

TP-00932

TP-00932

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
This map edition will not be field edited	
Map No. TP-00932	Edition No. 1
Job No. CM-8003	
Map Classification Class III (Final)	
Type of Survey Shoreline Mapping	
LOCALITY	
State Alabama	
General Locality Bon Secour Bay	
Locality Bon Secour River	
19 81 XX 19 82	
REGISTRY IN ARCHIVES	
DATE	

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 Rockville, Maryland		SURVEY TP. <u>00932</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III</u> JOB <u>PH. CM-8003</u>	
OFFICER-IN-CHARGE Lawrence W. Fritz		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	
OFFICE - 5/20/82 AEROTRIANGULATION - 6/18/81		FIELD - 12/22/80 FIELD (Change No. 1) - 3/23/81	
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 checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify) _____	
3. MAP PROJECTION Transverse Mercator		4. GRID(S) STATE <u>Alabama</u> ZONE <u>West</u>	
5. SCALE 1:20,000		STATE _____ ZONE _____	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	
DATE			
1. AEROTRIANGULATION METHOD: <u>Analytic</u>		BY <u>L. Harrod</u>	
LANDMARKS AND AIDS BY		<u>L. Harrod</u>	
2. CONTROL AND BRIDGE POINTS METHOD: <u>Coradomat</u>		PLOTTED BY <u>L. Harrod</u>	
CHECKED BY <u>J. Schad</u>		10/81	
3. STEREOSCOPIC INSTRUMENT COMPILATION		J. Schad	
INSTRUMENT: <u>Wild B-8</u>		5/82	
SCALE: <u>1:20,000</u>		5/82, 10/82	
4. MANUSCRIPT DELINEATION		P. Dempsey	
METHOD: <u>Smooth Drafting</u>		5/82, 10/82	
SCALE: <u>1:20,000</u>		5/82, 10/82	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		N/A	
6. APPLICATION OF FIELD EDIT DATA		N/A	
7. COMPILATION SECTION REVIEW		P. Dempsey	
8. FINAL REVIEW		J. Taylor	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		N/A	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		J. Taylor	
11. MAP REGISTERED - COASTAL SURVEY SECTION		J. Taylor	
		DEC 12 1983	

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

TP-00932

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10 "Z" focal length 153.14mm "B" focal length 152.74mm		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE ZONE Central MERIDIAN 90th	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
81Z(P)1647-1652 81Z(I)3201R-3205R	2/3/81 3/6/81	1024 1043	1:40,000 1:40,000	+ 0.28 Ft. MLLW*	
82B(P)4202-4204 82B(I)4266R-4268R	3/7/82 3/8/82	1127 1010	1:50,000 1:50,000	+ 0.1 Ft. MLLW**	

REMARKS

* = Tide coordinated - Gulf Shores Municipal Peir gage
 ** = Based on predicted tides - Fort Gaines tide gage site (Subordinate Sta)

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the panchromatic photographs listed under Item 1. above.

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

The source of the MLLW line is the infrared photographs listed above under Item 1.

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
N/A	N/A	N/A	TP-00931

REMARKS

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

TP-00932

HISTORY OF FIELD OPERATIONS

1. ☒ FIELD INSPECTION OPERATION 1981☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	L. H. Davis	2/81
2. HORIZONTAL CONTROL	RECOVERED BY J. M. Koster	2/81
	ESTABLISHED BY "	2/81
	PRE-MARKED OR IDENTIFIED BY "	2/81
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 N/A	
	LOCATED (Field Methods) BY N/A	
	IDENTIFIED BY N/A	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input type="checkbox"/> NO INVESTIGATION	N/A
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		2. VERTICAL CONTROL IDENTIFIED	
Premarked (Paneled)		N/A	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
81ZP1648	Bank, Sub Sta. A		
81ZP1650	Sylvia, 1934		

3. PHOTO NUMBERS (Clarification of details)	N/A
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED	N/A

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
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7. SUPPLEMENTAL MAPS AND PLANS N/A

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

CSI Cards (NOAA forms 76-53)
Tide Level Book (NOAA form 77-53)
Field Notebook - computations and project materials

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

TP-00932

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Final reviewed map	4/83	Class III map	8/26/83	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1	# 695	8/26/83	Two pages 76-40 forms

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

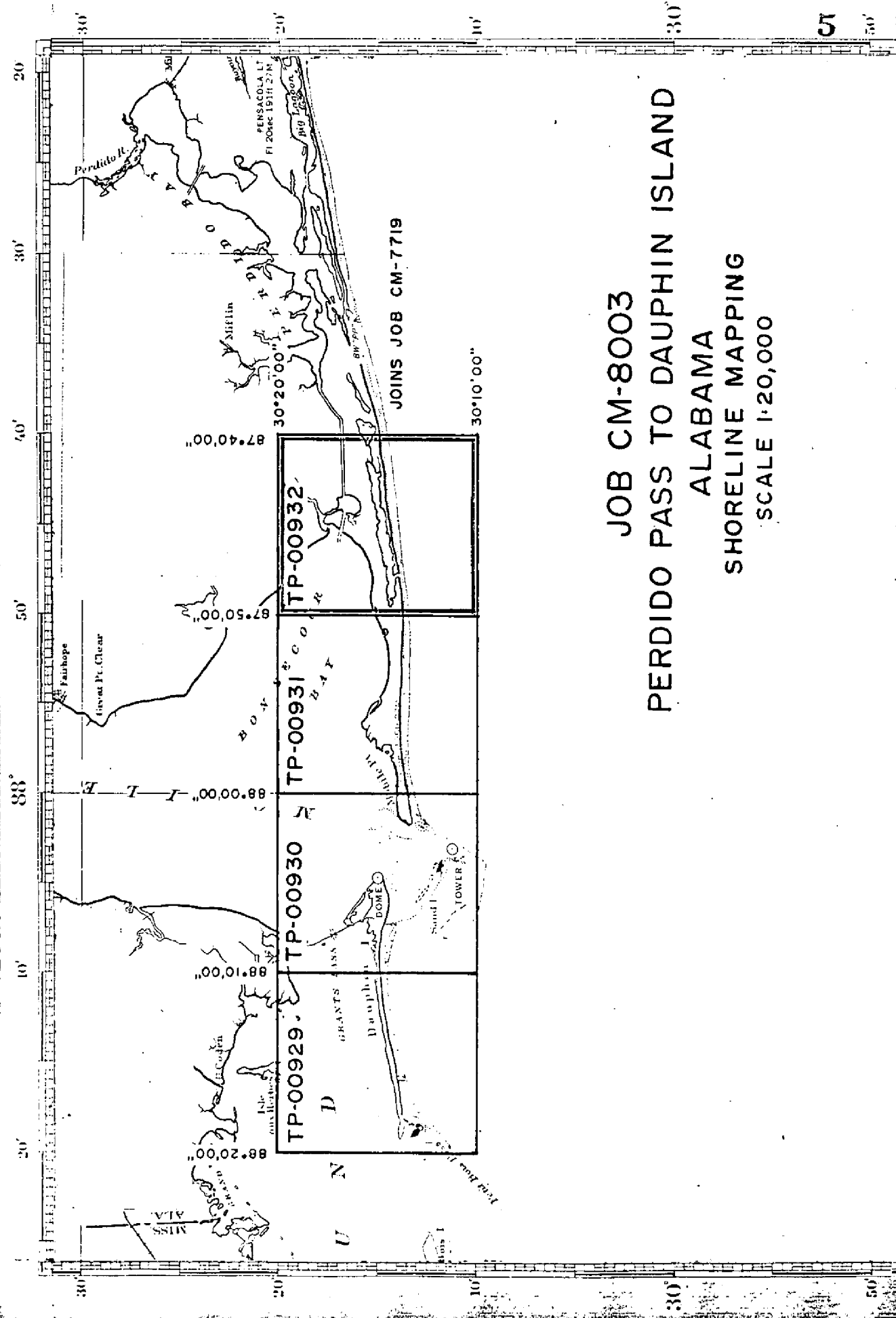
III. FEDERAL RECORDS CENTER DATA

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 Name Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: NOVEMBER 1983

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 TP-00932

This 1:20,000 scale map is one of four maps that comprise shoreline mapping project CM-8003, Perdido Pass to Dauphin Island, Alabama.

The purpose of the map is to provide data for use in the production and maintenance of nautical charts.

This Class III map is based on aerotriangulation that meets the requirements for the National Standards of Map Accuracy and office interpretation of aerial photographs.

Field work prior to compilation was accomplished during February 1981 and April 1982. This work was necessary to establish horizontal control by the field identification methods specified to meet aerotriangulation requirements and to secure tide-coordinated MLLW photography.

Panchromatic and infrared photographs were used in the production of this map. Dates of both types of photography are 1981 and 1982. The 1981 photographs provided shoreline coverage north to approximate latitude $30^{\circ}17'30''$, the 1982 photographs above this latitude. Two strips of panchromatic photographs were bridged using analytic aerotriangulation methods; one strip was taken February 3, 1981, at 1:40,000 scale, and the other March 7, 1982, at 1:50,000 scale. Two strips of infrared photographs provide coverage for MLLW delineation; one strip was taken March 6, 1981, the other March 8, 1982. The 1981 infrared photography was at 1:40,000 scale and tide-coordinated, the 1982 infrared photography was based on the predicted tides and at 1:50,000 scale.

Compilation and final review operations were performed at the Rockville Office. Compilation was performed by the Coastal Mapping Unit (N/CG2323), final review by the Quality Control Unit (N/CG2321).

This Descriptive Report contains all pertinent reports and listings of data required to compile this map. The 1982 photographs were obtained under Job CM-8103, an adjoining shoreline mapping project north of Job CM-8003. Field records and other pertinent data associated with the 1982 photographs will be used and archived under Job CM-8103.

A final Chart Maintenance Print was prepared highlighting differences noted between this map and the nautical charts described in this Descriptive Report. This print was submitted to the Nautical Chart Branch.

Field Operations

Field work accomplished consisted of aerial photography, tide observations, and the recovery, establishment, and identification of horizontal control required for aerotriangulation. There was no field inspection performed.

Photogrammetric Plot Report
Perdido Pass to Dauphin Island, Alabama

CM-8003

September 1981

21. Area Covered

The area covered by this report is in the vicinity of the entrance to Mobile Bay-Dauphin Island eastward to Perdido Pass. It is covered by four 1:20,000 scale manuscripts, TP-00929 through TP-00932.

22. Method

Four strips of various scale photography were bridged by analytic aerotriangulation methods and adjusted to ground on The Alabama State Plane Coordinate System, Alabama West Zone. Panned control was provided. Aids and landmarks were located on bridging photography. Ratio values were determined for the 1:40,000 MLLW and MHW infrared photography. Ruling of manuscript and plotting of points were done on the Coradimat Plotter.

23. Adequacy of Control

The horizontal control provided proved to be adequate. The paneled sub point for Dauphin Island West Base, 1847 was off approximately 25 feet in the X direction. No reason could be determined. All other control held within the accuracy standards required.

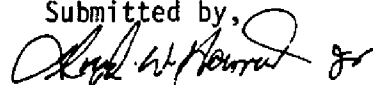
24. Supplemental Data

None was used.

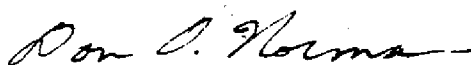
25. Photography

The coverage and quality of the photography proved adequate for the project. The northern most areas of sheet TP-00930 and TP-00932 were not covered by this photography. It is believed that this area will be done in the future.

Submitted by,


Lloyd W. Harrod, Jr.

Approved and Forwarded:



Don O. Norman
Chief, Aerotriangulation Section

Perdido Pass to Dauphin Island, Alabama

CM-8003

Fit to Control - X and Y in Feet

<u>Strip I</u>			<u>X</u>	<u>Y</u>
▲ 1.	Dauphin 1935 Sub pt. 1	(607101)	-1.137	-.618
	Sub pt. 2	(607102)	-1.343	.568
▲ 2.	Dauphin 1935 - Panel	(608101)	1.409	.934
	3. Dauphin Island West Base-Panel	(614101)	25.436	3.847
▲ 4.	21D-IS C.O.E. 1980-Marked Direct	(616100)	-.352	-.401
	5. 21D-IQ C.O.E. 1979-Panel	(621101)	.334	-.971
▲ 6.	21D-IL C.O.E. 1980-Panel	(626101)	.081	.085
<u>Strip 2</u>				
▲ 5.	21D-IQ C.O.E. 1979-Panel	(621101)	-.000	.000
	6. 21D-IL C.O.E. 1980-Panel	(626101)	.056	.800
▲ 7.	21D-IV C.O.E.-Marked Direct	(598100)	.000	.000
▲ 8.	21D-2C 1980-Panel	(640101)	.000	.000
<u>Strip 3 A</u>				
▲	640801-Tie From Strip 2		1.075	-.073
▲	640802-Tie From Strip 2		-.216	.310
▲	640803-Tie From Strip 2		.074	-.307
	640804-Tie From Strip 2		2.613	-3.652
	640805-Tie From Strip 2		.076	-.362
▲	8. 21D-2C 1980-Panel	(640101)	-.938	.066
	9. Sand Island Lighthouse, 1930	(641118)	-1.456	2.014

Strip 3 B

▲ 10. Fort Morgan ECC. 1981-Panel	(642101)	-.457	.063
▲ 11. H-61-03-AL 1981-Marked Direct	(643100)	.598	-.046
▲ 12. Bank 1918-40-Panel	(648101)	.362	-.144
▲ 13. Sylvia 1934-Marked Direct	(650100)	-.831	.071
▲ 14. Higdon 1934-Panel	(653101)	.330	.055

Strip 4

▲ 659105-Tie From Strip 2	(598501)	.000	.000
8. 21D-2C 1980-Panel	(640101)	-.399	-2.044
Sand Island Lighthouse 1930	(641118)	-.483	-2.041
▲ Fort Morgan ECC. 1981	(642101)	-.000	.000
▲ Stations held in the Strip Adjustments			

Pardido Pass to Dauphin Island, Alabama

CM-8003

September 1981

Ratio values for 1:40,000 scale black-and-white infrared photography.

MLLW

81Z(R) 3196-3205	X2.02
3193-3195	X2.03
3183-3190	X2.02

MHW

81Z(R) 3547-3549	X1.98
3551-3560	X2.00
3536-3544	X2.00

Ratio values for black-and-white bridging photography.

1:10,000 scale

81ZP 1606-1627	X0.50
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1:20,000 scale

81ZP 1594-1601	X0.97
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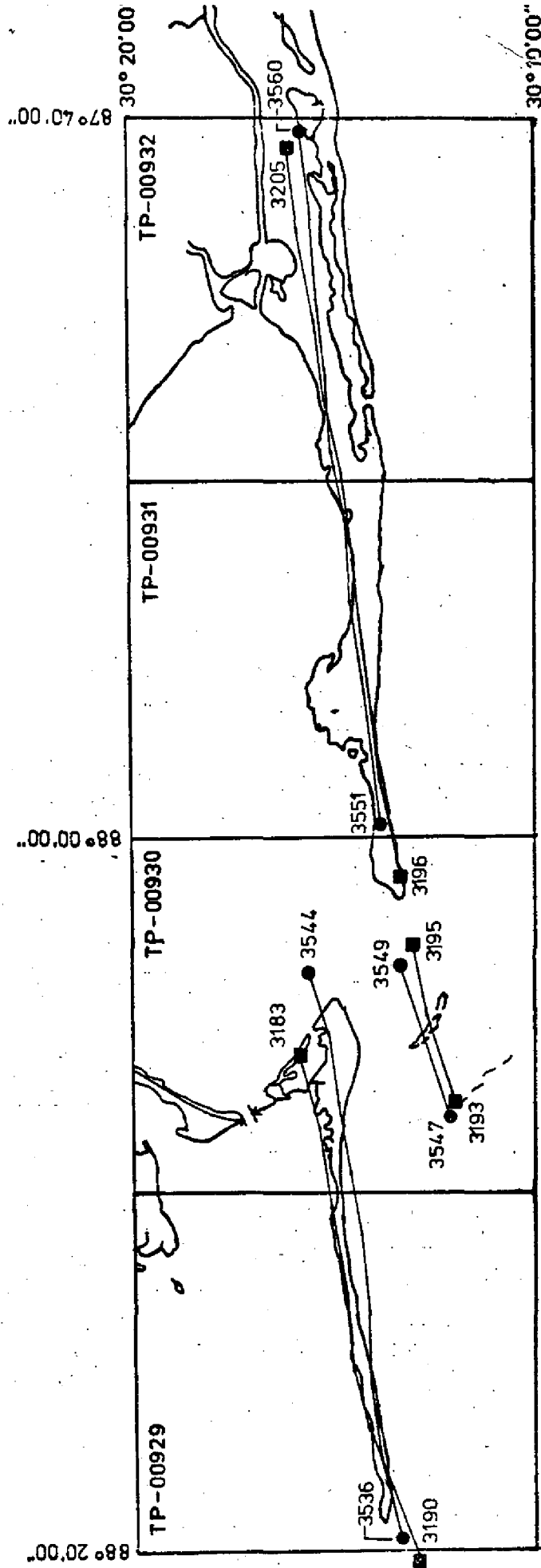
1:40,000 scale

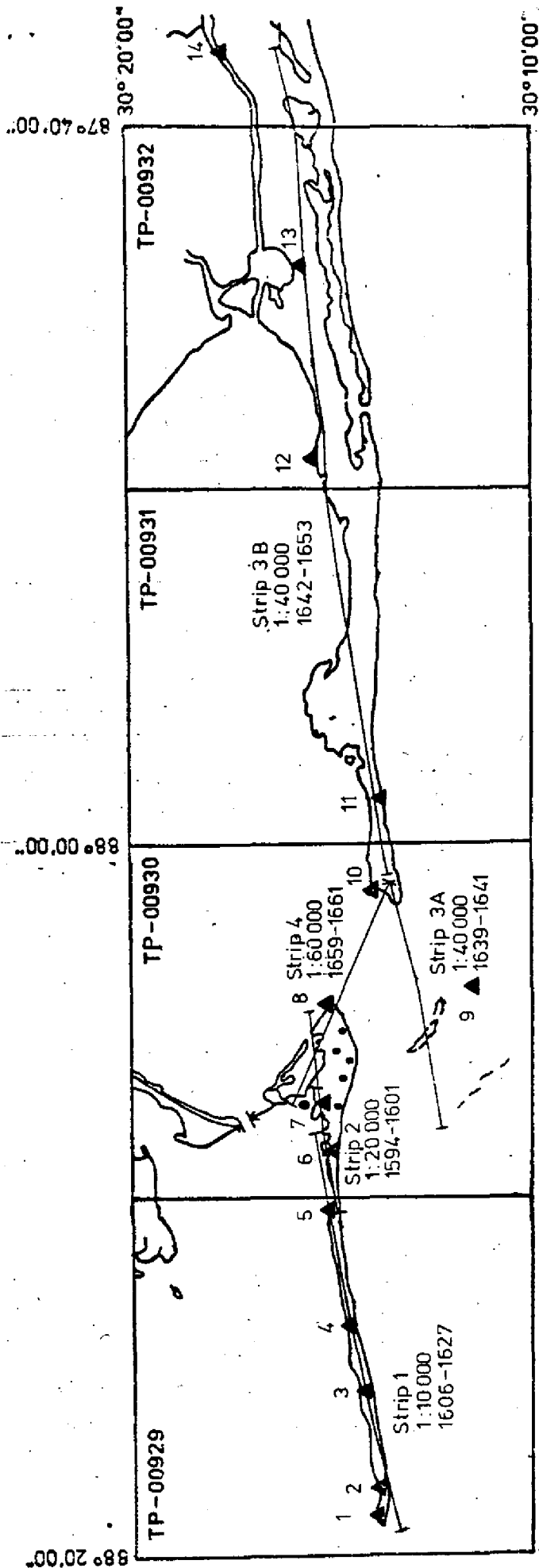
81ZP 1639-1641	X1.96
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81ZP 1642-1653	X1.96
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1:60,000 scale

81ZP 1659-1661	X2.67
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JOB CM-8003 ALABAMA PERDIDO PASS TO DAUPHIN ISLAND SHORELINE MAPPING SCALE 1:20,000

BRIDGING PHOTOGRAPHY 81 ZP

LEGEND

- ▲ TRIANGULATION LIGHT
- TIE POINT

CM-8103
Photogrammetric Plot Report
Mobile Bay, Alabama

September 1982

21. Area Covered

The area covered by this project is the shoreline of Mobile Bay, Alabama. The project area is covered by 5, 1:20,000 scale sheets, TP-01121 to TP-01125.

22. Method

Six strips of 1:⁵20,000 scale photographs were bridged by analytical aerotriangulation methods. Control was field identified with additional office identified intersection stations used for check control. Tie points were used to ensure a good fit between parallel flight lines and also to use as control in areas where field control was sparse. The bridging photographs along with the MLLW, black-and-white infrared photographs were ratioed for compilation. The Transverse Mercator, Alabama, West Zone coordinate system was used to adjust the bridging strips, and was used to plot the project manuscripts.

23. Adequacy of Control

Station #94 Fairhope, Municipal Water Tank was deleted from the Master Data Deck and not plotted on the manuscripts. Although the station was recovered for the project, the station has been destroyed. The concrete leg supports that held the tank are still intact and were bisected to obtain positions for this job.

All control checked well within National Standards of Map Accuracy and is more than sufficient for the job. A copy of the Fit to Control is attached to this report.

24. Supplemental Data

USGS quadrangles were used to provide vertical control for strip adjustments.

25. Photography

The coverage, overlap, and quality of the 1982 B(P) photographs were adequate for the job.

Approved and Forwarded:

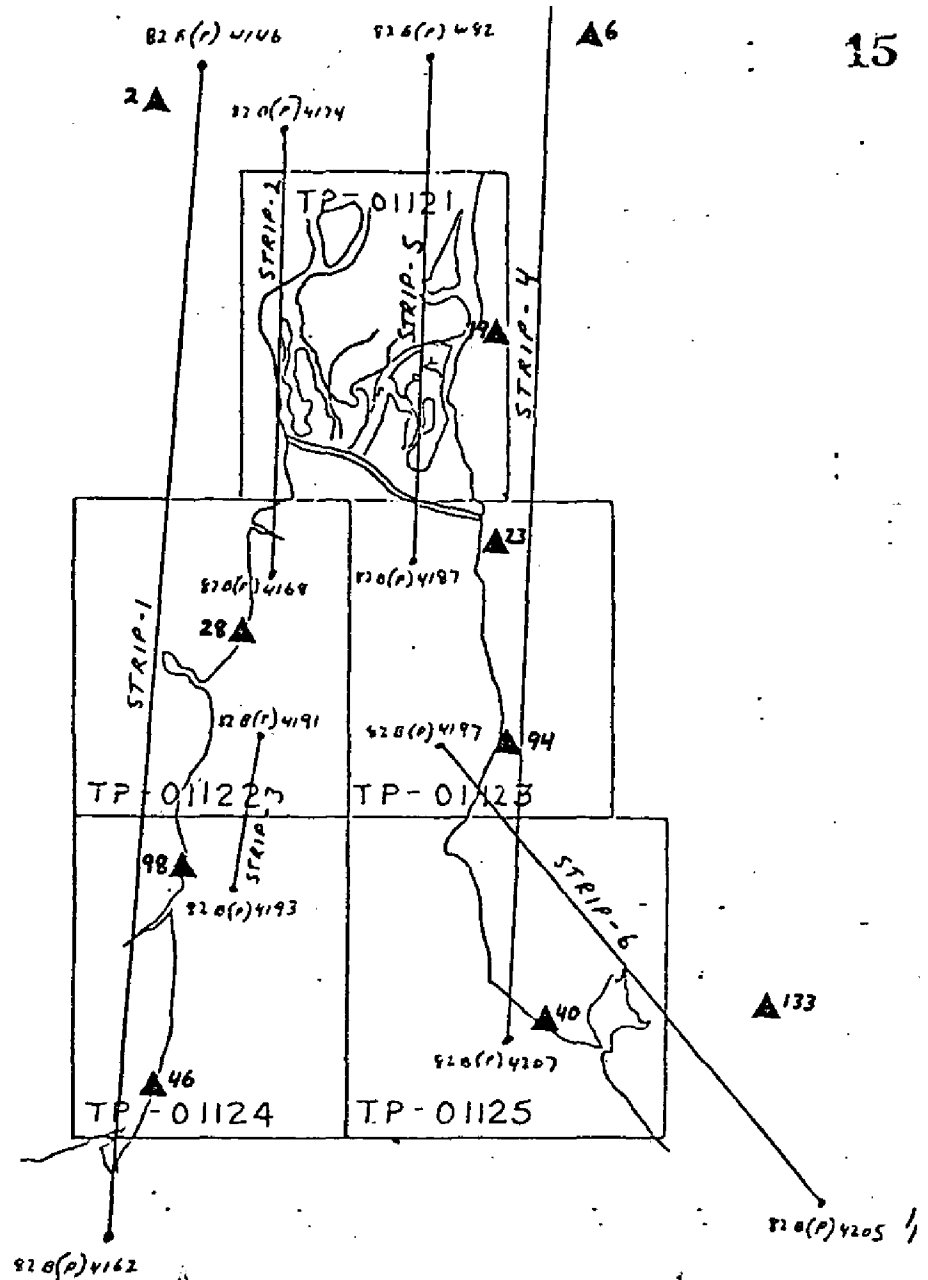


Don O. Norman
Chief, Aerotriangulation Section

Submitted by:



Brian Thornton
Cartographer



JOB CM-8103
MOBILE BAY, ALABAMA
BRIDGING PHOTOGRAPHS

1:50,000 SCALE

Manuscript scale 1:20,000

KEY TO NUMBERED INDEX

- 2 - 147101, 147102 (SILCO, 1942)
- 28 - 153101, 153102 (HAGEN, 1935)
- 98 - 156101, 156102 (Faul RM 4, 1935)
- 46 - 159101, 159102 (MON LOUIS, 1930)
- 133 - 202101, 202102 (KAISER, 1959)
- 40 - 207101, 207102 (MACK, 1934)
- 94 - 210101, 210102 (Fair Hope Muni. Water Tank, 1938)
- 23 - 213101, 213102 (NO 263 ALGS, 1938)
- 19 - 216101, 216102 (DIXON, 1935)
- 6 - 219101, 219102 (M. nette, 1897)

CM-8103

Mobile Bay, Alabama

Fit to Control
(in feet)

▲ Stations held in adjustment

<u>Strip 1</u>		<u>Point No.</u>	<u>X</u>	<u>Y</u>
▲ 2 Silo, 1942	Sub. pt. 1	147101	-0.290	0.946
	Sub. pt. 2	147102	1.009	0.922
15 Chickasan Tank, 1935		150115	-1.877	-5.897
57 Mobile, State Docks, North Tank, 1935		151157	-1.677	-4.432
58 Mobile State Docks South Tank, 1935		151158	-4.879	-0.790
60 Mobile, Railroad Station Cupola, 1935		151160	0.079	-0.017
▲ 28 Hagen, 1935	Sub. pt. 1	153101	0.305	2.835
	Sub. pt. 2	153102	1.356	5.722
84 Theodore, U.S. Army Terminal Wt. Tank, 1960		155184	-1.317	-2.841
▲ 98 Fowl Rm 4, 1935	Sub. pt. 1	156101	-0.741	-3.064
	Sub. pt. 2	156102	0.061	-2.746
▲ 46 Mon Louis, 1930	Sub. pt. 1	159101	1.100	-0.341
	Sub. pt. 2	159102	0.089	0.718
156 Pass Aux Herons Range D Rear Light, 1958		161156	-1.038	1.003
159 Dauphin Island Water Tank, 1958		162159	0.028	-0.186

Strip 5 Continued

Tie from Strip 4	183801	-0.861	1.140
Tie from Strip 4	183802	-1.055	1.063
Tie from Strip 2	172804	1.344	-0.575
▲ Tie from Strip 2	172805	0.311	-1.561
Tie from Strip 2	172806	0.738	-1.685
Tie from Strip 2	173803	-0.153	0.233
Tie from Strip 2	173804	1.519	-0.595
▲ Tie from Strip 4	184801	3.391	0.092
Tie from Strip 4	184802	2.715	0.387
Tie from Strip 2	172803	1.641	0.781
Tie from Strip 4	185801	0.144	1.822
▲ Tie from Strip 4	185802	1.908	1.419
19 Dixon, 1935	Sub. pt. 1 Sub. pt. 2	216101 216102	-0.100 -1.790
			-0.207 -0.243
Tie from Strip 2	171803	-1.682	0.196
▲ Tie from Strip 2	171804	3.395	0.572
Tie from Strip 2	171805	2.341	1.058
Tie from Strip 4	186801	-3.688	1.422
▲ Tie from Strip 4	186802	-4.914	2.093
Tie from Strip 2	170803	-1.839	-5.640
▲ Tie from Strip 2	170804	0.863	-6.079
▲ Tie from Strip 4	187801	-4.138	0.567
Tie from Strip 4	187802	-3.387	0.433

Strip 6

33 Point Clear, Grant	197133	-0.332	0.546
Hotel, Water Tank, 1960			
80 Great Pt. Clear Beacon, 1934	197180	-2.160	1.081

Strip 6 Continued

▲ 94 Fair Hope Muni				
Water Tank, 1938	Sub. pt. 1	210101	1.476	0.022
	Sub. pt. 2	210102	3.005	0.528
Tie from Strip 4		198801	-2.930	0.473
▲ Tie from Strip 4		198802	-2.314	0.699
▲ 40 Mack, 1934	Sub. pt. 1	207101	0.921	-1.948
▲ 133 Kaiser, 1959	Sub. pt. 1	202101	0.963	1.262
	Sub. pt. 2	202102	2.632	1.145
▲ Sylvia, 1934		650100	-1.045	-0.035

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS
			STATE	ZONE		ϕ LATITUDE	λ LONGITUDE			
TP-00932		CM-8003	N.A. 1927	Alaska						
	Bank, 1918	Quad 300873 1002	x= 399,566.98 y= 92,645.11	West	24			ϕ		
	Sylvia, 1934	Quad 300873 1041	x= 424,624.44 y= 93,330.89		650100			ϕ		
			x=					λ		
			y=					ϕ		
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Compilation Report
TP-00932

31. Delineation

This map was compiled using instrument and graphic methods. The shore-line, coastal structures, and interior details were compiled using the Wild B-8 stereoplotter and panchromatic photographs. The approximate MLLW line was compiled graphically using ratio prints of the 1981 infrared photographs. Graphic compilation was controlled holding to local detail compiled using instrument methods. The north limit of compilation extends to the limit of controlled panchromatic photographic coverage, approximate latitude 30°17'30.

32. Control

Refer to the Aerotriangulation Report for the adequacy of horizontal control. Vertical control was taken from USGS quads.

33. Supplemental Data - None

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from the panchromatic photographs, supplement by use of the infrared photographs.

35. Shoreline and Alongshore Details

The shoreline and alongshore details are based on interpretation of the panchromatic photographs. The approximate MLLW line was delineated from the black-and-white infrared photographs.

There was not a field inspection of the shoreline performed.

36. Offshore Details

There were no unusual problems encountered in compiling offshore detail.

37. Landmarks and Aids

Two charted landmarks and eight fixed aids were located and are shown.

38. Control for Future Surveys - None

39. Junctions

This map junctions with TP-00931 to the west. Maps from Job CM-8103 will be compiled at a later date and will junction this survey to the north.

2

40. through 45. - Not applicable

46. Comparison with Existing Maps

A comparison was made to the following USGS Quadrangles:

Weeks Bay, Ala., 1:62,500 scale, 1941 edition


47. Comparison with Nautical Charts

A comparison was made to the following NOS nautical charts:

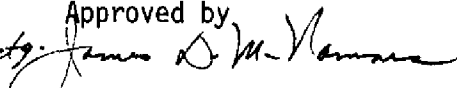
Chart 11376, scale 1:80,000, 34th edition dated 9/27/80

Chart 11378, scale 1:40,000, 17th edition dated 9/26/81

Submitted by


for James Schad

Approved by


Chief, Coastal Mapping Unit

Addendum to Compilation Report

The area north of the compilation limit of the 1981 photographs, approximate latitude $30^{\circ}17'30''$, was compiled using 1982 panchromatic and infrared photographs obtained for Job CM-8103. Delineation of detail in this area was by stereo and graphic compilation methods. Planimetric detail was compiled using the Wild B-8 stereoplotter and 1982 panchromatic photographs. The identification, density, and placement of aerotriangulated control was adequate. Refer to the Photogrammetric Plot Report for Job CM-8103 bound with this Descriptive Report. The approximate MLLW line was compiled graphically using ratio prints of the infrared photographs. The 1982 infrared photographs were exposed based on the predicted MLLW tidal stage at the Fort Gaines tide gage.

Submitted by

J. Jeffrey C. Moler

Jeff Moler

Review Report
TP-00932

61. General Statement

Refer to the Summary bound with this Descriptive Report for additional information.

62. Comparison with Registered Topographic Surveys - None

63. Comparison with other maps of other Agencies

Refer to paragraph 46. of the Compilation Report bound with this Descriptive Report.

64. Comparison with Contemporary Hydrographic Surveys - None

65. Comparison with Nautical Charts

A comparison was made to the following NOS nautical charts:

Chart 11376, 1:80,000 scale, 36th edition dated 10/16/82

Chart 11378, 1:40,000 scale, 18th edition dated 8/21/82

66. Adequacy of Results and Future Surveys

This map complies with the project instructions and meets the National Standards of Map Accuracy .

67. Shoreline/MLLW Line

The shoreline is classified as apparent, man-made, or mean high water by office interpretation of the panchromatic aerial photographs. The approximate mean lower low water line was compiled graphically from infrared ratio photographs holding to the local detail compiled using stereo instrument methods.

Submitted by:


James Taylor

Approved and Forwarded:


George M. Ball
Chief, Photogrammetric Section


Lawrence W. Fritz
Chief, Photogrammetry Branch

March 7, 1983

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8003 (Perdido Pass to Dauphin Island, Alabama)

TP-00932

Bear ^{Creek} ~~Bayou~~

Boggy Branch

Bon Secour

Bon Secour Bay

Bon Secour River

Brights Creek

Childress Point

Cypress Point

Eugene Point

Gasque

Gator Lake

Gulf Highlands (P pl)

Gulf of Mexico

Gulf Shores (P pl)

Intracoastal Waterway

Little Lagoon

Oak

Oyster Bay

Oyster Bay (P pl)

Pine Beach (P pl)

Sand Bayou
Seymour Bluff

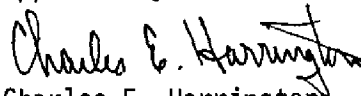
Sheephead Point

Shelby Lakes

Skunk Bayou

Swifts Landing

Approved by:


Charles E. Harrington
Chief Geographer, N/CG2x5

DISSEMINATION OF PROJECT MATERIAL
CM-8003
PERDIDO PASS TO DAUPHIN ISLAND, ALABAMA

NATIONAL ARCHIVES/FEDERAL RECORD CENTER

Brown Jacket

Computer Printout
Tide Data Records
NOAA Forms (76-40)
Field Notebook: Containing Horizontal Observation/
Computations, Recovery Note &
CSI Cards
Photographic Flight Report
Aerotriangulation Forms (76-41)
Aerotriangulation Plot Reports (Duplicate)

Project Completion Report

BUREAU ARCHIVES

Registration Copy of Maps
Descriptive Report of Maps

REPRODUCTION DIVISION

8X Reduction Negative of Maps

OFFICE OF STAFF GEOGRAPHER

Geographic Names Standard

NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION													
NONFLOATING AIDS OR LANDMARKS FOR CHARTS										ORIGINATING ACTIVITY													
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED										REPORTING UNIT (Field Party, Ship or Office)		STATE		LOCALITY		DATE		<input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel)					
The following objects HAVE <input type="checkbox"/> HAVE NOT <input checked="" type="checkbox"/> been inspected from seaward to determine their value as landmarks.										JOB NUMBER		SURVEY NUMBER		DATUM		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED					
OPR PROJECT NO.										CM-8003		TP-00932		N.A. 1927									
DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)										LATITUDE ° / ' D.M. Meters		LONGITUDE ° / ' D.P. Meters		OFFICE		FIELD							
Bon Secour River																							
Light 2										30	17	03.2	87	45	22.2	81ZP1649 2/3/81	11376 11378						
Intercoastal Waterway Pensacola - Mobile																							
Light 139	L.L. 4614 L.T. 97									30	16	40.9	87	43	24.1	81ZP1650 2/3/81	"						
Light 145	L.L. 4615 L.T. 101									30	16	41.9	87	44	07.3	81ZP1650 2/3/81	"						
Light 147	L.L. 4616 L.T. 103									30	16	53.8	87	45	08.6	81ZP1650 2/3/81	"						
Light 152	L.L. 4618 L.T. 108									30	17	05.5	87	45	43.4	81ZP1649 2/3/81	"						
Light 159	L.L. 4619 L.T. 111									30	17	01.6	87	46	43.7	81ZP1649 2/3/81	"						
Light 167	L.L. 4620 L.T. 115									30	17	00.7	87	47	48.8	81ZP1648 2/3/81	"						
Light 175	L.L. 4621 L.T. 119									30	16	59.7	87	49	14.2	81ZP1648 2/3/81	"						

TYPE OF ACTION		RESPONSIBLE PERSONNEL		ORIGINATOR	
1. PHOTOGRAPHIC	3. PHOTOGRAPHIC	NAME	NAME	NAME	NAME
OBJECTS INSPECTED FROM SEAWARD	3. PHOTOGRAPHIC	NAME	NAME	NAME	NAME
POSITIONS DETERMINED AND/OR VERIFIED	3. PHOTOGRAPHIC	NAME	NAME	NAME	NAME
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW	3. PHOTOGRAPHIC	NAME	NAME	NAME	NAME
ACTIVITIES	3. PHOTOGRAPHIC	NAME	NAME	NAME	NAME
INSTRUCTIONS FOR ENTRIES UNDER METHOD AND DATE OF LOCATION					
(Consult Photogrammetric Instructions No. 64.)					
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					
I. NEW POSITION DETERMINED OR VERIFIED					
Enter the applicable data by symbols as follows:					
F - Field					
L - Located					
V - Verified					
1 - Triangulation					
2 - Traverse					
3 - Intersection					
4 - Resection					
A. Field positions* require entry of method of location and date of field work.					
EXAMPLE: F-2-6-L					
8-12-75					
PHOTOGRAMMETRIC FIELD POSITIONS					
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					
II. TRIANGULATION STATION RECOVERED					
When a landmark of 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.					

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	OFFICE ACTIVITY REPRESENTATIVE <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
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 L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field identified 6 - Theodolite 7 - Planetable 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 IT316 IT316
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.	

