

TP-00545

TP-00545

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-00545	Edition No. 1
Job No. CM-7719	
Map Classification Final (Field Edited)	
Type of Survey Shoreline	
LOCALITY	
State Florida	
General Locality Pensacola Bay	
Locality San Carlos Beach	
1978 TO 1979	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. 00545	
DESCRIPTIVE REPORT - DATA RECORD				☒ ORIGINAL		MAP EDITION NO. (1)	
				☐ RESURVEY		MAP CLASS Final field edited	
				☐ REVISED		JOB PH-CM-7719	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Rockville, Md.				TYPE OF SURVEY		JOB PH- _____	
OFFICER-IN-CHARGE				☐ ORIGINAL		MAP CLASS _____	
Cmdr. J. Collins				☐ RESURVEY		SURVEY DATES:	
				☐ REVISED		19 ____ TO 19 ____	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
General Instructions-Office-NOS Cooperative Coastal Boundary Mapping - Job PH-7000 9 Dec 1975 Office - 18 Aug 1977 Amendment I - 3 Jan 1978 Amendment II - 7 Mar 1978				Field Instructions - 27 Dec 1976 11 Aug 1977 Amendment - Field Edit Procedures 30 Jan 1978			
II. DATUMS							
1. HORIZONTAL: ☒ 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: ☒ MEAN HIGH-WATER ☐ MEAN LOW-WATER ☐ MEAN LOWER LOW-WATER ☐ MEAN SEA LEVEL				OTHER (Specify) Gulf Coast Low Water			
3. MAP PROJECTION Lambert Conformal Conic				4. GRID(S)			
				STATE Florida		ZONE North	
5. SCALE 1:10,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY				K. Baker		Feb 1979	
				N/A			
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Cal Comp CHECKED BY				J. Taylor		Mar 1979	
				N/A			
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				J. Schad		Mar 1979	
INSTRUMENT: Wild B-8				P. Dempsey		Mar 1979	
SCALE: 1:10,000				N/A			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				J. Schad		April 1979	
				P. Dempsey		April 1979	
METHOD: Graphic				N/A			
SCALE: 1:10,000 HYDRO SUPPORT DATA BY				N/A			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				D. Brant		July 1979	
				F. Wright		Oct 1979	
6. APPLICATION OF FIELD EDIT DATA BY				P. Dempsey		Oct 1979	
7. COMPILATION SECTION REVIEW BY				F. Wright		Dec 1979	
8. FINAL REVIEW BY				P. Dempsey		Nov 1984	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY							
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				P. Dempsey		Nov 1984	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R.S. KORNSPAN		FEB 1985	

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

COMPILATION SOURCES

TP-00545

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8-E & K & RC-10-C		TYPES OF PHOTOGRAPHY LEGEND (C) <u>COLOR</u> (P) PANCHROMATIC (I) <u>INFRARED</u>		TIME REFERENCE	
TIDE STAGE REFERENCE ☐ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☒ TIDE CONTROLLED PHOTOGRAPHY				ZONE Central	☒ STANDARD
				MERIDIAN 90th	☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
78 EC 6944 - 6947	15 Jan 78	1426	1:30,000	N/A	
78 KR 2956 - 2958	4 Feb 78	1452	1:30,000	Refer to 76-36B(1) for tide information	
78 CR 2508	19 Mar 78	0953	1:50,000		
78 CR 2658	15 Apr 78	1307	1:50,000		
REMARKS					

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the tide-coordinated infrared photography listed in item 1 above. Where the shoreline is obscured by vegetation, such as mangrove, the apparent shoreline was used.

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

The source of the GCLW line is the tide-coordinated infrared photography 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 TP-00544	EAST TP-00547	SOUTH N/A	WEST TP-00543
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REMARKS

Final junctions were made in the Coastal Mapping Section.

HISTORY OF FIELD OPERATIONS TP-00545

1. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATIONUnder letter dated 1/30/78
from Chief, Coastal Mapping

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J.D. Di Mare	
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	H.V. Hart Jr. 9/79
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	J.D. Di Mare 9/79
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

78-E-6944, 6946; 78-E-6962

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

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)

NOAA FORM 76-36D (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		
RECORD OF SURVEY USE				
TP-00545				
I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class I		Cronaflex copy sent to AMC		4/21/82
II. LANDMARKS AND AIDS TO NAVIGATION				
1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH				
NUMBER pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS	
5		4/16/80	Digitized forms 76-40	
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: Tide data - Discrepancy prints 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 ☐ REVISED ☐ RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL	

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-00545

Coastal Zone Map TP-00545 is one of four 1:10,000 scale shoreline maps in project CM-7719. The project also consists of eight 1:20,000 scale maps. These maps are intended for planning purposes for the state of Florida and for the construction and maintenance of NOS Nautical Charts.

The layout for CM-7719 shows the location of the individual maps from Fort Walton Beach to Perdido Pass and North to Escambia Bay and the Blackwater River. A copy of the layout is included in this Descriptive Report. Field operations consisted of premarking horizontal control and photographing the area; establishing tidal datums and performing the field edit.

Color compilation photography was taken with the Wild RC-8-E camera in January, 1978 and the Wild RC-10-Z camera in April, 1977 at 1:30,000 scale. This photography was used in clarifying detail and compiling landmarks and aids to navigation. The shoreline was compiled using 1:50,000 scale, black and white, infrared, MHW and GCLW photography taken with the Wild RC-10-C camera in February, March and April, 1978.

The Aerotriangulation Unit in Rockville, Maryland bridged six strips of 1:50,000 scale, black and white, panchromatic photography and one strip of 1:30,000 scale color photography using analytic aerotriangulation methods.

Compilation was completed in the Coastal Mapping Unit, Rockville, Maryland using graphic and instrument methods.

Field edit was completed in September, 1979. Recovery and location of landmarks, fixed aids to navigation, piling, etc. were omitted from the field edit procedures as per memo, dated January 30, 1978, from chief, Photogrammetric Branch. These items were compiled, to the extent possible, by office photogrammetric methods. The edit was required to only visually verify their existence at the time of edit. Their locations were not field checked. Field edit requirements in the foreshore and adjacent areas remain unchanged.

Application of field edit was performed in the Coastal Mapping Unit, Rockville, Maryland.

Final Review was performed in the Quality Control Unit, Rockville, Maryland in November, 1984. This map meets the requirements for National Standards of Map Accuracy.

The context of this Descriptive Report contains all pertinent reports and listings of data used to compile the final map.

PHOTOGRAMMETRIC PLOT REPORT
FORT WALTON BEACH TO PERDIDO PASS, FLORIDA

JOB CM-7719

February 1979

AREA COVERED

The area covered by this report is from Ft. Walton Beach west to Pensacola and Perdido Pass, Florida; and north to Escambia Bay and the Blackwater River. The area is covered by eight 1:20,000 sheets and four 1:10,000 sheets.

METHOD

Six strips of 1:50,000 bridging photography were measured by analytic aerotriangulation methods. These six strips were controlled by field and office identified points. The job was flown earlier (1977) using the "C" camera, and when it was discovered that there was something wrong with the camera, the job was reflown in April 1978 using the "E" camera. The control panels were transferred on the Wild PUG from the earlier photography.

One small strip (7) of photography - 77-Z(C)-3459/3463 (scale 1:30,000) was bridged between strips 1 and 5 along the western shore of Escambia Bay north of Pensacola, using points from the 1:50,000 photography as control to obtain adequate shoreline coverage for compilation.

Common points were located on four strips of 1:30,000 color compilation photography in the Pensacola, Perdido Key (eastern end), Santa Rosa Island (western end) area and the corresponding 1:50,000 bridging strips.

Tie points were used on all strips to ensure an adequate junction during strip adjustments.

Twelve manuscripts will be plotted on the Coradomat.

ADEQUACY OF CONTROL

There was only one panel intact from the earlier photography, BON, 1934, but it was discovered during strip adjustments that the panel was moved in a storm, and, at the time of the first and second photo missions, it was in line with the storm water line. A light, Pensacola Mobile Beacon 91, was used in the strip adjustments (strips 4, 5, and 6), which was near BON, 1934, and was found to be a good station. All others were transferred on the Wild PUG from the "C" photography.

SUPPLEMENTAL DATA

USGS quadrangles were used to provide vertical control for the strip adjustments. NOS nautical charts were used to aid in landmark and aids to navigation identification.

PHOTOGRAPHY

The coverage, overlap and quality of the photography were adequate for the job. The infrared photography was not ratioed. It will be rectified by the compilation section.

Approved and Forwarded by:

Don O. Holman

Chief, Aerotriangulation Section

Submitted by:

Karin H. Baker

ACCURACY OF CONTROL

STRIP #1

		<u>X</u>	<u>Y</u>
Contraves Two, 1956	230100	0.893	-1.186
Langley, 1950	235100	-3.234	1.908
Sub point 18	238101	1.819	1.554
Westhead 2, 1934			
Sub point	240101	1.136	-4.128
Cantonment Rm 5, 1938	245100	- .639	1.858

STRIP #2

		<u>X</u>	<u>Y</u>
ET-RLT, 1966			
Sub point	212101	-1.584	-1.927
Creek 3, 1934			
Sub point	214101	2.997	3.624
Williams 2, 1963			
Sub point	218101	-1.080	-1.294
Contraves Two, 1956	230100	-1.588	-1.649
Narr 2, 1973			
Sub point	224101	1.266	1.249

STRIP #3

		<u>X</u>	<u>Y</u>
Sub point 17	161101	0.000	0.000
Sub point 18	238101	0.000	0.000
Sub point 13	166101	0.000	0.000

STRIP #4

		<u>X</u>	<u>Y</u>
Pensacola Mobile Beacon			
#91, 1934	193152	0.850	-1.047
Clear, 1934	195100	-1.027	-2.286
Stamp RM 2, 1934			
Sub pt.	197103	-2.277	1.264
Kit, 1935	141100	1.826	-0.200
Pace, 1938			
Sub pt.	147101	-0.394	-0.013

2

STRIP #5

		<u>X</u>	<u>Y</u>
Sub pt. 13	166101	1.148	2.778
Pine Bluff 2, 1966			
Sub point	251101	0.287	-3.191
Hinrichs, 1934			
Sub pt.	256101	-1.745	-0.552
Stamp RM 2, 1934			
Sub pt.	197103	2.236	0.336
Clear, 1934	195100	-3.204	1.823
Pensacola Mobile Beacon			
#91, 1934	193152	1.262	-1.203

STRIP #6

		<u>X</u>	<u>Y</u>
Pensacola Mobile Beacon			
#91, 1934	193152	0.619	0.178
Clear, 1934	195100	0.550	-2.138
Stamp RM 2, 1934			
Sub pt.	197103	-2.629	2.737
Gulf Beach 1934	200100	1.445	-2.597
Worth, 1934	203100	4.422	-0.689
ET-7-RLT, 1966			
Sub pt.	212101	-2.951	-0.085

STRIP #7 (1:30,000)

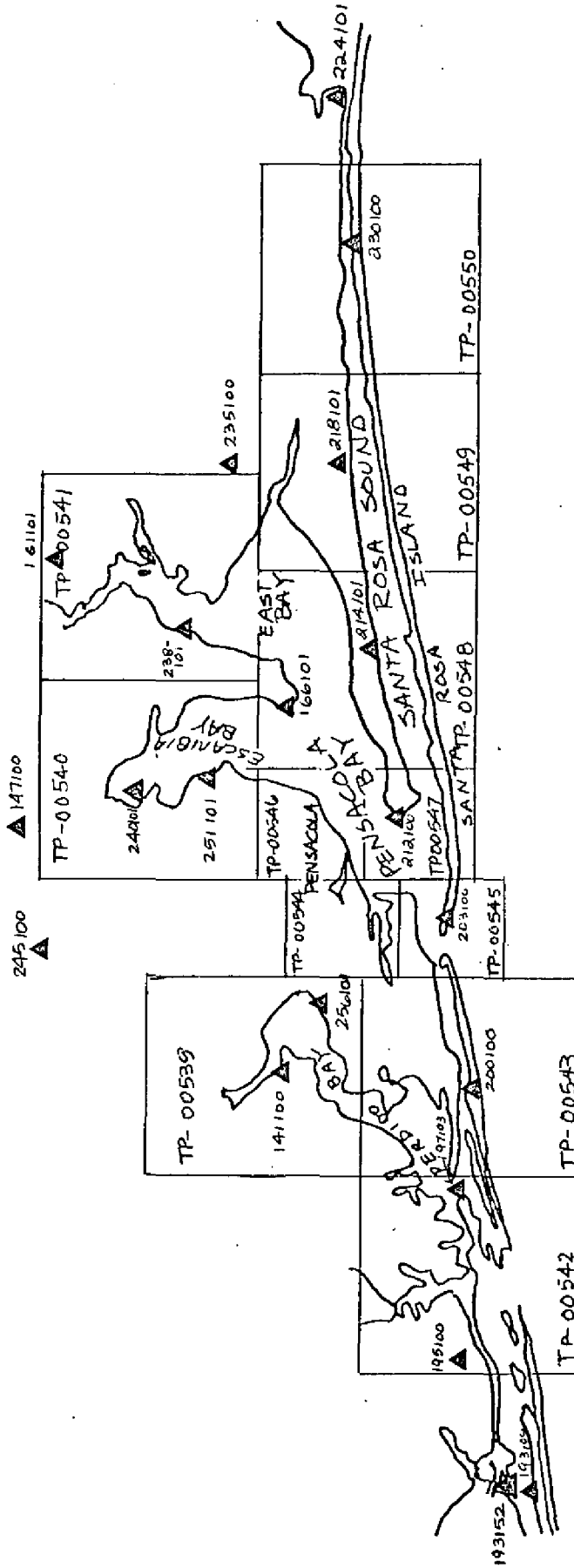
		<u>X</u>	<u>Y</u>
251330	459103	.000	- .000
Westhead 2, 1934			
Sub pt.	240101	- .000	- .000
145330	463101	.000	.000

AEROTRIANGULATION SKETCH FORT WALTON BEACH TO PERDIDO PASS

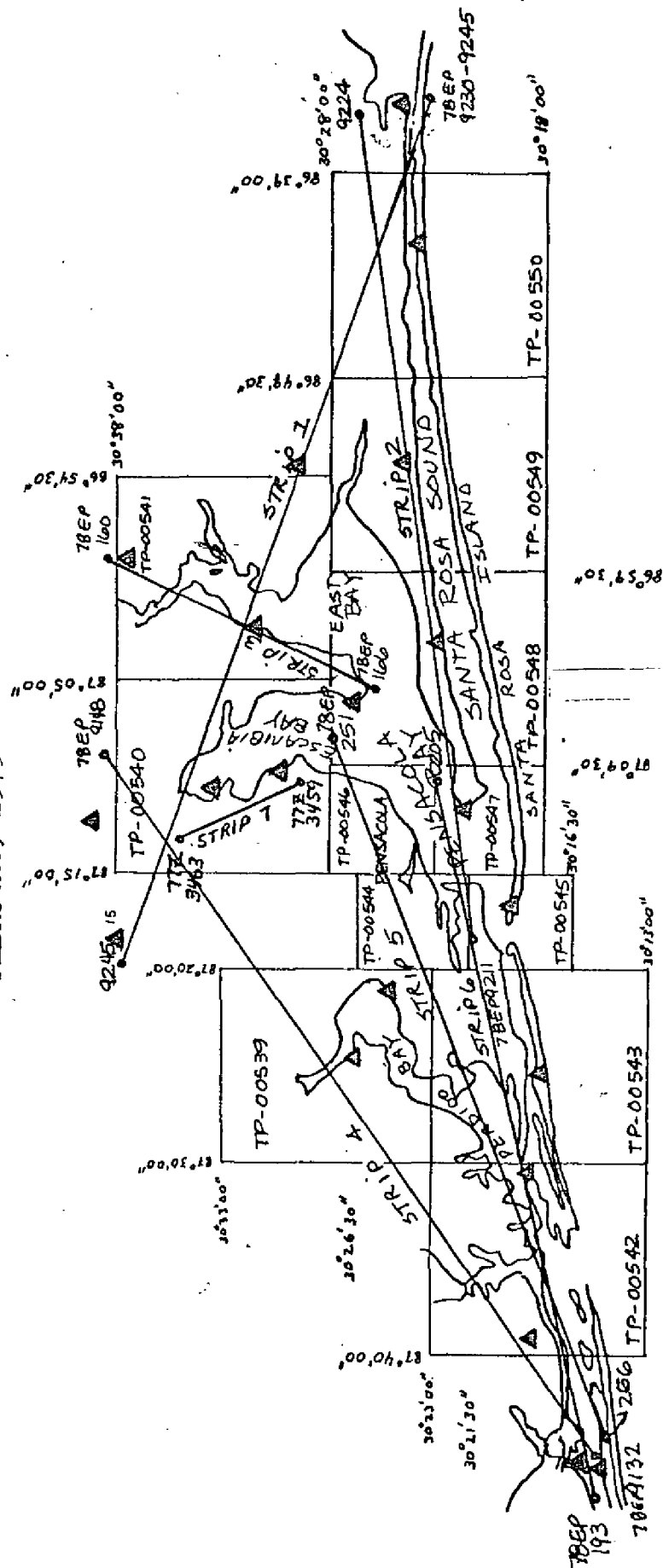
FLORIDA

CM--7719

FEBRUARY, 1979



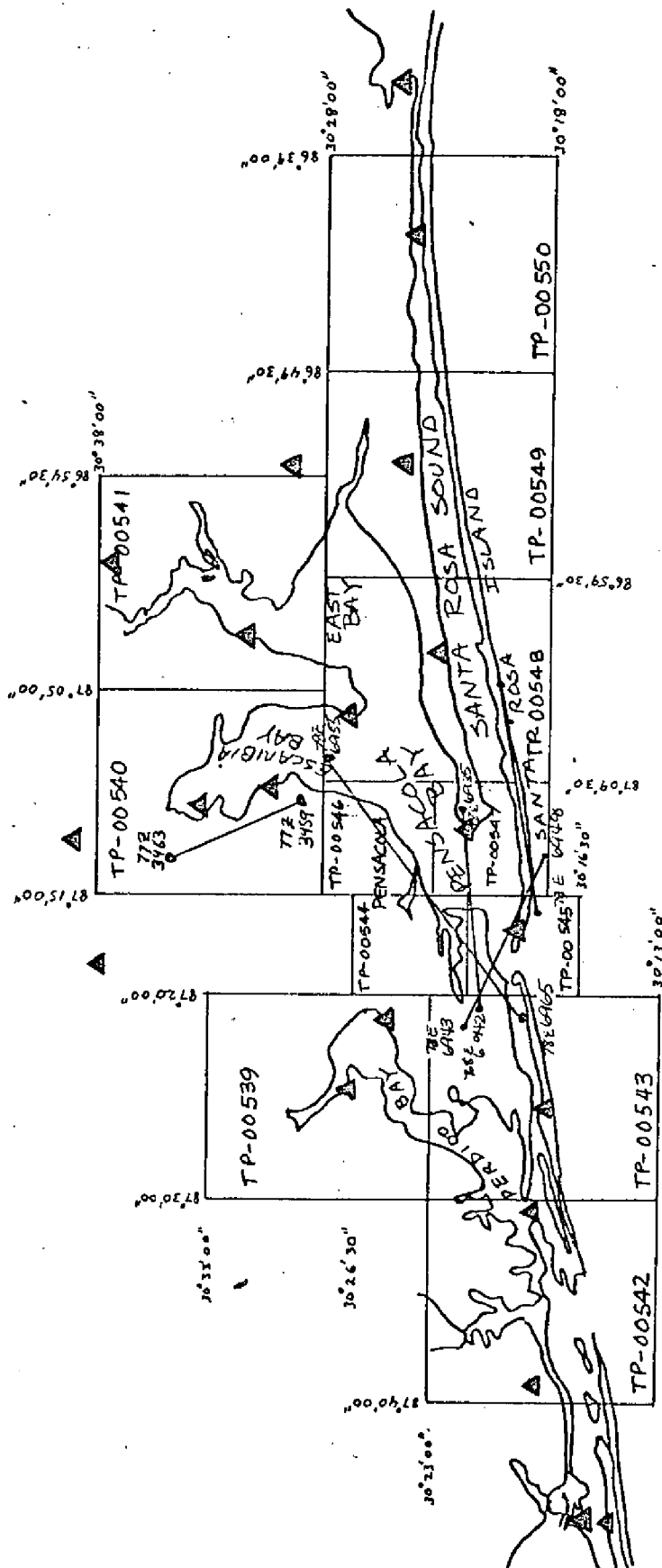
AEROTRIANGULATION SKETCH
FORT WALTON BEACH TO PERDIDO PASS
FLORIDA
CM-7719
FEBRUARY, 1979



BRIDGING PHOTOGRAPHY
78 EP 1:50,000
77ZC 1:30,000

AEROTRIANGULATION SKETCH
FORT WALTON BEACH TO PERDIDO PASS.

CM -- 7719
FEBRUARY, 1979



78 Ec 1:30,000

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	CM-7719	AEROTRI- ANGULATION POINT NUMBER	SOURCE OF INFORMATION (Index)	GEODETIC DATUM		ORIGINATING ACTIVITY		REMARKS
						STATE	ZONE	COORDINATES IN FEET	GEOGRAPHIC POSITION	
						FLORIDA	NORTH			
Bar Pilots Lookout Tr, 1934		P C Pg 42 G P Pg 598	203127			X=	1,120,248.49	ϕ	30° 20' 47.65"	
						Y=	500,455.11	λ	87° 17' 21.236"	
Worth, 1934		P C Pg 88	263100			X=	1,123,148.66	ϕ		
						Y=	491,876.16	λ		
						X=		ϕ		
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Compilation Report

TP-00545

April 1979

31. Delineation

All alongshore, offshore and interior planimetric features from CHEVALIER FIELD to FORT MCREE Leading Light area was delineated by B-8 compilation methods using 1:30,000 scale color photography. All other features were delineated by ratio black and white photos. The photography was controlled by map points determined by aerotriangulation.

The MHWL and apparent shoreline was compiled from tide-coordinated black and white infrared photography. This photography was controlled by points determined by aerotriangulation. The GCLW was taken from 1:50,000 scale photo 78C-2508 R.

32. Horizontal Control

Horizontal control was adequate. (see Photogrammetric Plot Report)

33. Supplemental Control

Two tide stations were plotted from sketches furnished by Tide and Water Level Section.

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from the B-8 and the tide-coordinated black and white infrared photography.

35. Shoreline and Alongshore Details

Office interpretation of the B-8 compilation and the infrared photography was adequate for delineation of MHW line and GCLW line.

36. Offshore Details

All offshore details consists of wrecks, rocks, shallow , and shoal areas.

37. Landmarks and Aids

Seven landmarks were located by aerotriangulation. Three land features were identified and positioned from the B-8 compilation for possible landmark value. See Form 76-40 (Landmarks for Charts)

Eight aids to navigation were located; four by aerotriangulation and four by B-8 compilation.

38. Control for Future Survey - None

39. Junctions

Junction was made with TP-00544 (North), TP-00547 (East), and TP-00543 (West), 1:20,000 scale. There is no junction to the south.

40. Horizontal and Vertical Accuracy

This map complies with the accuracy requirement for the Florida Coastal Zone Mapping Program as outlined by Project Instruction PH-7000.

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following USGS quadrangle maps:

Fort
For Barrancas, Fla., 1970 - 1:24,000

47. Comparison with Existing Maps

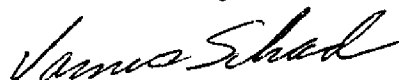
Comparison was made with the following Nautical Charts:

11378 - 14th Edition, August 1978, 1:40,000

11382 - 24th Edition, January 13, 1979, 1:80,000

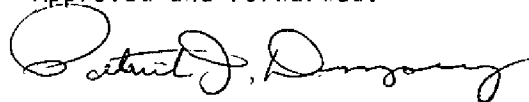
11382 - 36th Edition, November 25, 1978, 1:30,000

Submitted by,



James Schad

Approved and Forwarded:



For: Frank Wright
Acting Chief, Coastal Mapping Section

FIELD EDIT REPORT TP-00545, JOB CM-771951. METHODS

Field edit was performed under instructions dated 1/30/78 from Chief, Coastal Mapping Division, Rockville, Maryland.

The shoreline was inspected from a small boat while cruising just off shore.

Field edit notes will be found on the photographs and discrepancy print.

52. ADEQUACY OF COMPILATION

Adequate after application of field edit.

53. MAP ACCURACY

No test required.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Not required.

Submitted: 9/10/79

Joseph D. Di Mare
Joseph D. Di Mare
Chief, Photo Party 66

REVIEW REPORT
TP-00545
NOVEMBER 1984

61. General Statement

Refer to the summary bound with this Descriptive Report.

62. Comparison With Registered Topographic Surveys - None

63. Comparison With Maps of Other Agencies

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

64. Comparison With Contemporary Hydrographic Surveys - None

65. Comparison With Nautical Charts

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

66. Adequacy of Results and Future Surveys

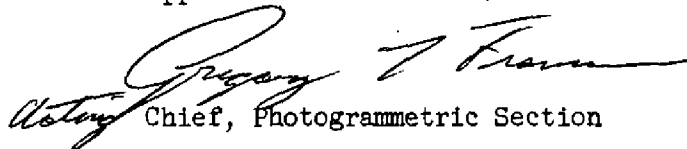
This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by:



Patrick J. Dempsey
Final Reviewer

Approved and Forwarded:



Gregory T. Farnham
Chief, Photogrammetric Section



Ronald K. Brewer
Chief, Photogrammetry Branch

January 8, 1980

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7719 (Ft. Walton Beach to Perdido Pass, Florida)

TP-00545

Big Lagoon

Chevalier Field

Gulf of Mexico

Mustin Beach

Pensacola Bay

Perdido Key

San Carlos Beach

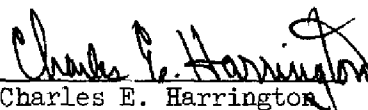
Santa Rosa Island

Sherman Cove

Sherman Inlet

Spanish Point

Approved by:



Charles E. Harrington
Chief Geographer

DISSEMINATION OF PROJECT MATERIAL
CM-7719
FORT WALTON BEACH TO PERDIDO PASS

National Archives/Federal Records Center

Job Completion Report

Brown Jacket:

Field Photographs

Discrepancy Prints

Photogrammetric Plot Report

Tide Data

Computer Listing

Bureau Archives

Registered Map

Descriptive Report

Reproduction Division

8x Reduction Negative of Map

Office of Staff Geographer

Geographic Names Standards

76-40	PHOTOGRAMMETRIC BRANCH	NATIONAL OCEAN SURVEY	NOAA	DATA TAB
LISTING	PHOTOGRAMMETRY DIVISION	DEPARTMENT OF COMMERCE USA		VERSION
				782707

* SVY	TP-10545	* RPT UNIT	CMU, ROCKVILLE, MD.	* PAGE	1 OF 5
* JOB	CM 7719	* STATE	FLORIDA		
* PRJ	933205	* LOCALITY	SAN CARLOS	* ORIGINATING ACTIVITY	
* UTM	NA1927	* DATE	10/22/79	* COMPILATION	

* OBJECTS INSPECTED FROM SEAWARD	* J. CI	* ARE	* PHOTO FIELD PARTY
* POSITIONS DETERMINED	* J. DI	* HARE	* FIELD REPRESENTATIVE
* AND/OR VERIFIED BY	* P.	* DEMPSEY	* OFFICE COMPILER
* FIELD AND OFFICE	* A.	* BETHEA	* DIGITIZER
* ACTIVITIES	* J.	* TAYLOR	* DATA PROCESSOR

* OFFICE	KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION
* 1. OFFICE IDENTIFIED AND LOCATED OBJECTS.	* F. FIELD (CONT'D)
* THE NUMBER AND DATE (INCLUDING MONTH, DAY	* B. PHOTOGRAMMETRIC FIELD POSITIONS** SHOW
* AND YEAR) OF THE PHOTOGRAPH USED TO	* THE METHOD OF LOCATION OR VERIFICATION,
* IDENTIFY AND LOCATE THE OBJECT ARE SHOWN.	* DATE OF FIELD WORK AND NUMBER OF PHOTO-
* EXAMPLE 75E(C)6042	* GRAPH USED TO LOCATE AND IDENTIFY THE
* 9-12-77	* OBJECT.
	* EXAMPLE P-8-V
	* 9-12-77
	* 74L(C)2992

* FIELD	2. TRIANGULATION STATION RECOVERED
* 1. NEW POSITION DETERMINED OR VERIFIED	* WHEN A LANDMARK OR AID WHICH IS ALSO A TRI-
* KEY TO SYMBOLS	* ANGULATION STATION IS RECOVERED, A TRIANG.
* F-FIELD	* REC. WITH DATE OF RECOVERY IS SHOWN.
* L-LOCATED	* EXAMPLE TRIANG. REC.
* V-VERIFIED	* 9-12-76
* 1-TRIANGULATION	
* 2-TRAVERSE	
* 3-INTERSECTION	3. POSITION VERIFIED VISUALLY ON PHOTOGRAPH
* 4-RESECTION	* SHOWN BY V-VIS AND DATE.
	* EXAMPLE V-VIS
	* P-12-75

* 4. FIELD POSITIONS* SHOW THE METHOD OF	
* LOCATION AND DATE OF FIELD WORK.	
* EXAMPLE F-2-6-L	
* 9-12-76	

* FIELD POSITIONS ARE DETERMINED BY FIELD	* ** PHOTOGRAMMETRIC FIELD POSITIONS ARE
* OBSERVATIONS BASED ENTIRELY UPON GROUND	* DEPENDENT ENTIRELY, OR IN PART, UPON CONTROL
* SURVEY METHODS	* ESTABLISHED BY PHOTOGRAMMETRIC METHODS.

* NOTE: WHERE THE NAME OF AN AID INCLUDES THE IMMEDIATE GEOGRAPHIC HEADING UNDER WHICH IT IS LISTED,
* A DASH (-) IS USED TO INDICATE THE GEOGRAPHIC HEADING WHICH IS PART OF THE OFFICIAL NAME.

PHOTOGRAMMETRIC BRANCH PHOTOGRAMMETRY DIVISION				NATIONAL OCEAN SURVEY DEPARTMENT OF COMMERCE USA				NOAA		DATA TAB VERSION 792707	
* SVY	TP-00545	* RPT UNIT	CRD, ROCKVILLE, MD.	* PAGE	2 OF	5					
* JOB	CM7719	* NONFLOATING AIDS FOR CHARIS	STATE FLORIDA								
* PRJ	833205	* TO BE CHARTED	LOCALITY SAN CARLOS								
* DTM	NA1927		DATE 10/22/79								
* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *											
* CHARTING	RECORD REASON FOR DELETION	* POSITION	CMD	* METHOD AND DATE							
* NAME	* PUT TRIANGULATION NAMES IN ()	* LATITUDE	DN	* ALTEK	* OF LOCATION						
		* LONGITUDE	DP	* DGTZD	* OFFICE	* FIELD					
* ONLY THOSE NONFLOATING AIDS AND LANDMARKS TO NAVIGATION * * *											
* THAT WERE VISIBLE ON THE PHOTOGRAPHY AND LOCATED DURING * * *											
* BRIDGING OR COMPILATION ARE SHOWN ON THIS MAP. * * *											
* PENSACOLA BAY * * *											
* LIGHT	* CAUCUS CHANNEL RANGE FRONT LT.	* 30 19 53.46	1646.2		* 78EC6945						
		* 87 18 52.17	1393.6		* 01/15/78						11378
* LIGHT	* CAUCUS CHANNEL RANGE REAR LT.	* 30 20 12.54	386.1		* 78EC6945						
		* 87 18 59.48	1589.8		* 01/15/78						11378
* LIGHT	* PENSACOLA LIGHT	* 30 20 45.23	1392.8		* 78EC6964						
		* 87 18 29.28	792.0		* 01/15/78						11378
* LIGHT	* FORT BARRANCAS RANGE FRONT LT.	* 30 20 34.16	1051.9		* 78EC6964						
		* 87 18 29.26	731.5		* 01/15/78						11378
* LIGHT	* FORT BARRANCAS RANGE REAR LT.	* 30 20 44.52	1370.9		* 78EC6945						
		* 87 18 29.30	782.6		* 01/15/78						11378
* LIGHT	* FORT MOORE LEAVING LIGHT	* 30 19 26.28	809.2		* 78EC6964						
		* 87 18 47.97	1281.5		* 01/15/78						11378
* LIGHT	* NAVY RANGE FRONT LIGHT	* 30 20 04.21	129.6		* 78EC6945						
		* 87 18 05.48	146.4		* 01/15/78						11378

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

115C 2004.000 5.854.000