

TP-00497

TP-00497

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-7205 Map No. TP-00497 ...

Classification No. Edition No. 1

Field edited map

LOCALITY

State Georgia

..... Savannah to

General Locality St. Marys Entrance

Locality St. Andrew Sound

1971 TO 1974

REGISTRY IN ARCHIVES

DATE 12 FEB 1976

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, VA		SURVEY TP. <u>00497</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>CM-7205</u>	
OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		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__			
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation Jan. 8, 1971 Compilation April 9, 1973		Oct. 22, 1971 Sept. 25, 1973	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify) _____	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify) _____	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE Georgia ZONE East	
5. SCALE 1:20,000		STATE _____ ZONE _____	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		<u>M. McGinley</u>	<u>No date</u>
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Coradomat</u> CHECKED BY		<u>D. Phillips</u>	<u>May, 1974</u>
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY		<u>J. Byrd</u>	<u>July, 1974</u>
INSTRUMENT: <u>Wild B-8</u> CONTOURS BY SCALE: <u>1:15,000</u> CHECKED BY		<u>R.R. White</u>	<u>July, 1974</u>
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY		<u>J. Byrd</u>	<u>July, 1974</u>
METHOD: <u>Wild B-8 and graphic</u> CONTOURS BY SCALE: <u>1:20,000</u> CHECKED BY		<u>R.R. White</u>	<u>July, 1974</u>
HYDRO SUPPORT DATA BY CHECKED BY		<u>NA</u>	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		<u>R.R. White</u>	<u>July, 1974</u>
6. APPLICATION OF FIELD EDIT DATA BY		<u>J. Byrd</u>	<u>Feb., 1975</u>
CHECKED BY		<u>A.L. Shands</u>	<u>Mar., 1975</u>
7. COMPILATION SECTION REVIEW BY		<u>A.L. Shands</u>	<u>Mar., 1975</u>
8. FINAL REVIEW BY		<u>C.H. Bishop</u>	<u>Oct., 1975</u>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY			
11. MAP REGISTERED - COASTAL SURVEY SECTION BY			

NOAA FORM 76-36B
(3-72)TP-00497
COMPILATION SOURCESU. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

1. COMPILATION PHOTOGRAPHY

CAMERA(S)

Wild RC-8 "E", RC-9 "M" & RC-10 "C"

TYPES OF PHOTOGRAPHY
LEGEND

TIME REFERENCE

TIDE STAGE REFERENCE SAVANNAH RIVER ENT

☒ PREDICTED TIDES Jekyll Point☐ REFERENCE STATION RECORDS☒ TIDE CONTROLLED PHOTOGRAPHY

(C) COLOR X

(P) PANCHROMATIC X

(I) INFRARED X

ZONE

5th

☒ STANDARD

MERIDIAN

75th

☐ DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
* 73C(C)4245(I) - 4248(I)	9/30/73	10:00	1:60,000	7.2 ft. above MLW
** 73C(C)4291(I) - 4294(I)	10/8/73	10:03	1:60,000	\pm 0.2 ft. of MHW
** 74C(C)(I)8992 - 8995	4/6/74	15:30	1:60,000	\pm 0.2 ft. of MLW

REMARKS

*Bridge and compilation photos.

**Tide coordinated photos.

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from tide coordinated infrared photography.

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

The mean low water line was compiled from tide coordinated infrared photography.

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-00496	No Survey	CM-7306 TP-00657	No Survey

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00497
HISTORY OF FIELD OPERATIONS1. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.S.T.	Sept. 1973
2. HORIZONTAL CONTROL	RECOVERED BY L.H.D.	Sept. 1973
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY L.H.D.	Sept. 1973
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY L.H.D.	Sept. 1973
	LOCATED (Field Methods) BY	
	IDENTIFIED BY L.H.D.	Sept. 1973
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	<input type="checkbox"/> COMPLETE	
	<input type="checkbox"/> SPECIFIC NAMES ONLY BY	
	<input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY NA	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
73C-4246(I)	LITTLE CUMBERLAND ISLAND LIGHTHOUSE, 1860		
73C-4248(I)	CUMBERLAND ISLAND WATER TANK, 1933		

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
73C-4246(I)	LITTLE CUMBERLAND ISLAND LIGHTHOUSE, 1860		

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

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

CSI cards, Sun azimuth forms

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Richard E. Kesselring	Aug. 1974
2. HORIZONTAL CONTROL	RECOVERED BY " " "	" "
	ESTABLISHED BY " " "	" "
	PRE-MARKED OR IDENTIFIED BY " " "	SEPT. 1973
3. VERTICAL CONTROL	RECOVERED BY	
	ESTABLISHED BY	
	PRE-MARKED OR IDENTIFIED BY	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY Richard E. Kesselring	Aug. 1974
	LOCATED (Field Methods) BY " " "	" "
	IDENTIFIED BY	
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 N.A.	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED PRE-MARK
Little Cumberland Island Lighthouse 1860
Cumberland Island Tank 19332. VERTICAL CONTROL IDENTIFIED
N.A.

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)
73C(C) 4292; 73C(C) 4294; 74C(C) 89944. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Located by Field Methods:
Old Tower (Little Cumberland Island Lighthouse 1860); St. Andrews Sound Light 32;
Cumberland River Light 34; Cumberland River Light 35; Satilla River Daybeacon 8;
Satilla River Daybeacon 10.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

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

3 - Form 76-40 Non-Floating Aids or Landmarks for Charts
1 - Form 526

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00497
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	7/ /74	Class III Manuscript Superseded		8/6/74
Field edit applied Compilation complete	2/ /75	Class I Manuscript Superseded	3/18/75	
Final Review	10/ /75	Final	10-23-75	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		3/19/75	Ldmk. for charting
1		3/19/75	Ldmk. for deletion
5		3/19/75	Aids for charting

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 3/19/753. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED:

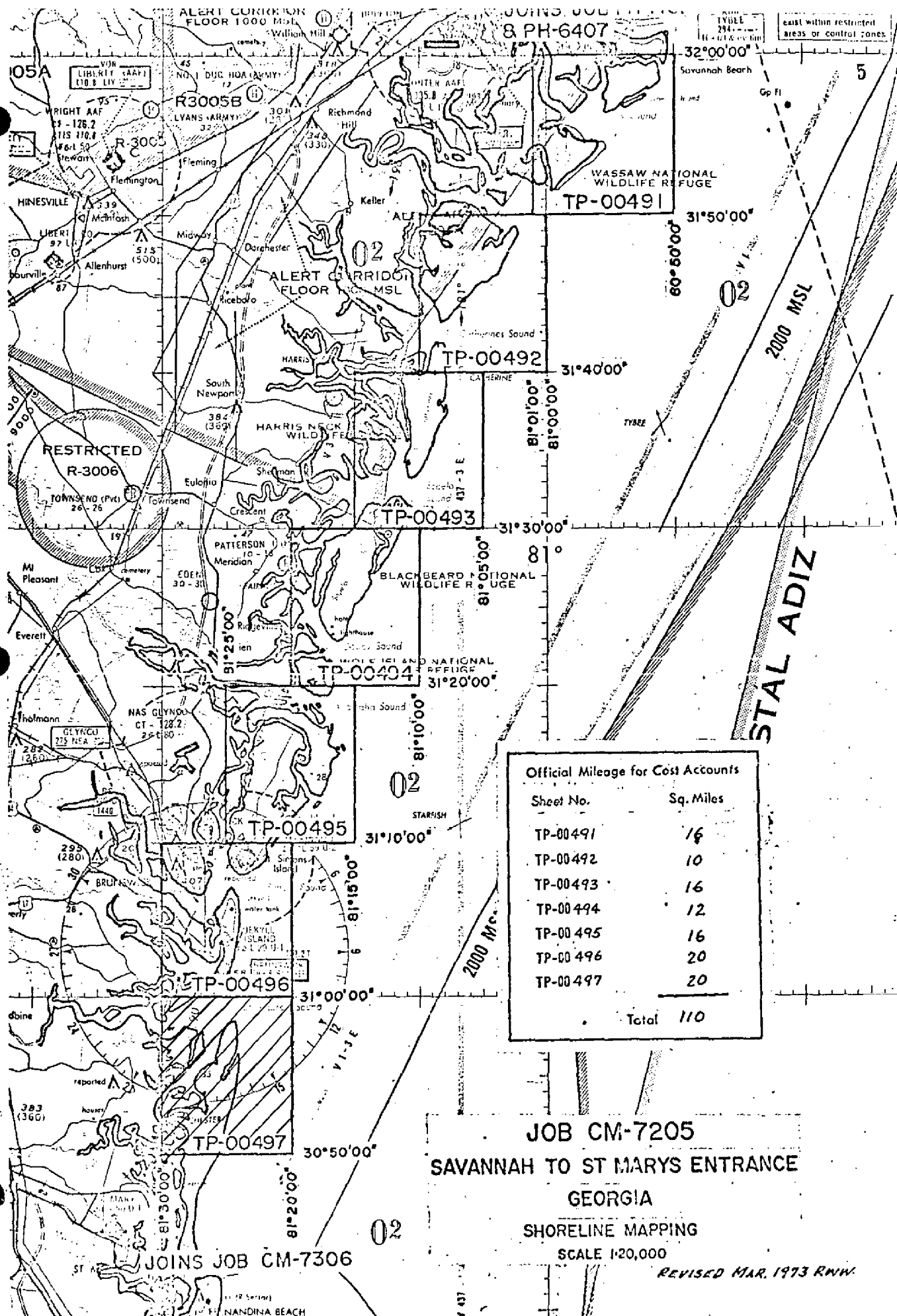
III. FEDERAL RECORDS CENTER DATA

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 REPORTS TP-00491 through TP-00497

Project CM-7205 is one of several small shoreline projects that are included in the Southern Coastal Plains Expedition. It consists of seven 1:20,000 scale shoreline manuscripts and extends from Savannah, Georgia southward to St. Marys Entrance, Georgia. Only the Atlantic Ocean shoreline was mapped.

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

Bridging for Maps TP-00491 through TP-00495 was done by analytic aerotriangulation methods in the Rockville Office in May 1973, using 1:60,000 scale panchromatic photographs taken in 1971. TP-00496 and TP-00497 were bridged in February 1974, using 1:30,000 scale color photographs taken in October 1973.

Compilation was done at the Atlantic Marine Center in June and July 1973 and June and July 1974.

Field edit was done in August 1973 and August 1974.

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

The original manuscript for TP-00491 was a stabilene sheet 10 minutes in latitude by 11 minutes in longitude. The original manuscripts for TP-00492 through TP-00497 were stabilene sheets 10 minutes in latitude by 10 minutes in longitude.

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

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 joining 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 STK1 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
Michael L. McGinley

Approved by:

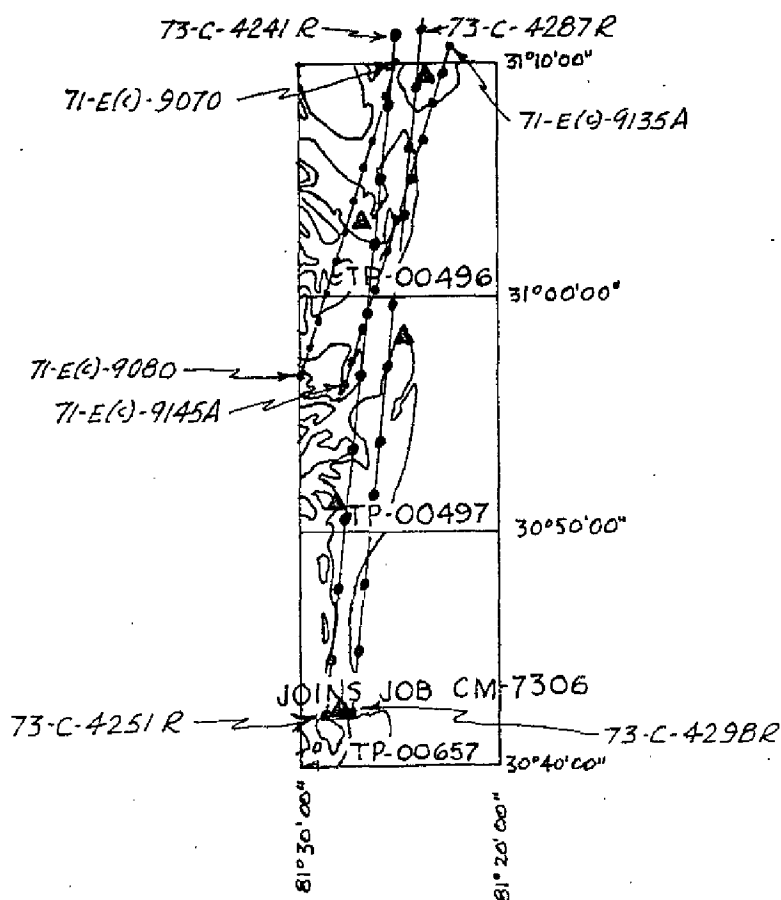
John D. Perrow, Jr.
John D. Perrow, Jr.

Chief, Aerotriangulation Section

73-C-4241R to 4251R Color IR - Bridging 1:60,000

73-C-4287R to 429BR Color IR MHW 1:60,000

71-E(2)-9070 to 9080 & 9135A to 9145A 1:30,000 Color



JOB CM-7205

Savannah to St Mary's Entrance Part II
Georgia

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS
					STATE	ZONE	ϕ LATITUDE	λ LONGITUDE	
TP-00497	CM-7205	TILLA 2, 1933	Bridge form 164		N.A. 1927				
					Georgian East				
LITTLE CUMBERLAND ISLAND LIGHTHOUSE, 1860	Pg. 2	Bridge form 164			x=	716,736.46 ft.	ϕ		
					y=	362,094.47 ft.	λ		
					x=	736,110.30 ft.	ϕ		
					y=	355,729.11 ft.	λ		
CUMBERLAND ISLAND TANK, 1933	Quad. 300-811 STA 1020				x=		ϕ 30° 51' 22.822"		
					y=		λ 81° 27' 51.690"		
					x=		ϕ		
					y=		λ		
					x=		ϕ		
					y=		λ		
					x=		ϕ		
					y=		λ		
					x=		ϕ		
					y=		λ		
					x=		ϕ		
					y=		λ		
					x=		ϕ		
					y=		λ		
					x=		ϕ		
					y=		λ		
					x=		ϕ		
					y=		λ		
					x=		ϕ		
					y=		λ		
COMPUTED BY J. Byrd					COMPUTATION CHECKED BY R.R.W.				DATE July, 1974
LISTED BY					LISTING CHECKED BY				DATE
HAND PLOTTING BY					HAND PLOTTING CHECKED BY				DATE

COMPILATION REPORT

TP-00497

31. DELINEATION

Delineation was by the Wild B-8 stereoplotter.

Photography was adequate. There was no field inspection prior to compilation

32. CONTROL

See the attached "Photogrammetric Plot Report," dated: May, 1973.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

The mean high water line was delineated graphically from office interpretation of tide coordinated photography.

36. OFFSHORE DETAILS

The mean low water line was delineated graphically from office interpretation of tide coordinated photographs.

37. LANDMARKS AND AIDS

Copies of Form 76-40 for 5 non-floating aids to navigation and 2 landmarks were forwarded to the Rockville, MD office on March 19, 1975.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

See the attached form 76-36b, item #5 of the Descriptive Report, concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Geological Survey Quadrangle: CUMBERLAND ISLAND NORTH, GA, scale 1:24,000 dated 1958.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey chart: 448, scale 1:40,000, 8th edition, dated Sept. 16, 1972, and 1242, scale 1:80,000, 11th edition, dated Jan. 20, 1973.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Jim Byrd

Jim Byrd

Cartographer, July 23, 1974

Approved:

Albert C. Rauck, Jr.

Albert C. Rauck, Jr.

Chief, Coastal Mapping Section, AMC

ADDENDUM TO THE COMPILATION REPORT

TP-00497

FIELD EDIT

Field edit data was adequate.

The editor resolved all questionable items.

18 August 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7205 (Savannah to St. Marys Entrance, Georgia)

TP-00497

Atlantic Ocean

Christmas Creek

Cumberland Island

Little Cumberland Island

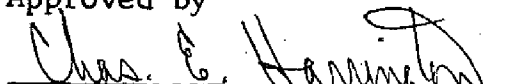
Long Point

Pelican Spit

St. Andrew Sound

Whitney Lake

Approved by



Chas. E. Harrington
Staff Geographer-C51x2

NOAA FORM 75-74 (2-74)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
TP-00497			
1. PROJECTION AND GRIDS RRW	2. TITLE RRW	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE ✓
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RRW	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA		7. PHOTO HYDRO STATIONS NA
8. BENCH MARKS NA	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT RRW	11. DETAIL POINTS
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE RRW	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
16. AIDS TO NAVIGATION RRW	17. LANDMARKS RRW	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES RRW
PHYSICAL FEATURES			
20. WATER FEATURES RRW	21. NATURAL GROUND COVER NA		22. PLANETABLE CONTOURS NA
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES
CULTURAL FEATURES			
27. ROADS RRW	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES RRW	34. JUNCTIONS RRW		35. LEGIBILITY OF THE MANUSCRIPT RRW
36. DISCREPANCY OVERLAY RRW	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS RRW
40. REVIEWER <i>Richard R. White</i> Richard R. White July, 1974		SUPERVISOR REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> A.C. Rauck, Jr.	
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 J. Byrd <i>Jim Byrd</i> <i>A.L. Shands</i> Reviewed: A.L. Shands Feb. 1975 March, 1975		SUPERVISOR <i>Albert C. Rauck, Jr.</i> A.C. Rauck, Jr.	
43. REMARKS Field edit applied from field edit ozalid TP-00497, field ratio prints 73C(C)-4292; 4294; 74C(C)-8994, and Forms 76-40 submitted with the field edit report.			

FIELD EDIT REPORT
SAVANNAH TO ST. MARYS ENT., GA.
JOB CM-7205
MAP TP-00497

52. Adequacy of Compilation

Compilation was adequate. The MHWL was accepted as compiled per instructions received from the Chief, Coastal Mapping Division dated May 28, 1974. No major shoreline changes were noted. Some dead trees in the foreshore were overlooked on Little Cumberland Island. The area was indicated on the field edit ozalid and cross-referenced to Photo 73C(C)4292. Several extensive areas of "sand dunes" were not mapped. The dunes are of the lateral type and were indicated on the field edit ozalid and cross-referenced to the proper photograph. New photography was flown of the area on this map in April, 1974.

54. Recommendations

There are no recommendations.

55. Examination of Proof Copy

Geographic Names

No investigation of geographic names was requested or made.

56. Landmarks and Non-Floating Aids for Navigation

There is only one landmark (Little Cumberland Island Lighthouse, 1860) within the limits of this map. It was entered on Form 76-40 and is included with this report. One compiled landmark, Cumberland Island Tank, 1933, was deleted. The tank is now completely surrounded by taller trees and is not visible from any water area. The tank was deleted on Form 76-40 which is included with this report.

There are five fixed aids to navigation on this sheet. They were all located by field survey methods for use by the hydrographic party. They were indicated on the field edit ozalid and entered on Form 76-40. That form is included with this report.

57. Rocks, Reefs, and Shoals

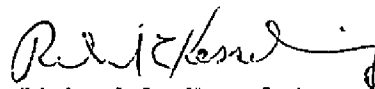
There are no rocks or reefs, as defined, within the compiled limits of this map. One area that might loosely be defined as a shoal is at the mouth of Christmas Creek. This area bares extensively at or near MLW. The 1974 low water photography should be consulted for the limits of this area.

58. Photography

Photography consisted of 1:30,000 scale contact prints and 1:20,000 black and white ratios of the color photography. The photography was adequate.

59. Disposition of Data

The field edit ozalid, field prints containing field edit information, and all pertinent field edit data were forwarded to the Director, Atlantic Marine Center.



Richard E. Kesselring
Surveying Technician
Photo Party 62

[illegible]

REVIEW REPORT TP-00497

SHORELINE

October 17, 1975

61. GENERAL STATEMENT:

See Summary which is page 6 of this Descriptive Report.

A comparison print showing differences noted in Par. 63 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

No registered topographic surveys of this area were available at the time of final review.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangles CUMBERLAND ISLAND NORTH, GA, and CUMBERLAND ISLAND SOUTH; GA, both 1:24,000 scale and both dated 1958. Significant differences are shown in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 11489, 1:40,000 scale 13th edition, dated June 28, 1975. Only differences to be expected along a sandy beach were noted. These were not significant and are not shown on the comparison print.

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.

Submitted by:

Charles H. Bishop

Charles H. Bishop
Cartographer
October 17, 1975

Approved for forwarding:

Victor E. Serena

Victor E. Serena
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

OLD TOWER (ABANDONED)
(LITTLE CUMBERLAND ISLAND LIGHTHOUSE, 1860)
ht = 71 (81)

CUMBERLAND
RIVER LIGHT 35

LITTLE CUMBERLAND ISLAND

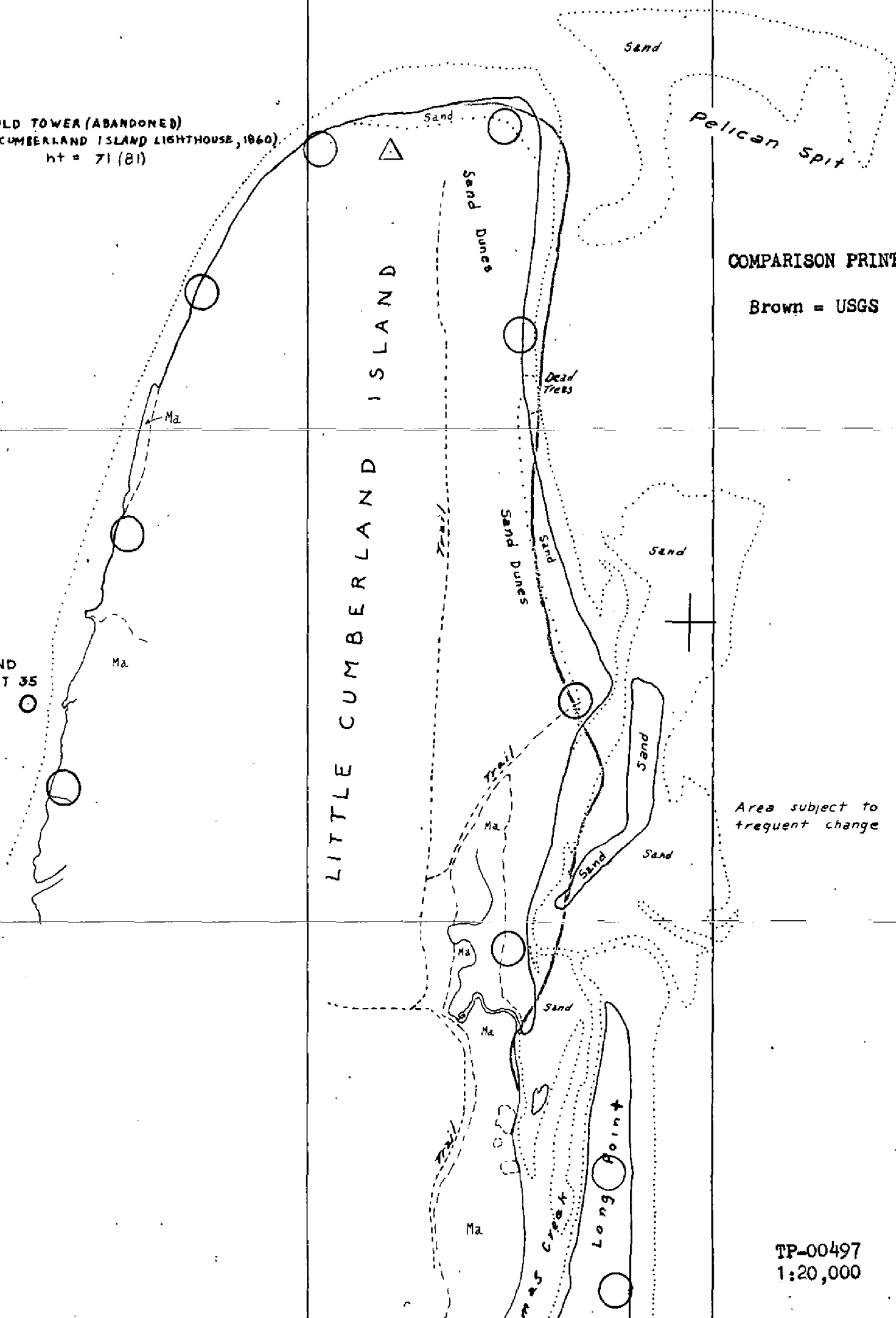
Pelican Spit

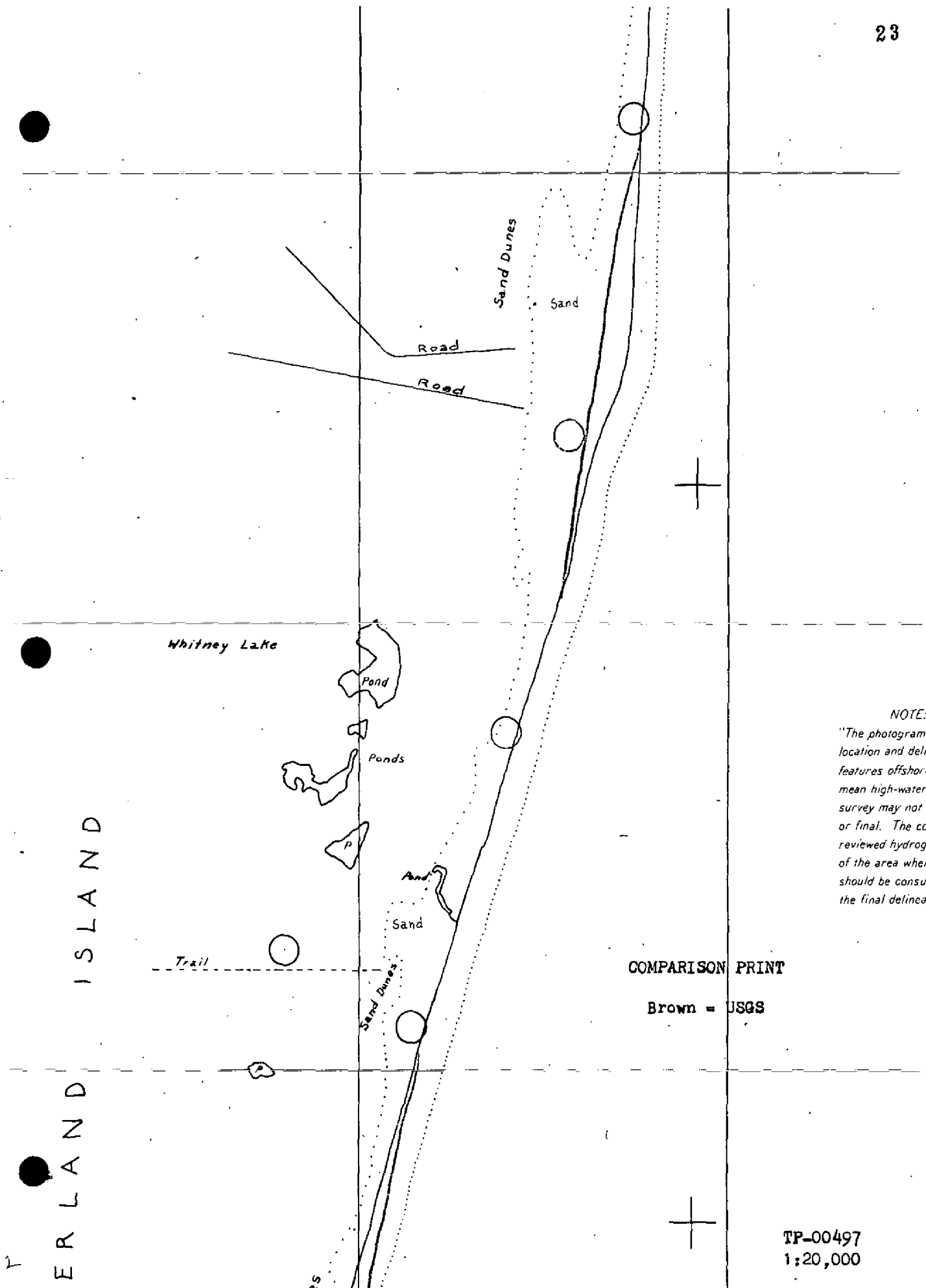
COMPARISON PRINT

Brown = USGS

Area subject to
frequent change

TP-00497
1:20,000





CUM E

COMPARISON PRINT

Brown = USGS

Sand

Sand Dunes

Sand Bar

Sand

X = 740,000 FT.

24'

25'

6'

NOTE: Unlabeled circles are photogrammetric
plot points; not map features

TP-00497
1:20,000