

TP-00199

TP- 00199

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
THIS MAP EDITION WILL NOT BE FIELD EDITED	
Map No. TP-00199	Edition No. 1
Job No. CM-7804	
Map Classification CLASS III (FINAL)	
Type of Survey SHORELINE	
LOCALITY	
State GEORGIA-FLORIDA	
General Locality KINGS BAY TO ST. MARYS ENTRANCE	
Locality ST. MARYS RIVER	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 19 78 TO 19 </div>	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TP. 00199 MAP EDITION NO. (1) MAP CLASS FINAL CLASS JOB CM 7804 III	
DESCRIPTIVE REPORT - DATA RECORD				LAST PRECEDING MAP EDITION			
				TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, Va				OFFICER-IN-CHARGE Roy K. Matsushige, CDR			
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation May 5, 1978 Compilation June 22, 1978 Amendment #1 Aug. 17, 1978 Amendment #2 Dec. 4, 1978 Registration (Memo) July 14, 1983				Control Identification April 28, 1978			
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL				OTHER (Specify)			
3. MAP PROJECTION Transverse Mercator				4. GRID(S) STATE Georgia ZONE East			
5. SCALE 1:5,000				STATE ZONE			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY				S. Solbeck		July 1978	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY				S. Solbeck		July 1978	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				C. Blood		Sept 1978	
INSTRUMENT: Wild B-8				A. Rauck		Sept 1978	
SCALE: 1:5,000				N.A.			
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY				I. Perkinson		Sept 1978,	
METHOD: Smooth drafted and graphic				F. Margiotta		Sept 1978	
SCALE: 1:5,000				N.A.			
HYDRO SUPPORT DATA BY CHECKED BY				N.A.			
5. OFFICE INSPECTION BY				F. Margiotta		Sept 1978	
6. APPLICATION OF FIELD DATA BY				R. Kravitz		Mar. 1979	
CHECKED BY				C. Blood		Mar. 1979	
7. COMPILATION SECTION REVIEW BY				C. Blood		Mar. 1979	
8. FINAL REVIEW CLASS III BY				J. Hancock		Sept 1983	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				J. Hancock		Oct. 1983	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				P. Hawkins		June 1984	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				E. DAUGHERTY		Nov 1984	

TP-00199
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C. 8, "E" and "K" "E"=152.71mm, "K"=151.77mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES				Eastern	
<input type="checkbox"/> REFERENCE STATION RECORDS				MERIDIAN	
<input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				75	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
78E(P) 8293-8297	Mar 23, 1978	14:44	1:15,000	0.3 ft. above M.L.W.	
78K(I) 3284-3286	Mar 23, 1978	14:44	1:15,000	0.3 ft. above M.L.W.	
				Mean Range = 6.1 ft.	

REMARKS

Panchromatic and infrared photographs taken in tandem.

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from office interpretation of the compilation photographs taken with the "E" camera.

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

The mean low water line was compiled graphically from the tide coordinated infrared photographs. These were coordinated to predicted tides and taken with the "K" camera.

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

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
TP-00197	TP-00200 TP-00202	No survey	No survey

REMARKS

TP-00199
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION (Hor. Cont.) ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	May 1978
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	N.A. N.A. N.A.
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None None None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N.A.

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

N.A.

PHOTO NUMBER

STATION NAME

PHOTO NUMBER

STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER

OBJECT NAME

PHOTO NUMBER

OBJECT NAME

5. GEOGRAPHIC NAMES:

☐ REPORT☒ NONE

6. BOUNDARY AND LIMITS:

☐ REPORT☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

1 Project Field Report
Geographic Positions of hydrographic signal sites and fixed
navigational aids within the project area.

TP-00199
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD SURVEY OPERATION (See Note, Item #8)

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	A. Bryson	Nov. 1978
2. HORIZONTAL CONTROL	RECOVERED BY A. Bryson ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	Nov. 1978
3. VERTICAL CONTROL	RECOVERED BY N.A. ESTABLISHED BY N.A. PRE-MARKED OR IDENTIFIED BY N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY A. Bryson LOCATED (Field Methods) BY None IDENTIFIED BY None	Nov. 1978
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED None		2. VERTICAL CONTROL IDENTIFIED None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (Clarification of details) None			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED None			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
5. GEOGRAPHIC NAMES: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS None			
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) 1 Paper Field Discrepancy Print NOTE: Segmented field activity performed to identify questionable features for post photogrammetric processing.			

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00199
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete	Sept. 1978	Class III manuscript	Oct. 1978	Oct. 1978
Various field information applied	Mar. 1979	Class III manuscript	None	None
Final Review, Class III	Sept. 1983	Final Class III Map	APR 1984	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER (Pages)	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		APR 1984	Aids for charts

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

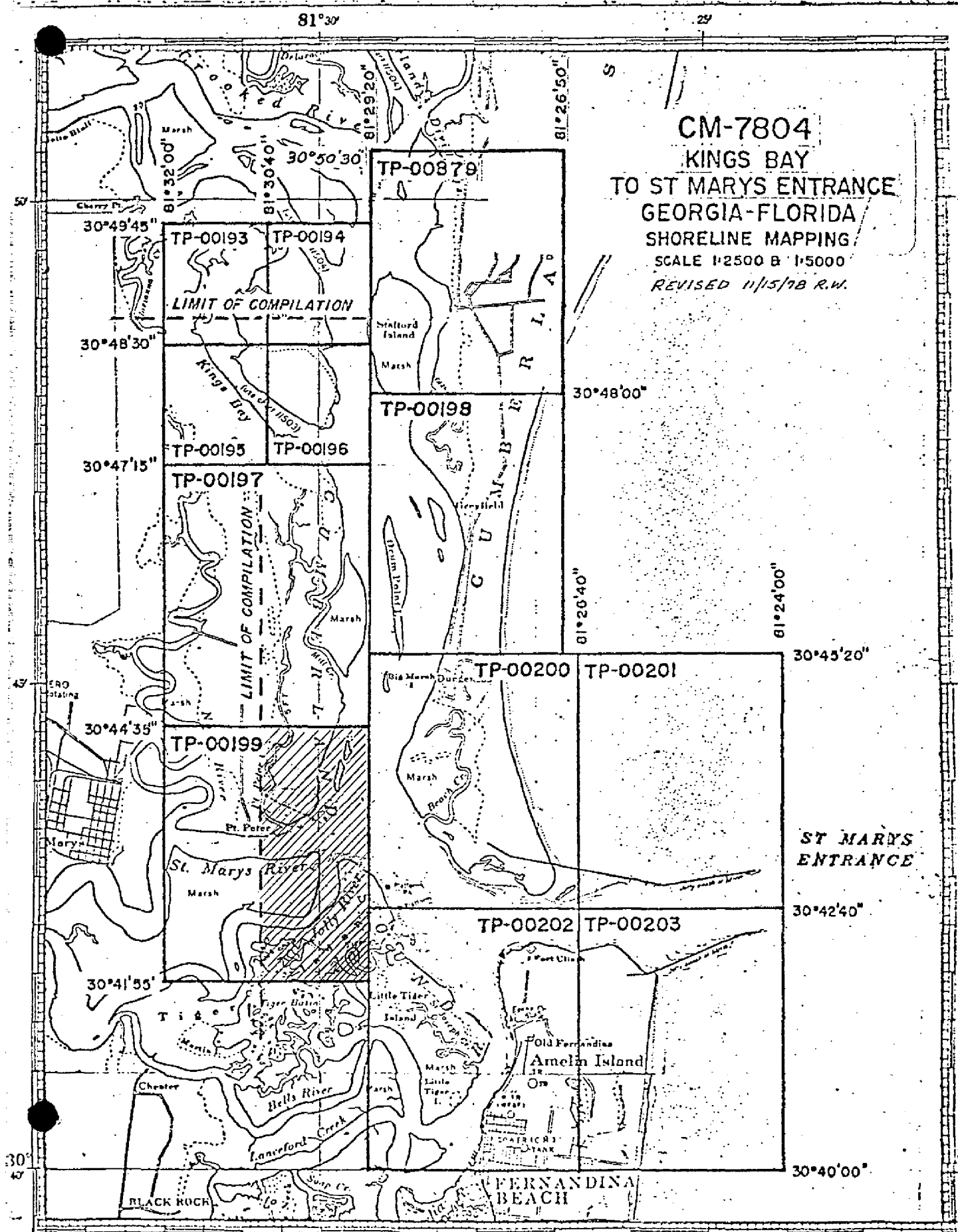
III. FEDERAL RECORDS CENTER DATA

1. ☐ BRIDGING PHOTOGRAPHS; ☐ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
 3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00199

This 1:5,000 scale final Class III shoreline map is one of twelve maps that comprise project CM-7804, Kings Bay to St. Marys Entrance, Florida-Georgia. The project consists of four 1:2,500 scale maps, TP-00193 through TP-00196 and eight 1:5,000 scale maps, TP-00197 through TP-00203 and TP-00879.

The purpose of this project is to provide current charting information for nautical chart maintenance and to furnish support data for hydrographic operations.

This Class III map portrays a portion of the interior shoreline of the St. Marys River and Jolly River as they branch off from the Cumberland Sound.

Photo coverage was adequately provided by panchromatic photography taken with the "E" camera in March/April 1978 at scales 1:30,000, 1:15,000 and 1:7,500. This photography was used for aerotriangulation and compilation. Supplemental infrared photography, taken with the "K" camera at scales 1:15,000 and 1:7,500 were exposed at mean low water in tandem with the compilation photographs. All tide-coordinated photographs were based on predicted tide data.

Field work prior to compilation was accomplished in May 1978; this involved the establishment of horizontal control by field photoidentification methods to meet aerotriangulation requirements. Additional field activity in June/July 1978 involved determining geographic positions for hydrographic signal sites and for fixed navigational aids.

Analytic aerotriangulation was adequately provided by the Washington Science Center in July 1978. This included the extension of photo control, ruling the base manuscripts and determining ratio values for the photographs.

Compilation of the original Class III manuscript was accomplished in September 1978 by the Coastal Mapping Unit at the Atlantic Marine Center. Problems concerning delineation of the apparent shoreline are addressed in item #35 of the Compilation Report. Copies of the unreviewed Class III map were forwarded to Marine Charts and to the hydrographer which had commenced hydrographic activity in the mapping area.

No standard field edit operation was accomplished for this map. However, a field investigation was performed in November 1978 to define questionable features not identifiable from the photographs. This data was utilized only to complement the original office interpretation and was applied in March 1979 as a post photogrammetric function.

SUMMARY (con't)

TP-00199

Final review was performed at the Atlantic Marine Center in August 1983. A final Chart Maintenance Print was prepared and forwarded to the Marine Chart Branch. Also, a final map print was prepared for the Hydrographic Surveys Branch.

This Descriptive Report contains all pertinent information used to compile this Final Class III map. The original base manuscript and all related data were forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

TP-00199

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and photo identification of the horizontal control necessary for the aerotriangulation of the project. Control was determined by the substitute station method.

Additional field activity included determining signal sites for the hydrographer and locating various nonfloating aids.

JOB CM-7804

KINGS BAY TO ST. MARY'S ENTRANCE

GEORGIA - FLORIDA

SHORELINE MAPPING

GENERAL

In accordance with a letter from Richard H. Houlder, Associate Director, Marine Surveys and Maps, dated April 28, 1978, photo identification of Horizontal Control Stations for Aerotriangulation was performed by Photo Party 62.

Recovery of Horizontal Stations were limited to those needed, as indicated on the control requirement diagram. Existing stations were used in each circled area except for area # 1. The stations in the circle could not be recovered, or were destroyed. Station Causeway, U.S.E., 1933 was substituted.

HORIZONTAL CONTROL PHOTO-IDENTIFICATION

The 1978 photographs of Kings Bay to St. Mary's Entrance was excellent and no difficulty was encountered in selection of, and picking of photo-stations in that area.

CIRCLE NO. 1

Three substitute stations were photo-identified on photograph No. 78 E 8773. Station Causeway, U.S.E., 1933 was occupied to locate sub-stations.

CIRCLE NO. 2

Two substitute stations were photo-identified on photograph No. 78 E 8794. Station Amelia Lighthouse, 1905 was occupied to locate sub-stations.

JOB CM-7804

CIRCLE NO. 3

Two substitute stations were photo-identified on photograph No. 78 E 8792. Station Gun, U.S.E., 1954 was occupied to locate sub-stations.

CIRCLE NO. 4

Two substitute stations were photo-identified on photograph No. 78 E 8777. Station Hammock 2, 1954 was occupied to locate sub-stations.

CIRCLE NO. 5

Three substitute stations were photo-identified on photograph No. 78 E 8780. Station Forsaken 2, 1933 was occupied to locate sub-stations.

CIRCLE NO. 6

Three substitute stations were photo-identified on photograph No. 78 E 8786. Station Crooked, 1905 - 1933 was occupied to locate sub-stations.

All Control Station Identification cards, photographs, Recovery Notes, computations, and field data are enclosed.

Respectfully submitted:

Ronald E. Ledbetter

Ronald E. Ledbetter

Approved and Forwarded:

Robert S. Tibbetts

Robert S. Tibbetts

Chief, Photo Party 62

Photogrammetric Plot Report

CM-7804

Kings Bay to St. Mary Entrance
Florida-Georgia
July 1978

21. Area Covered

The area surrounding the entrance to St. Marys River, inland to the community of St. Marys, north Kings Bay and south to Fernandina Beach. The area is covered by eleven manuscripts; Four (4) 1:2,500 (TP-00193 through TP-00196) and seven (7) 1:5,000 (TP-00197 through TP-00203).

22. Method

Two strips of 1:30,000 scale black and white photography were bridged by analytic aerotriangulation methods. Control was field identified. Office control was used as a check.

Tie points were used to ensure adequate junctioning between all bridging strips.

Common points were located on the 1:30,000 scale photography and the 1:7,500 scale photography. Their purpose was to provide control for the latter photography. A block adjustment was used on the 1:7,500 scale photography to ensure that the transferred points provided adequate control for the 1:2,500 scale manuscripts.

Common points were located on the 1:15,000 scale black and white photography for compilation purposed. These points were also used to provide ratio values for the 1:15,000 scale infrared photography which was flown in tandem with the compilation photography.

Ratio values for the 1:7,500 scale infrared photography were derived from pass points on the 1:7,500 scale bridging photography, as the two were flown in tandem.

All strip adjustments were based on Georgia East Zone coordinates.

Ratio prints on the infrared photography have been ordered.

Manuscripts were ruled on the Coradomat.

23. Adequacy of Control

The control provided was adequate and meets the requiremnts for National Standards of Map Accuracy.

Station Forsaken 2 contained three sub-stations, of which only one was able to be measured accurately. The other two were apparently not located correctly by the field party and were dropped from the adjustment.

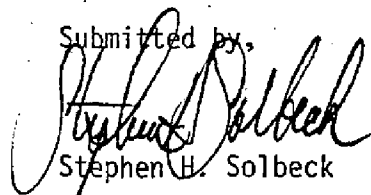
24. Supplemental Data

USGS quads were used to provide vertical control for the strip adjustments. Nautical charts 11502 and 11503 were used to locate Aids and Landmarks.

25. Photography

The coverage, overlap, and quality of the photography were adequate for the job.

Submitted by,



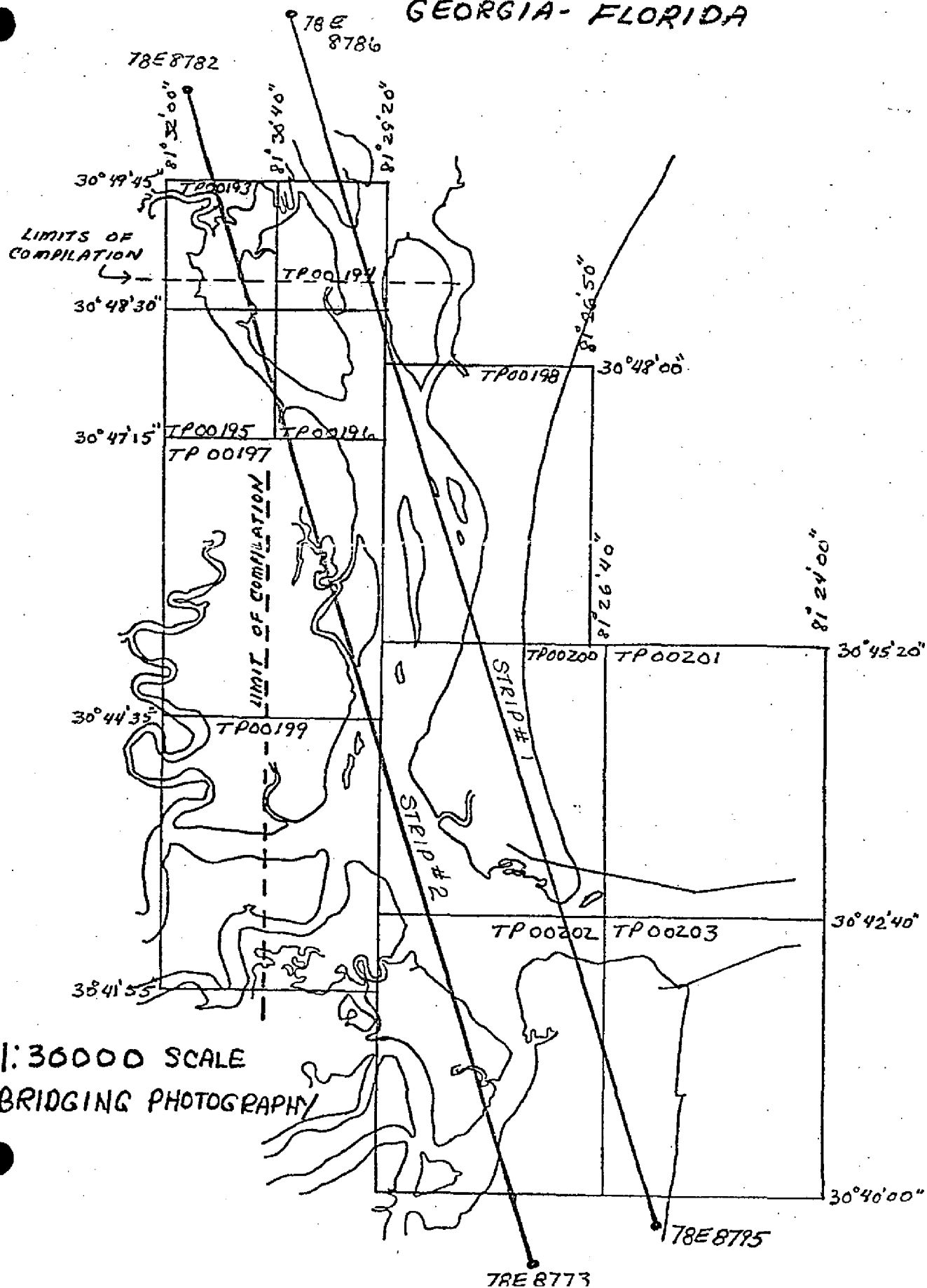
Stephen H. Solbeck

Approved and Forwarded:

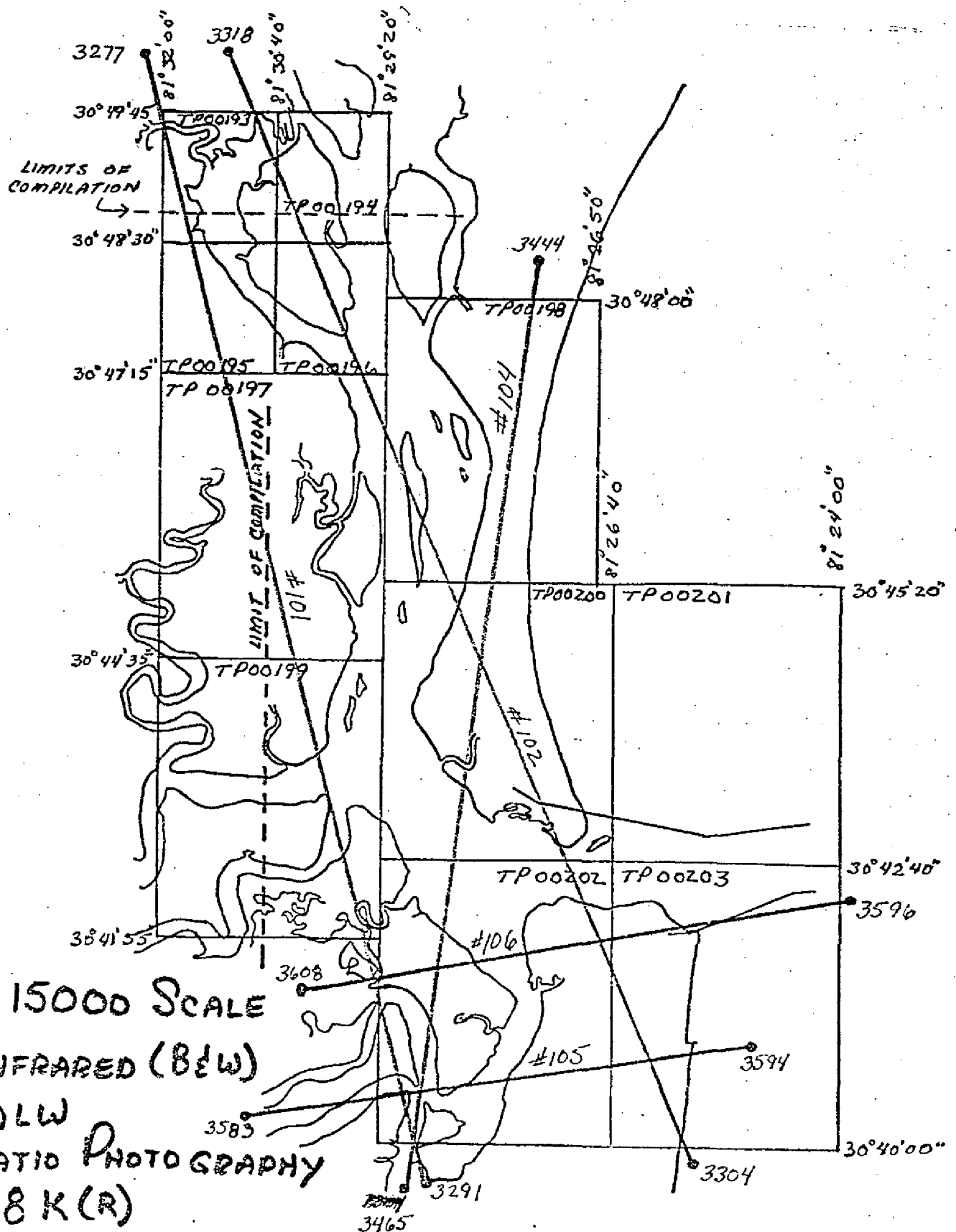


Don O. Norman
Acting Chief, Aerotriangulation Section

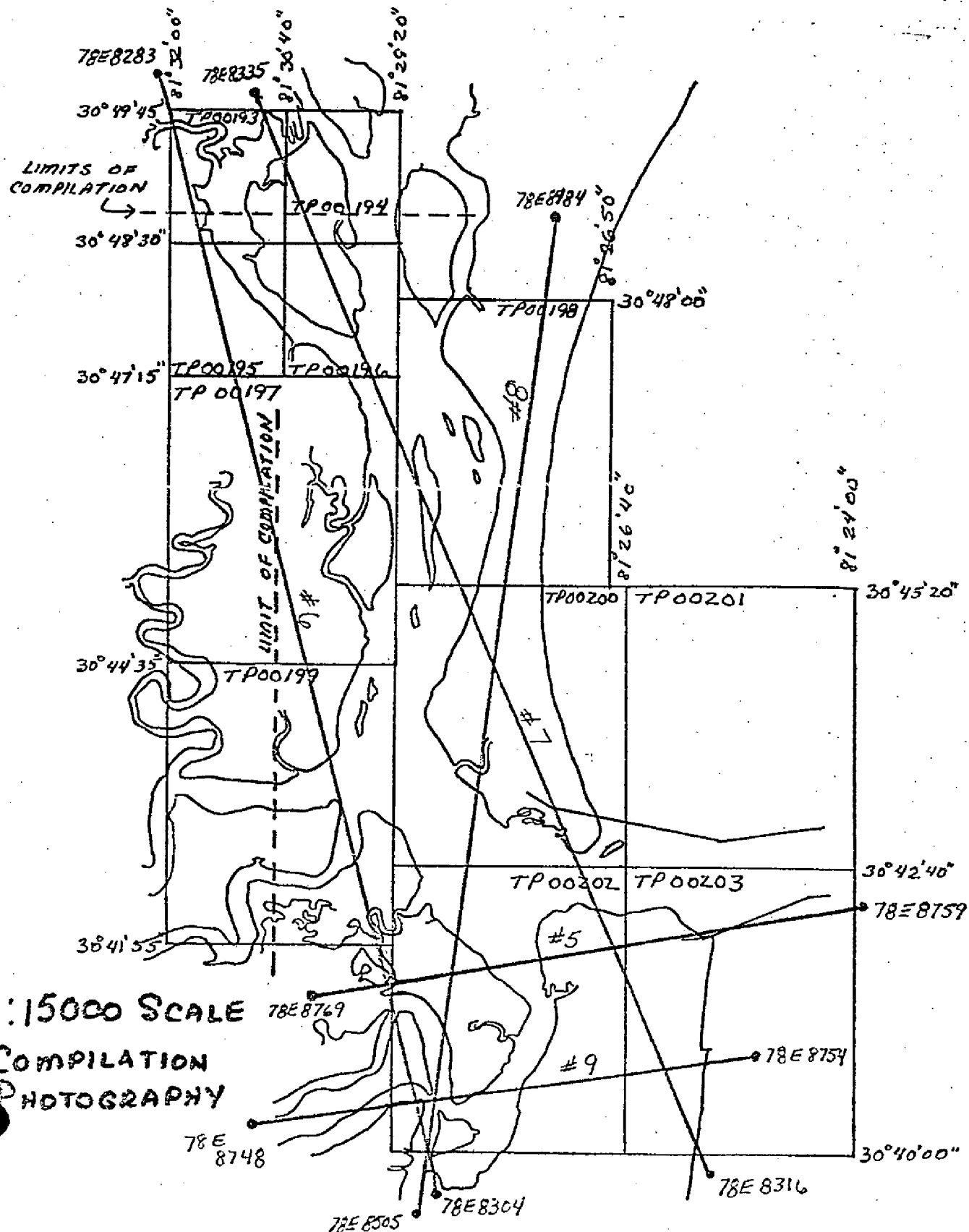
CM 7804
 KINGS BAY TO ST MARYS ENTRANCE
 GEORGIA-FLORIDA

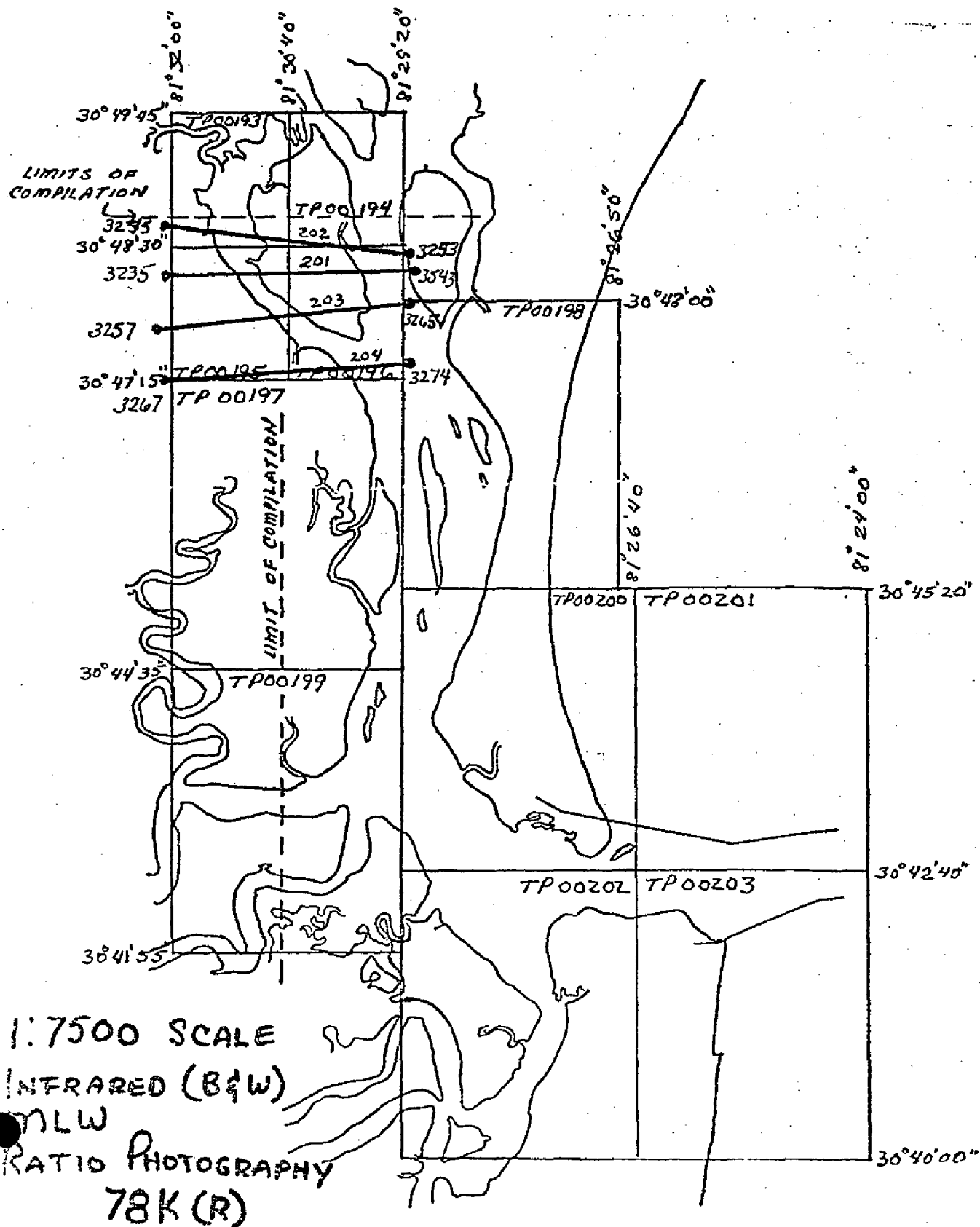


CM 7804
KINGS BAY TO ST MARYS ENTRANCE
GEORGIA-FLORIDA

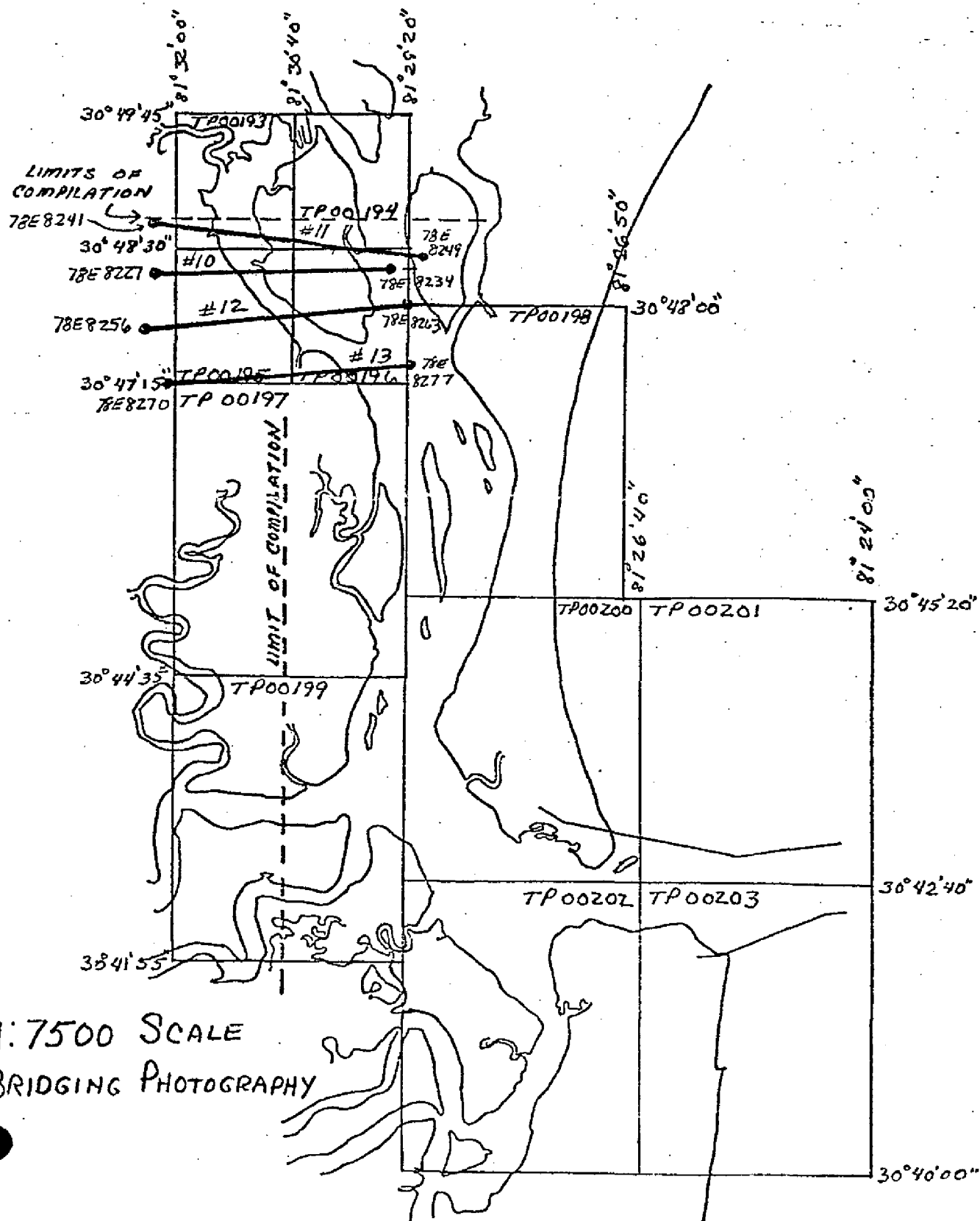


CM 7804 16
 KINGS BAY TO ST MARYS ENTRANCE
 GEORGIA-FLORIDA





CM 7804 18
 KINGS BAY TO ST MARYS ENTRANCE
 GEORGIA-FLORIDA



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		ORIGINATING ACTIVITY	
					CM-7804	N.A. 1927	COASTAL MAPPING DIVISION, AMC	REMARKS
					COORDINATES IN FEET STATE Georgia ZONE East	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	FRONT M. BACK M.	
PET (U.S.E.), 1954	G.P. VOL I Page 955	35	x= 711,424.97 y= 269,265.73	φ 30° 44' 19.277" x λ 81° 29' 37.279" x	593.6 (1254.1) 991.7 (604.4)			
LUCAS U.S.E., 1932	" " 49	46	x= y=	φ 30° 43' 30.847" x λ 81° 31' 16.272" x	949.9 (897.8) 432.9 (1163.4)			
POINT PETER, 1855	" " 37	47	x= y=	φ 30° 43' 37.800" x λ 81° 30' 43.635" x	1164.1 (683.6) 1160.9 (435.4)			
TED (U.S.E.), 1932	Pg. 139	50	x= y=	φ 30° 42' 25.076" x λ 81° 31' 15.609" x	772.2 (1075.5) 415.4 (1181.2)			
WEST U.S.E., 1932	Pg. 49	51	x= y=	φ 30° 43' 15.001" x λ 81° 31' 37.429" x	462.0 (1385.7) 995.9 (600.5)			
HUB U.S.E., 1932	" " 49	52	x= y=	φ 30° 43' 12.761" x λ 81° 30' 59.725" x	393.0 (1454.7) 1589.1 (07.3)			
EAST U.S.E., 1932	" " 49	53	x= y=	φ 30° 43' 13.296" x λ 81° 30' 18.210" x	409.5 (1438.2) 484.5 (1111.9)			
JOLLY U.S.E., 1932	" " 49	54	x= y=	φ 30° 42' 59.656" x λ 81° 29' 43.453" x	1837.1 (10.6) 1156.2 (440.3)			
JOL (U.S.E.), 1954	Pg. 955	55	x= y=	φ 30° 43' 07.729" x λ 81° 29' 27.531" x	238.0 (1609.7) 732.5 (864.0)			
COMPUTED BY	A. Rauck, Jr.	DATE 7/5/78	COMPUTATION CHECKED BY	J. Moler	DATE 7/5/78			
LISTED BY	A. Rauck, Jr.	DATE 7/5/78	LISTING CHECKED BY	J. Moler	DATE 7/5/78			
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE			

COMPILATION REPORT

TP-00199

31. DELINEATION:

Delineation was accomplished using stereo instrument and graphic compilation methods. Instrument compilation was used to delineate shoreline, alongshore and interior detail based upon office interpretation of the 1:15,000 scale panchromatic compilation photographs. Tide coordinated MLW infrared photographs, taken in tandem with the compilation photography, were used to graphically compile the approximate mean low water line. Control for graphic delineation was provided by the instrument compilation of coastal detail and common image points.

All photographs used to compile this map are listed on NOAA form 76-36B. Photo coverage and quality was adequate.

32. CONTROL:

The horizontal control was adequate. Refer to the Photogrammetric Plot Report dated July 1978.

33. SUPPLEMENTAL DATA:

None

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project. Drainage was compiled by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

Shoreline and alongshore details were primarily compiled as described in Item #31. However, difficulty was encountered in delineating the apparent mean high-water line as most of the shoreline and foreshore appear as a continuous marsh grass that is partially covered at mean high water. In most cases a distinct line of demarcation could not be determined through this vegetation, making photo interpretation questionable. Subsequently, vertical instrument measurements were used to assist in interpreting the apparent shoreline. Infrared tide coordinated mean high water photography was not provided.

Graphic delineation of the mean low water line was compiled as described in Item #31 by the ratio infrared MLW photographs provided by aerotriangulation.

TP-00199

36. OFFSHORE DETAIL:

Within a low water limit, there are two small spoil areas, one at Lat. $30^{\circ} 43.8'$, Long. $81^{\circ} 29.8'$ and another at Lat. $30^{\circ} 43.9'$, Long. $81^{\circ} 29.7'$. Also, a small low water bar was compiled at Lat. $30^{\circ} 43.3'$ Long. $81^{\circ} 29.5'$.

37. LANDMARKS AND AIDS:

Within the limits of this manuscript there were no charted landmarks and three charted navigational aids. Photo verification of the field determination for these aids was accomplished.

38. CONTROL FOR FUTURE SURVEYS:

Hydrographic signal sites for the project area and several fixed navigational aids were located by the photo field party during the establishment of the horizontal control.

39. JUNCTION:

See form 76-36B item 5 of the Descriptive Report concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

See Item #32.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with U.S.G.S. quadrangles St. Marys, FL-GA, 1:24,000 scale, dated 1958, photorevised 1970 and Fernandina Beach, FL-GA, 1:24,000 scale, dated 1958, photorevised 1970.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with NOS chart 11503, scale 1:20,000, 29th edition, dated July 9, 1977.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None

ITEMS TO BE CARRIED FORWARD:

None

Approved:

Jan 8. 1978
Albert C. Rauck, Jr.
Chief, Coastal Mapping Section

Submitted by:

Irene Perkinson
Irene Perkinson
Cartographic Technician
Sept. 21, 1978

ADDENDUM TO THE COMPILATION REPORT

TP-00199

Field information provided in November 1978 was applied according to the field discrepancy print submitted. This data primarily included identification of features that were questionable through photo interpretation. This data is not sufficient to reclassify the map as the shoreline was not field verified.

REVIEW REPORT TP-00199

SHORELINE

61. GENERAL STATEMENT:

Refer to the Summary included in this Descriptive Report for a general analysis of all activities.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with the following 1:24,000 scale U.S.G.S. quadrangles:

Fernandina Beach, FL-GA, 1958, photorevised 1970

St. Marys, FL-GA, 1958, photo revised 1970

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with a copy of smoothsheet H-9806, 1:5,000 scale, verified January 1980. The original Class III shoreline compilation was transferred to the hydrographic survey. Because of the problem, as addressed in item #35 of the compilation report concerning the delineation of the apparent shoreline, minor revisions were made during post compilation using instrument stereo methods, relying primarily on vertical measurements and supplemental field data.

There were no discrepancies involving hydrographic soundings extending beyond the mean high water line of either the original or post compilation shoreline delineation.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following NOS charts:

11503, 1:20,000 scale, 31st edition, April 30, 1983

11489, 1:40,000 scale, 20th edition, Oct. 16, 1982

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

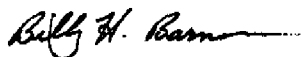
This map complies with the Project Instructions, and meets the requirements for National Standards of Map Accuracy.

Submitted by:

Jerry L. Hancock
Jerry L. Hancock
Final Reviewer

REVIEW REPORT TP-00199 (con't)

Approved for forwarding:

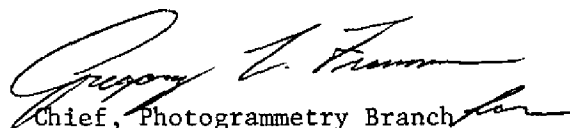


Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved:



Chief, Photogrammetric Section, Rockville



Chief, Photogrammetry Branch

7/26/83

GEOGRAPHIC NAMES

FINAL NAMES SHEET

.CM-7804 (Kings Bay to St. Marys Entrance, FL.-GA.)

TP-00199

Cumberland Sound

Jolly River

Little Tiger Island

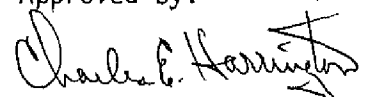
Point Peter Creek

St. Marys River

Tiger Creek

Tiger Island

Approved by:



Charles E. Harrington
Chief Geographer, N/CG2x5

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	A. Bryson
POSITIONS DETERMINED AND/OR VERIFIED	C. Blood
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	J. Hancock, Oct. 1983
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64)	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field P - Photogrammetric L - Located Vis - Visually V - Verified 1 - Triangulation 5 - Field identified 2 - Traverse 6 - Theodolite 3 - Intersection 7 - Planetable 4 - Resection 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

