

TP-00929

TP-00929

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-00929	Edition No. 1
Job No. CM-8003	
Map Classification Class III (Final)	
Type of Survey Shoreline	
LOCALITY	
State Alabama	
General Locality Mobile Bay	
Locality Dauphin Island	
19 81 NO 1982	
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- 00929 MAP EDITION NO. (1) MAP CLASS JOB NA -CM-8003	
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 Alabama ZONE West
5. SCALE 1:20,000	STATE ZONE

III. HISTORY OF OFFICE OPERATIONS		
OPERATIONS	NAME	DATE
1. AEROTRIANGULATION BY METHOD: LANDMARKS AND AIDS BY	L. Harrod, Jr.	9/81
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY	L. Harrod, Jr.	10/81
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILED BY: NOSAP CHECKED BY	J. Schad / J. Moler	5/82, 9/82
INSTRUMENT: NOSAP	P. Dempsey	5/82, 9/82
SCALE: 1:20,000	N/A	
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: Smooth Drafted CHECKED BY	J. Schad / J. Moler	5/82, 9/82
SCALE: 1:20,000	P. Dempsey	5/82, 9/82
	N/A	
	N/A	
	N/A	
	N/A	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	N/A	
6. APPLICATION OF FIELD EDIT DATA BY	N/A	
	N/A	
7. COMPILATION SECTION REVIEW BY	P. Dempsey	5/82, 9/82
8. FINAL REVIEW BY	J. Taylor	5/83
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY	N/A	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY	J. Taylor	5/83
11. MAP REGISTERED - COASTAL SURVEY SECTION BY	<i>R. K. Wolfe</i>	

DEC 12 1983

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

TP-00929

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10(Z and B) F1= 153.14mm and 152.74mm respectively		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Central	<input checked="" type="checkbox"/> STANDARD
<input type="checkbox"/> PREDICTED TIDES <input checked="" type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 90TH	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
81Z(P)1606-1624	2/3/81	1940	1:10,000	+0.28 MLLW*	
82B(P)4160-4161	3/7/82	1026	1:50,000		
81Z(I)3186-3190	3/6/81	1030	1:40,000		
* = Gulf Shores Municipal Pier Tide Gage					

REMARKS

Infrared photographs were ratioed to 1:20,000 scale.

2. SOURCE OF MEAN HIGH-WATER LINE:

The panchromatic photographs listed in Item 1 above.

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

The infrared photographs listed in Item 1 above.

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 N/A	EAST TP-00930	SOUTH N/A	WEST N/A
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REMARKS

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

TP-00929

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	L. H. Davis	3/81
2. HORIZONTAL CONTROL	RECOVERED BY J. M. Koster	3/81
	ESTABLISHED BY "	3/81
	PRE-MARKED OR IDENTIFIED BY "	3/81
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

Premarked

2. VERTICAL CONTROL IDENTIFIED

N/A

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
81ZP1608	Dauphin S. S. A.		
81ZP1610	Dauphin I. West Base Sub Sta A		
81ZP1616	21D-IR C of E, 1980		
81ZP1618	21D-IS C of E, 1980		
81ZP1621	21D-IQ C of E, 1980		

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: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

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 - project materials

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

TP-00929

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Final reviewed map	5/83	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

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: 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-00929

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

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 operations consisted ^{of} aerial photography, tidal observations, and the recovery, establishment, and identification of horizontal control necessary for aerotriangulation.

Panchromatic and infrared photographs were used in the production of this map. Panchromatic coverage was taken February 3, 1981, at 1:10,000 scale and March 7, 1982, at 1:50,000 scale. The infrared photographs were taken March 6, 1981, at 1:40,000 and tide-coordinated. The tide staff on the Gulf Shores Municipal Pier was monitored in support of the infrared photography.

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. Paneled 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.
Lloyd W. Harrod, Jr.

Approved and Forwarded:

Don O. Norman

Don O. Norman
Chief, Aerotriangulation Section

Perdido Pass to Dauphin Island, Alabama
CM-8003

Fit to Control - X and Y in Feet

Strip 1

			<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

Strip 2

▲ 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 1980	(598100)	.000	.000
▲ 8.	21D-2C 1980-Panel	(640101)	.000	.000

Strip 3 A

▲	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
----------------	-------

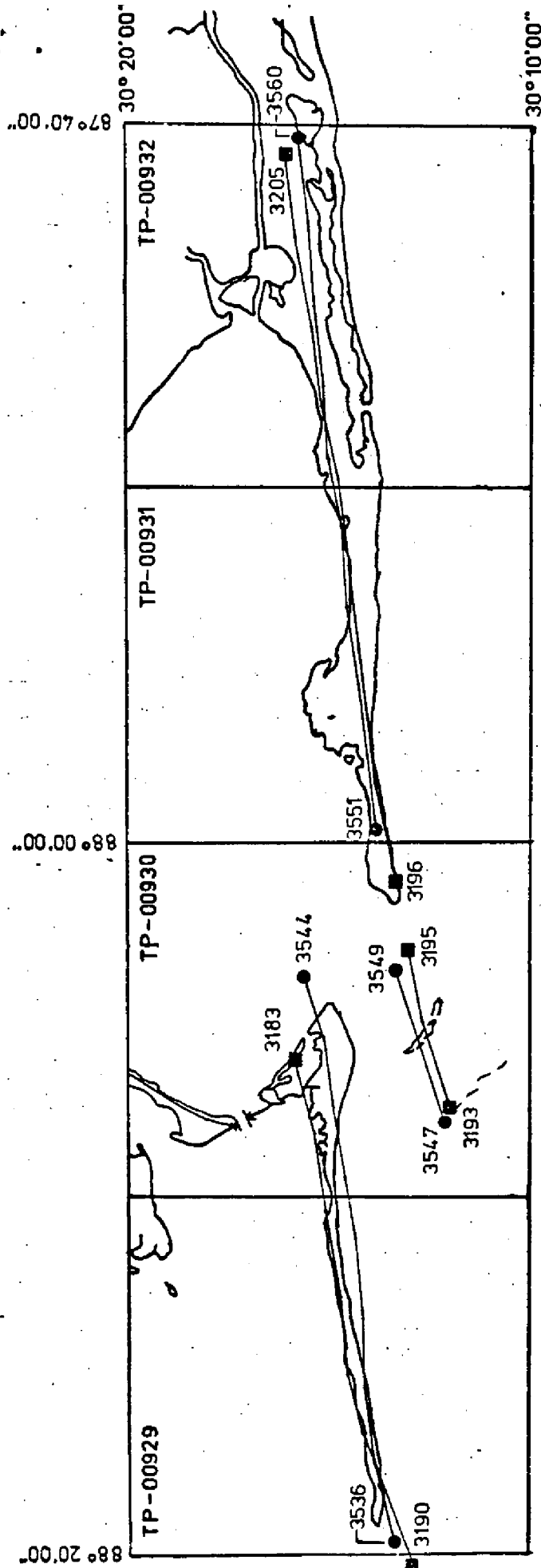
1:40,000 scale

81ZP 1639-1641	X1.96
----------------	-------

81ZP 1642-1653	X1.96
----------------	-------

1:60,000 scale

81ZP 1659-1661	X2.67
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JOB CM-8003 PERDIDO PASS TO DAUPHIN ISLAND

ALABAMA

SHORELINE MAPPING

SCALE 1:20,000

RATIO PHOTOGRAPHY 81ZR

1:40,000

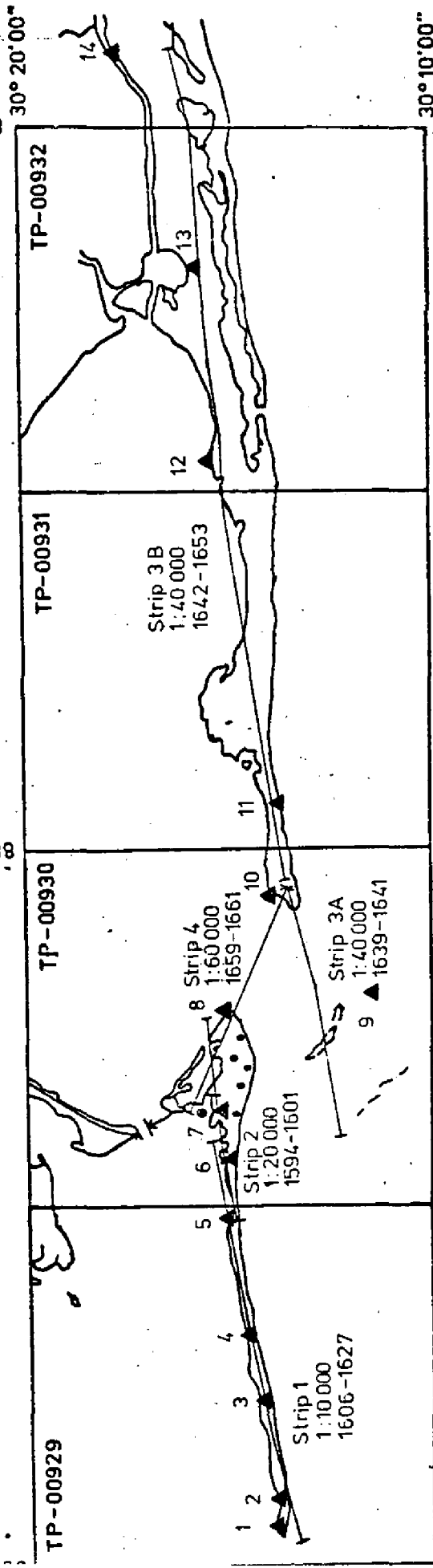
LEGEND

● MHW

■ MLLW

87° 40' 00"

88° 00' 00"



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 1:30,000 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

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

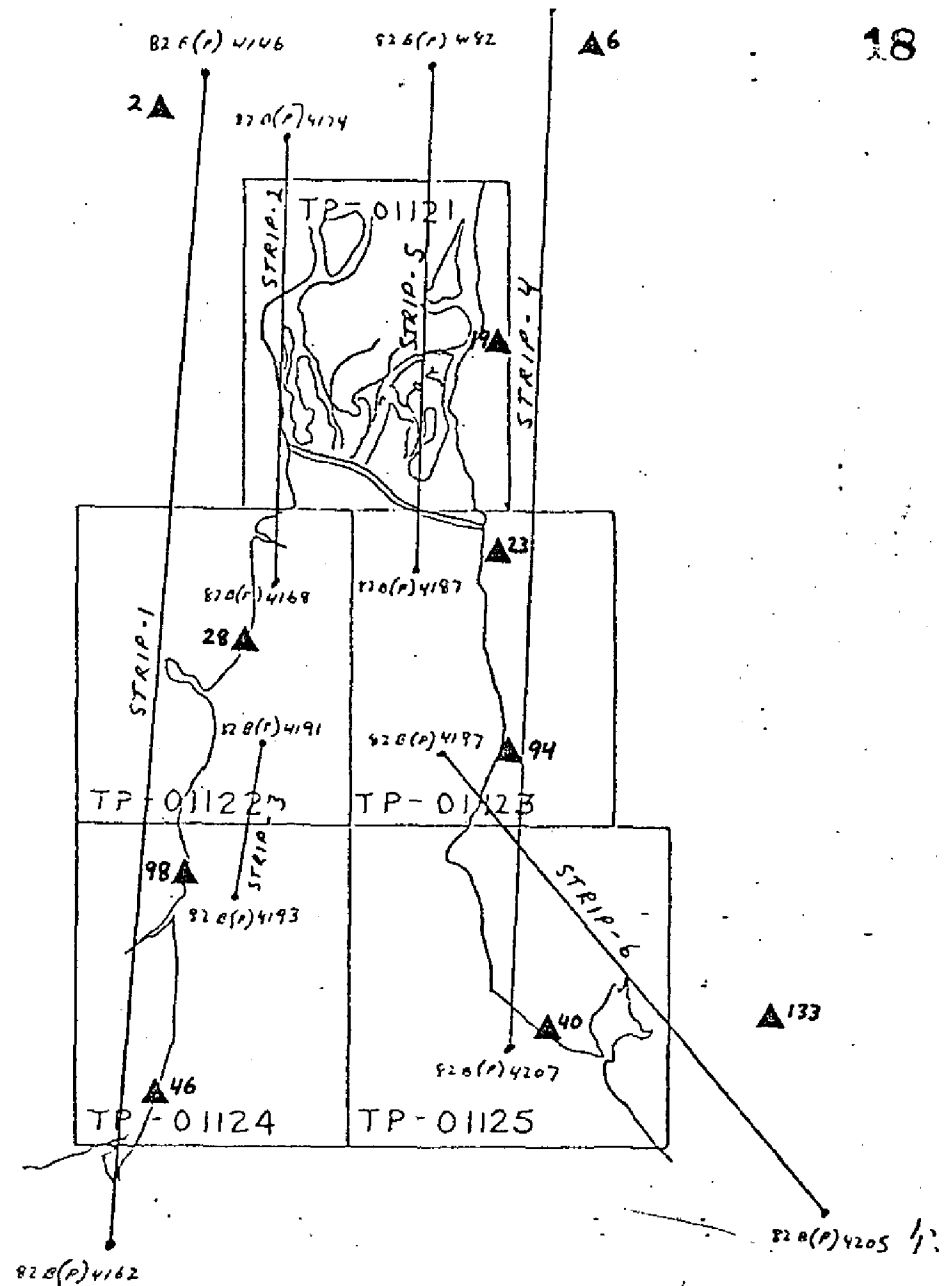
Tie from Strip 4		183801	-0.861	1.140
Tie from Strip 4		183802	-1.055	1.063
Tie from Strip 2		172804	1.344	-0.575
▲ Tie from Strip 2		172805	0.311	-1.561
Tie from Strip 2		172806	0.738	-1.685
Tie from Strip 2		173803	-0.153	0.233
Tie from Strip 2		173804	1.519	-0.595
▲ Tie from Strip 4		184801	3.391	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	216101	-0.100	-0.207
	Sub. pt. 2	216102	-1.790	-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	-5.540
▲ 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



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 (Fowl 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 (MINETTE, 1897)

Compilation Report
TP-00929

31. Delineation

This map was compiled using instrument and graphic methods. The shore-line, coastal structures, and interior details were compiled using the NOS Analytical Plotter(NOSAP) instrument and panchromatic photographs. The approximate MLLW line was compile graphically using ratio prints of the infrared photographs.

32. Control

See 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 tide-coordinated 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. This detail has not been field inspected.

37. Landmarks and Aids - None

38. Control for Future Surveys - None

39. Junctions

This map junctions with TP-00930 to the east. There is no contemporary survey to the south or west. Maps from Job CM-8103 will be compiled at a later date and will junction this map to the north.

40. through 45. - Not applicable

46. Comparison with Existing Maps

A comparison was made to the following USGS Quadrangles:

Petit Bois Island Ala.- Miss., 1:62,500 scale, 1942 edition
Petit Bois Pass, Ala., 1:24,000 scale, 1958 edition

47. Comparison with Nautical Charts

A comparison was made to the following NOS nautical charts:

Chart 11373, scale 1:80,000, 26th edition dated 9/26/81
Chart 11374, scale 1:40,000, 17th edition dated 10/3/81
Chart 11376, scale 1:80,000, 35th edition dated 9/12/81
Chart 11378, scale 1:40,000, 17th edition dated 9/26/81

Submitted by

Edward D. Allen
for James Schad

Approved by

James D. McNamee
Chief, Adg.
Coastal Mapping Unit

Addendum to Compilation Report

The shoreline area north of 30°19' was compiled on the NOSAP instrument using 1982 panchromatic photographs obtained for Job CM-8103. The 1981 photographic coverage secured for Job CM-8003 did not cover this area. Photographic coverage does not exist north of Dauphin Island and west of 88°12' longitude.

Submitted by

J. Jeffery C. Moler
Jeff Moler

Review Report
TP-00929

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

Refer to paragraph 47. of the Compilation Report bound with this Descriptive Report.

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
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Approved and Forwarded:

George M. Ball
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Chief, Photogrammetric Section

Lawrence W. Fritz
Lawrence W. Fritz
Chief, Photogrammetry Branch

March 7, 1983

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00929

Barron Point

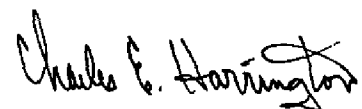
Dauphin Island

Gulf of Mexico

Mississippi Sound

Petit Bois Pass

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

