES		21. NATURAL	GROUND COVER	22. PLANETABLE CONTOUR
FPM]	NΑ	NA
23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS	IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
NA	AN		NA	FPM
CULTURAL FEATURES	~			
27. ROADS	28. BUILDINGS	3	29. RAILROADS	30. OTHER CULTURAL FEATURES
FPM	FPM		FPM	FPM
BOUNDARIES			32. PUBLIC LAND LINES	
NA			NA.	
AISCELLANEOUS				
33, GEOGRAPHIC NAMES		34, JUNCTION		35. LEGIBILITY OF THE MANUSCRIPT
FPM			FPM	FPM
6. DISCREPANCY OVERLAY	37. DESCRIPTI	VE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
FPM	FPM	1	FPM	FPM
10. REVIEWER	-	Date	SUPERVISOR, REVIEW SECTIO	
Frunk P. Margiotta	1	.0/21/74	Albert C. Rauck,	
		.0/21/14	1 Albert O. Radek,	- · · · · · · · · · · · · · · · · · · ·
1. REMARKS (See attached sheet TIELD COMPLETION ADDITION:		TIONS TO THE	MANUSCOIRT	
	furnished by th	e field comple	tion survey have been applied t	o the manuscript. The manu-
OMBU EB		+	ISUPERVISORY L	200 61
J. Desch J. Desch A.L. Shands U.L. Sh	and 31	26/75 10/75	Supervisor C. K. Albert C. Rauck, J.	auck-y
3. DEMARKS				· · · · · · · · · · · · · · · · · · ·
rield edi necessary; the tower stereoplotter.	r at 30° 40	170m 11e10 1'54", 81	d edit ozalid; no pho 27' 16" was located	by use of the

FIELD EDIT REPORT JOB CM-7306

St. Mary's Entrance to St. Augustine Inlet, Florida Map Manuscripts TP-00657 thru TP-00661

51. METHODS

Field edit of these manuscripts was accomplished by driving the road paralleling the coast or by driving the open beaches. All field edit deletions, additions or corrections have been noted on the field edit ozalids or photographs. Field edit information appears on photographs 73-L(C)-4347 thru 73-L(C)-4349; 73-L(C)-4352 thru 73-L(C)4354 and 74-C-8988.

52. ADEQUACY OF COMPILATION

There was no field inspection prior to compilation. The compilation was adequate considering the type of photography used for that purpose. The black and white prints made from the infrared color photography, and provided for field edit purposes, lack sharp image definition and are of poor tone in the land areas of the manuscripts.

53. MAP ACCURACY

No accuracy test were made.

54. RECOMMENDATIONS

None

55. EXAMINATION OF PROFF COPY

Due to the limited extent of compilation no examination of a proof copy was made.

Submitted by

Leo F. Beugnet

Supervisory Cartographer

22 January 1975

HYDROGRAPHIC PARTY
GEODETIC PARTY
MACOMPLATION ACTIVITY
TINAL REVIEWER
FINAL REVIEWER
OUALITY CONTROL & REVIEW GRP.
COAST PILOT BRANCH
(See reverse for responsible personnel) AFFECTED 453 -8413C CHARTS 21 ORIGINATING ACTIVITY Jan.21,1975 V-Vis. (See instructions on reverse side) FIELD ong. to charts Feb.1975 U.S. DEPARTMENT OF COMMERCE MATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION 6/3/75 DATE OFFICE St. Marys Entrance to St. Augustine Inlet The following objects HAVE XX HAVE NOT been inspected from seaward to determine their value as landmarks. 4.768 D.P. Meters 33.600 * LONGITUDE 81-26 0 POSITION N.A.1927 22.536 D.M. Meters .0.769 1 LATITUDE 30-40 0 Florida -Georgia L Show triangulation station names, where applicable, in purentheses, DESCRIPTION (Record reason for deletion of landmark or aid to navigation. NONFLOATING AIDS TP-00657_ (Amelia Island Lighthouse, 1905) REPORTING UNIT (Fleid Park, Ship or Office) Coastal Mapping Div. Amelia Island Light -AMC- Norfolk, Va. CM-7306 Replaces C&GS Form 567 TTO BE CHARTED TO BE DELETED TO BE REVISED NOAA FORM 76-40 OPR PROJECT NO. Y 136 CHARTING LIGHT

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Replaces C&GS Form 567.	NONFEDATING	INCOMESTICATION OF THE PROPERTY OF CHARTS	MARKS	FOR CHA	RTS -	ATMOSPHER	RIC ADMINIST RATION	MYDROGRAPHIC PARTY GEODETIC PARTY BHOTO FIELD BARTY	ARTY
XX TO BE CHARTED TO BE REVISED TO BE DELETED	ED REPORTING UNIT	STATE Georgia Florida	=1	St. Marys Entrance St. Augustine Inlet	Marys Entrance 1	4	Peb.1975	COMPLIATION ACTIVITY FINAL REVIEWER OUGHTTY CONTROL & REVIEW GRP	LA REVIEW SRP
The following objects	ects HAVE X HAVE NOT	been inspected from seaward to determine their value as landmarks.	ward to det	termine thei	r value as	landmarks.		(See reverse for responsible personnel)	ible personnel)
OPR PROJECT NO.	JOS NUMBER	Y NUMBER	DATUM	N.A.1927	1		METHOD AND DATE OF 1 OCATION	E OF LOCATION	
22	000	-1 Coon- **		POSITION	NO		(See instructions on reverse side)	on reverse side)	CHARTS
	DESCRIPTION	7	LATITUDE	agn.	LONGITUDE	TUDE			AFFECTED
CHARTING	Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in perentheses	r or aid to navigation.	, ,	// D.M. Meters	, ,	// D.P. Meters	OFFICE	FIELD	
TANK	(Fernandina, American Container Corporation, Tank, 1954) Ht.=155(165)-	Container	30-40	52.326	81-27	25.046	73C(C)(I)4355 0ct.2,1973	Jan.21,1975_	453- 8413C-
STACK	(Fernandina, American Container Corporation, North Stack, 1954) - Ht.=160(170)	Container (1954)	30-40	55.478	81-27	537.4	73C(C)(I)4355 0ct.2,1973	V-Vis. Jan.21,1975	= =
TANK	(Fernandina, Municipal Ht.=137(159)	Tank,1954)~	30-40	14.456	81-27	22.072-	73c(c)(I) 4,355 0ct.2,1973	V-Vis. Jan.21,1975	
TOWER	Ht.=303(313)~		30-40	54.10-	81-27	16.30	73C(c)(I) 4355 0ct.2,1973	V-Vis. Jan.21,1975	= =
									22

REVIEW REPORT TP-00657

SHORELINE

September 3, 1975

61. GENERAL STATEMENT:

See Summary, which is page 6 of this Descriptive Report.

A comparison print, showing shoreline differences noted in Par. 62, 63 and 65 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with Surveys T-5131, T-5132, and T-5133, all 1:10,000 scale and all mapped from photography taken in November and December 1933. Shoreline differences are shown in blue on the comparison print.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangles CUMBERLAND ISLAND SOUTH, GA, and FERNANDINA BEACH, FL-GA, both scale 1:24,000 and both dated 1959. Shoreline differences are shown in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were available at the time of final review.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 11503, scale 1:20,000, 28th edition dated April 26, 1975. Shoreline differences are shown on the comparison print in red.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with Project Instructions and meets the requirements for Bureau standards and National Standards for Map Accuracy.

Reviewed by:

Charles HBishop

Charles H. Bishop Cartographer September 3, 1975

Approved for forwarding

Victor E. Serena

Chief, Photogrammetric Branch, AMC

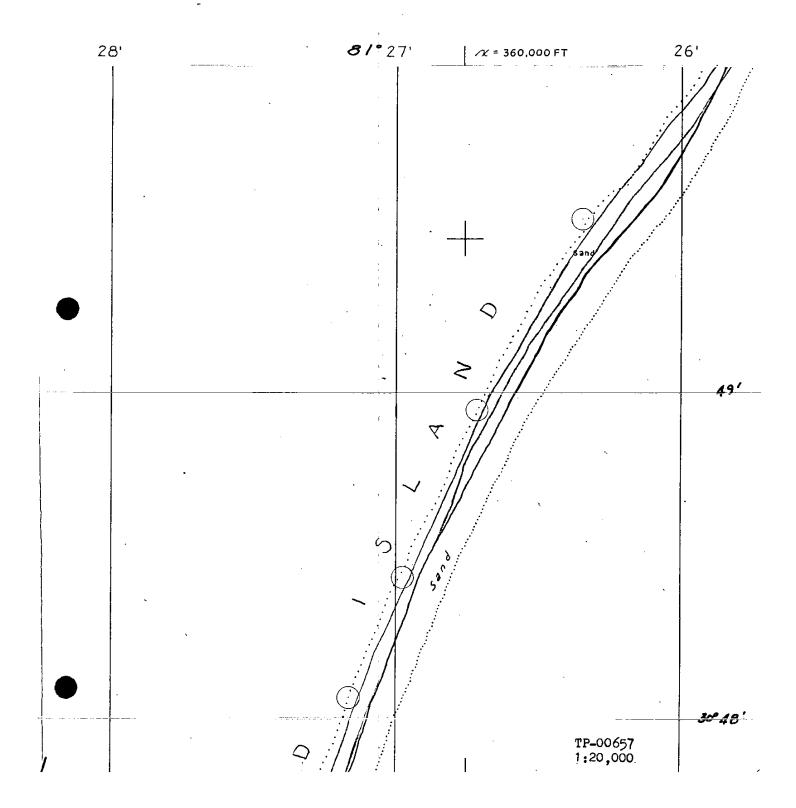
Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

COMPARISON PRINT

Blue = T-5131 Brown = USGS Red = Chart 11503



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		COMPARISON PRINT
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		TP_00657
		TP-00657 1:20,000
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