T P- 00550

T P- 00550

NOAA FORM 76-35
(3-76)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Map No. TP-00550	*Edition No.* 1
Job No. CM-7719	
Map Classification Final (Field Edited)	
Type of Survey Shoreline	

LOCALITY

State
Florida

General Locality
Santa Rosa Sound

Locality
Mary Ester to Wynnehaven Beach

1978 TO 1979

REGISTRY IN ARCHIVES

DATE

*U. S. GOVERNMENT PRINTING OFFICE:1976-669-248

NOAA FORM 76-36A (3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY
- [x] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

SURVEY TP- 00550
MAP EDITION NO. (1)
MAP CLASS Final field edited
JOB ~~PH-~~ CM-7719

PHOTOGRAMMETRIC OFFICE
Rockville, Md.

OFFICER-IN-CHARGE
Cmdr. J. Collins

LAST PRECEEDING MAP EDITION
TYPE OF SURVEY
- [ ] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

JOB PH- _____
MAP CLASS _____
SURVEY DATES:
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:	[x] 1927 NORTH AMERICAN	OTHER (Specify)
2. VERTICAL:	[x] 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 1:20,000		STATE ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic	BY	K. Baker	Feb 1979
	LANDMARKS AND AIDS BY	N/A	
2. CONTROL AND BRIDGE POINTS METHOD: Cal Comp	PLOTTED BY	J. Taylor	Feb 1979
	CHECKED BY	N/A	
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	N/A	
	CHECKED BY		
INSTRUMENT:	CONTOURS BY	N/A	
SCALE:	CHECKED BY		
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	J. Rector	Mar 1979
	CHECKED BY	C. Lewis	April 1979
METHOD: Graphic	CONTOURS BY	N/A	
	CHECKED BY		
SCALE: 1:20,000	HYDRO SUPPORT DATA BY	N/A	
	CHECKED BY		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	D. Brant	May 1979
6. APPLICATION OF FIELD EDIT DATA	BY	F. Wright	July 1979
	CHECKED BY	C. Lewis	July 1979
7. COMPILATION SECTION REVIEW	BY	F. Wright	Oct 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-00550

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC-8-E & RC-10-C

TIDE STAGE REFERENCE
- [ ] PREDICTED TIDES
- [ ] REFERENCE STATION RECORDS
- [X] TIDE CONTROLLED PHOTOGRAPHY

TYPES OF PHOTOGRAPHY LEGEND
(C) COLOR
(P) PANCHROMATIC
(I) INFRARED

TIME REFERENCE
ZONE: Central
MERIDIAN: 90th
- [X] STANDARD
- [ ] DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
78 EP 9220 -9223	15 Apr 78	1129	1:50,000	N/A
78 EC 7183 - 7188	28 Jan 78	1256	1:30,000	
78 EC 7203 - 7209	28 Jan 78	1358	1:30,000	
78 CR 2695 - 2699	15 Apr 78	1358	1:50,000	Refer to 76-36B(1) for tide information
78 CR 2549 - 2553	27 Apr 78	1412	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.

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

The GCLW line was not shown on this map. No apparent difference could be seen at map scale between the GCLW line and the MHW line.

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	TP-00334 & TP-00335	N/A	TP-00549

REMARKS
Final junctions were made in the Coastal Mapping Section.

NOAA FORM 76-36B(1)
(7-75)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TIDE - COORDINATED PHOTOGRAPHY

TP - 00550

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
78 CR 2695-2699	NAVARRE Beach (outside)	MHW -0.10	
78 CR 2549-2553	NAVARRE Beach (outside)	GCLW +0.20	

REMARKS:

NOAA FORM 76-36C
(3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

HISTORY OF FIELD OPERATIONS TP-00550

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION Under ltr. dtd. 1/30/78 fr. Chief, Coastal Mapping

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY (Acting)		J.D. Di Mare	
2. HORIZONTAL CONTROL	RECOVERED BY	J.D. Di Mare	June 79
	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	J.D. Di Mare	June 79
	LOCATED *(Field Methods)* BY		
	IDENTIFIED BY		
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	J.D. Di Mare	June 79
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N/A	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*

78EP9220, 9222

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
78EP9222	STANDPIPE		

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE

6. 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 76-36C
(3-72)

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

NOAA FORM 76-36D
(3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

RECORD OF SURVEY USE

TP-00550

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
6		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

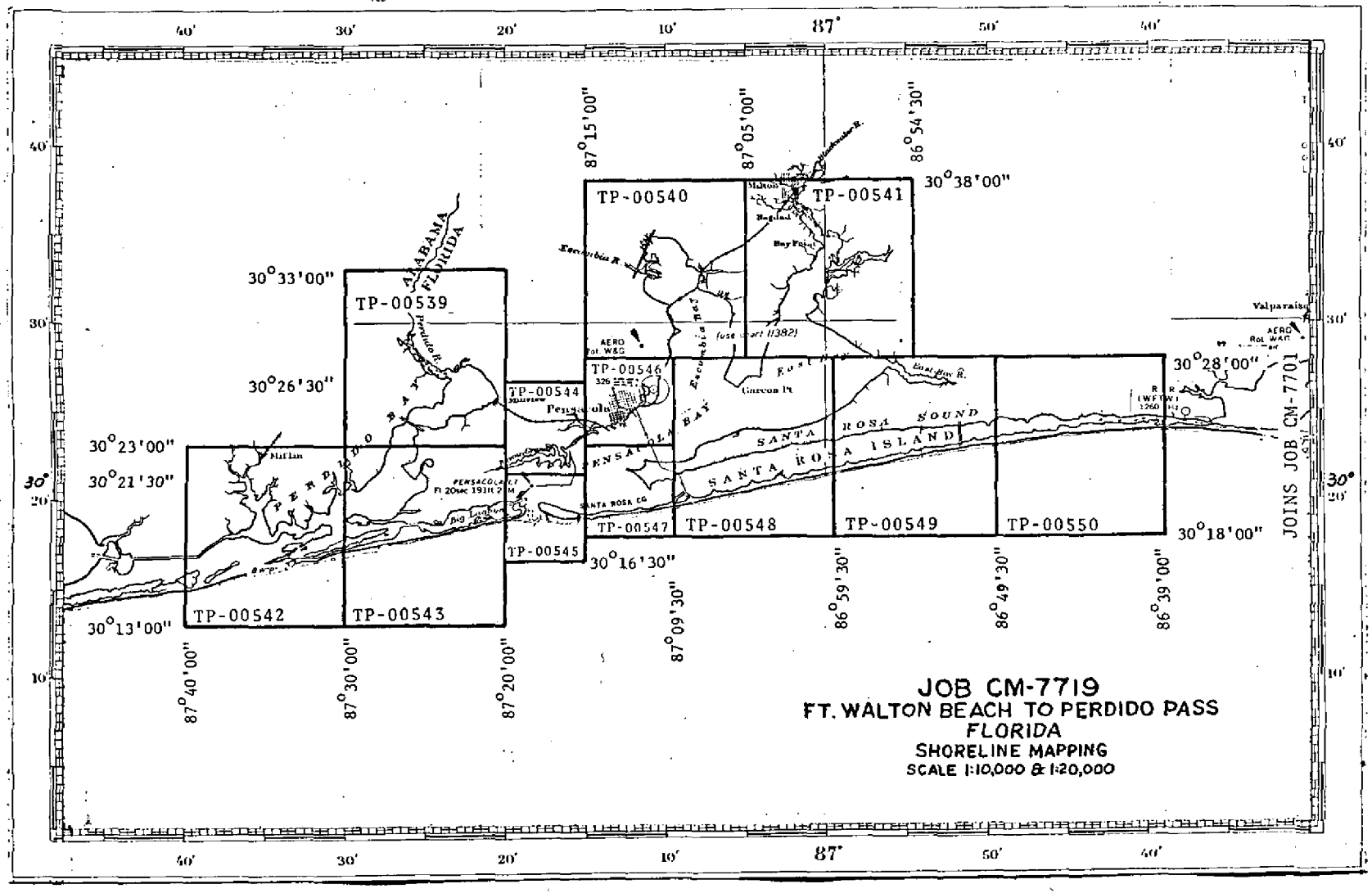
1. [X] BRIDGING PHOTOGRAPHS; [X] DUPLICATE BRIDGING REPORT; [X] COMPUTER READOUTS.
2. [ ] CONTROL STATION IDENTIFICATION CARDS; [ ] FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. [X] SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:
   ~~Tide data - Discrepancy prints~~
4. [X] DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
SECOND EDITION	TP - _____ (2)	PH - _____	[ ] 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

NOAA FORM 76-36D

☆U. S. GOVERNMENT PRINTING OFFICE: 1973--778075/1077 REGION NO. 6


TP-00539
TP-00540
TP-00541
TP-00542
TP-00543
TP-00544
TP-00545
TP-00546
TP-00547
TP-00548
TP-00549
TP-00550
30°33'00"
30°26'30"
30°23'00"
30°21'30"
30°13'00"
30°38'00"
30°28'00"
30°18'00"
30°16'30"
87°40'00"
87°30'00"
87°20'00"
87°15'00"
87°09'30"
87°05'00"
86°59'30"
86°54'30"
86°49'30"
86°39'00"
ALABAMA
FLORIDA
PERDIDO BAY
PENSACOLA BAY
SANTA ROSA SOUND
SANTA ROSA ISLAND
Pensacola
Valparaiso
JOINS JOB CM-7701
JOB CM-7719
FT. WALTON BEACH TO PERDIDO PASS
FLORIDA
SHORELINE MAPPING
SCALE 1:10,000 & 1:20,000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-00550

Coastal Zone Map TP-00550 is one of eight 1:20,000 scale shoreline maps in project CM-7719. The project also consists of four 1:10,000 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 methods.

Field edit was completed in July,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. Norman

Chief, Aerotriangulation Section

Submitted by:

Karen H. Baker

ACCURACY OF CONTROL

STRIP #1

		X	Y
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

		X	Y
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

		X	Y
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

		X	Y
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

STRIP #5

		X	Y
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

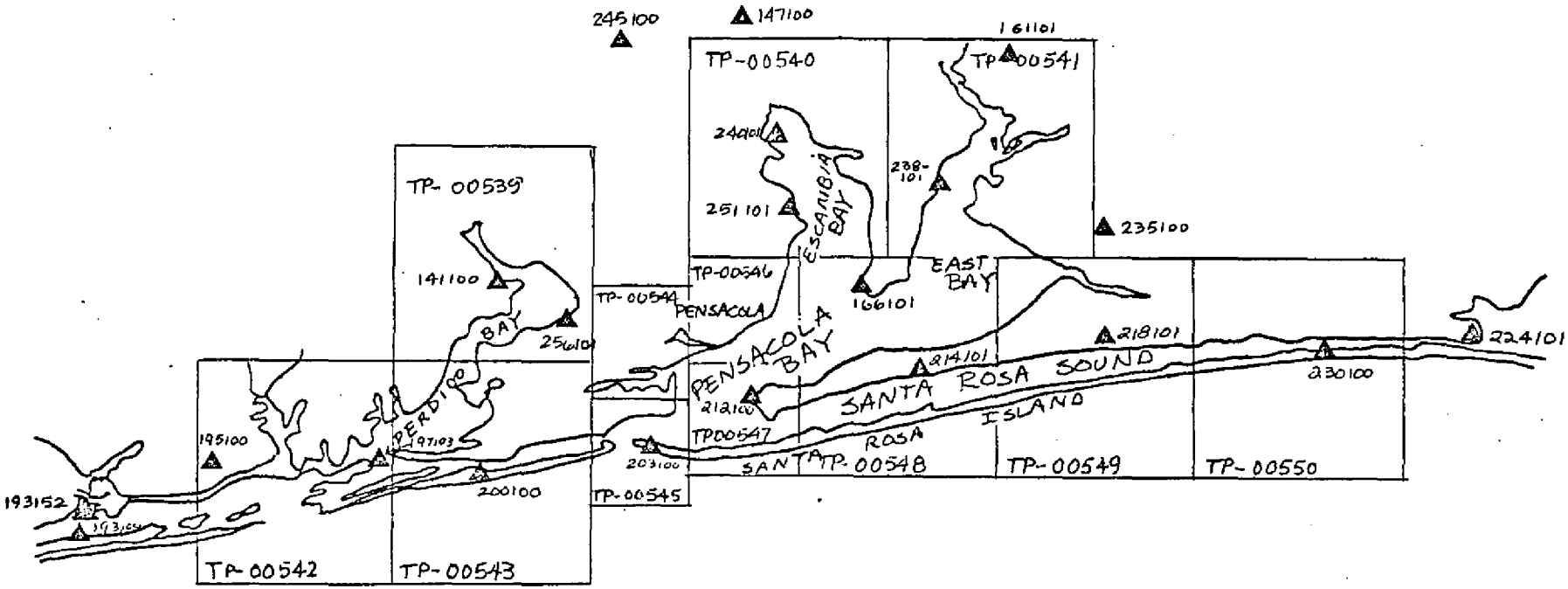
STRIP #6

		X	Y
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)

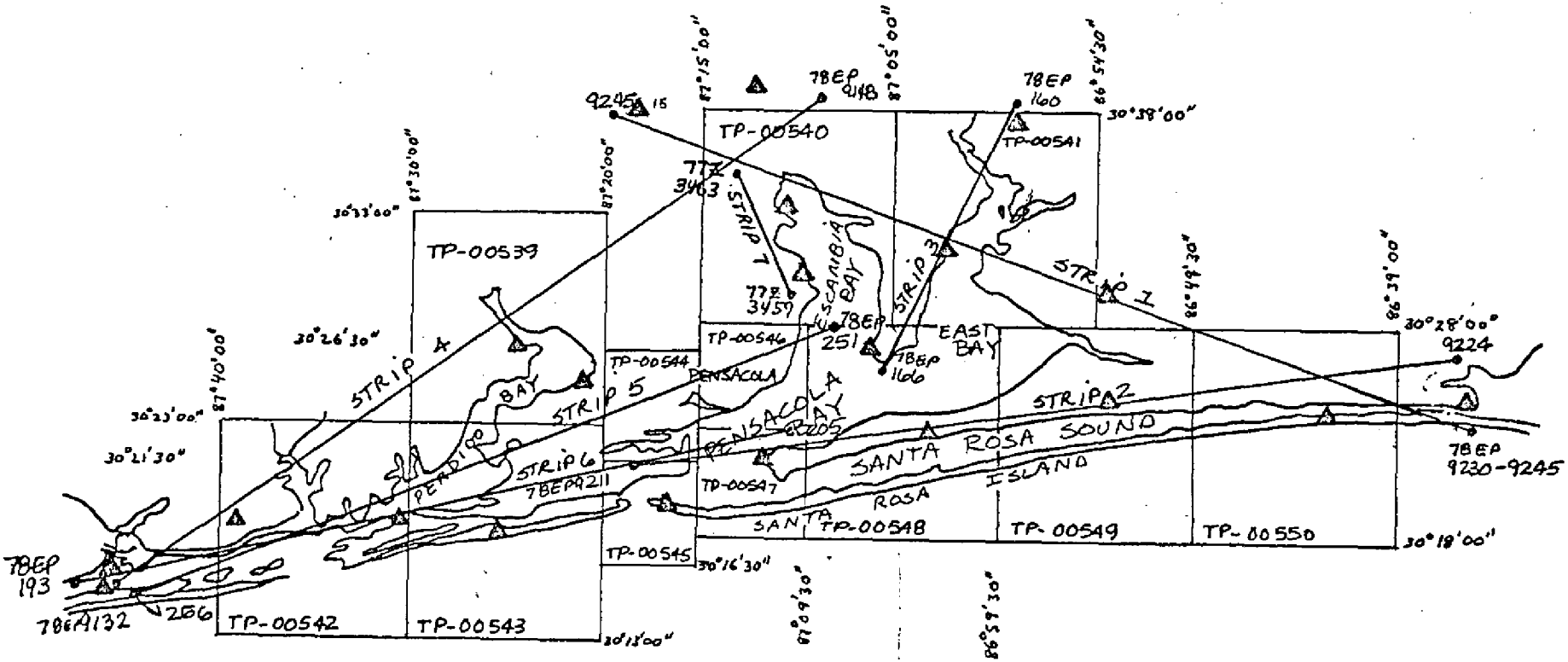
		X	Y
251330	459103	.000	- .000
Westhead 2, 1934 Sub pt.	240101	- .000	- .000
145330	463101	.000	.000

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



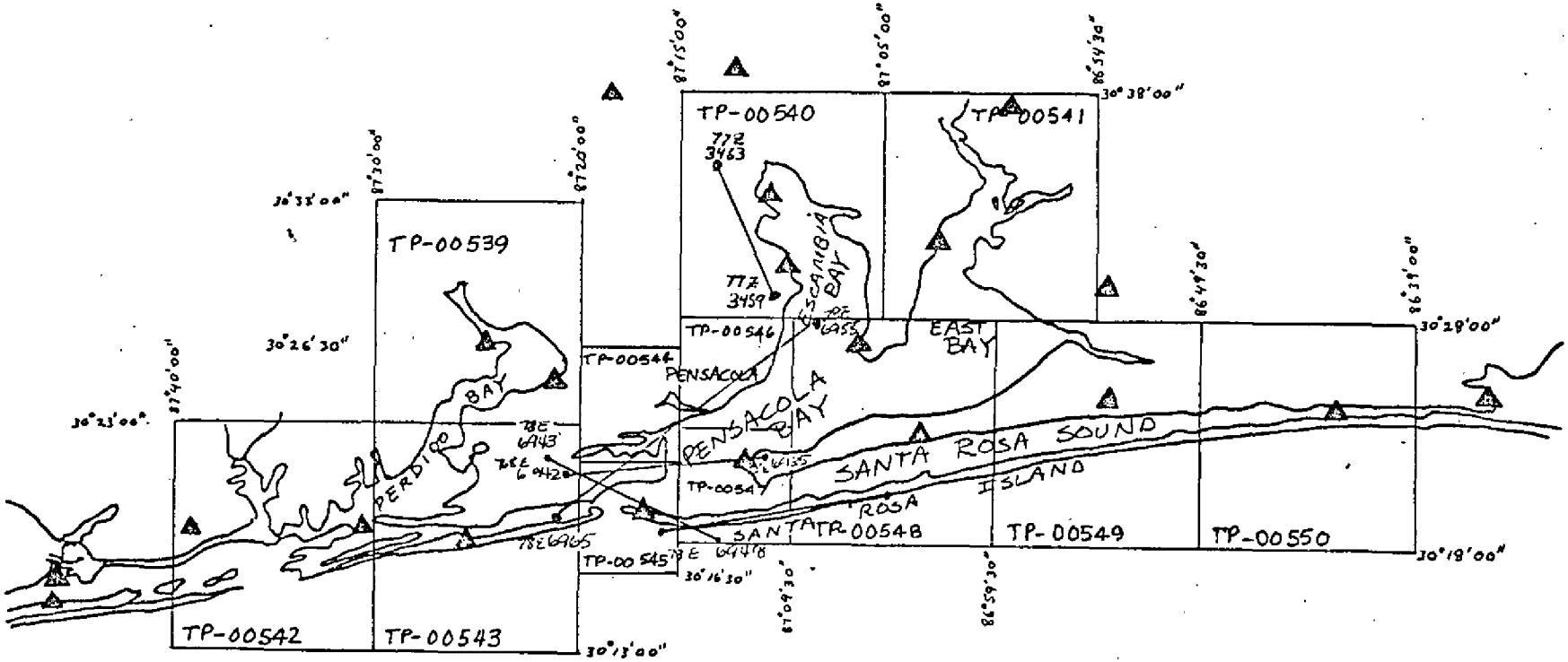
AEROTRIANGULATION SKETCH

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
FLORIDA
CM -- 7719
FEBRUARY, 1979



COMPILATION PHOTOGRAPHY
78 Ec 1:30,000

NOAA FORM 76-41
(6-75)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
TP-00550	CM-7719	N A 1927	Rockville, Md.

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Florida ZONE North	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
Tank 9, 1956	P C Pg 107 G P Pg 1022	222110	x= 1,305,874.38 y= 521,644.95	φ 30° 24' 57.572" λ 86° 42' 07.822"	
Contraves Two, 1956	P C pg 107	230100	x= 1,293,826.52 y= 515,336.90	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	

COMPUTED BY	DATE	COMPUTATION CHECKED BY	DATE
LISTED BY J. Rector	DATE Mar 1979	LISTING CHECKED BY C. Lewis	DATE April 1979
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

15

Compilation Report

CM-7719

TP-00550

March 1979

The area covered by Project CM-7719 is from Ft. Walton Beach west to Pensacola and Perdido, 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. TP-00550 is the eastern most 1:20,000 scale sheet, covering the area of Santa Rosa Sound from Mary Esther to west of Upper Pritchard Long Point.

31. Delineation

All alongshore cultural features and interior planimetry on this map were delineated by graphic methods using rectified prints of the 1:50,000 scale panchromatic photography. This photography was controlled by map points, whose positions were determined by analytical aerotriangulation.

The MHW line and/or apparent shoreline was compiled from black and white infrared photography that was rectified to common detail delineated from the photography mentioned above.

The GCLW was rectified in the manner described above. No apparent difference between the GCLW and MHW lines could be seen at map scale, so the GCLW line was omitted.

32. Horizontal Control

Horizontal control was adequate. (See Photogrammetric Plot Report)

33. Supplemental Data

Two Tide Station sketches furnished by the Tide & Water Level Section.

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from office interpretation of the rectified infrared prints.

35. Shoreline and Alongshore Detail

(See Item 31) No unusual problems were encountered in compiling the MHW line or alongshore features.

36. Offshore Details

No unusual problems were encountered. Details restricted to shallow or shoal areas.

37. Landmarks and Aids

Ten landmarks and one nonfloating aid were located by aerotriangulation methods. Thirteen nonfloating aids to navigation were located photogrammetrically using the 1:20,000 scale color photography listed on Form 76-36B.

38. Control for Future Surveys - None

39. Junctions

Refer to Form 76-36B. Junction was made with TP-00334 and TP-00335 to the east and with TP-00499 to the west. There were no other contemporary surveys.

40. Horizontal and Vertical Accuracy

The map compiled with accuracy requirements for the Florida Coastal Mapping Program as outlined by Project Instructions PH-7000.

41. thru 45. - Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following 1:24,000 scale USGS quadrangles:

Mary Esther, Fla., dated 1970
Navarre, Fla., dated 1970

47. Comparison with Nautical Charts

Comparison was made with the following Nautical Charts:

11385 - July 1978, 1:40,000 scale
11382 - January 1979, 1:80,000 scale
11388 - February 1978, 1:80,000 scale

Items to be applied to charts immediately: None

Items to be carried forward: None

Submitted by,

for John A. Rector

Approved and Forwarded:

Frank Wright, Acting Chief
Coastal Mapping Section

FIELD EDIT REPORT TP-00550, JOB CM-7719

51. 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 and by truck.

One additional landmark is recommended for charting. Form 76-40 is submitted.

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: 7/3/79

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

REVIEW REPORT
TP-00550
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. Tumm
Acting 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-00550

Gulf of Mexico

Manatee Point

Mary Esther

Pirate Cove

Santa Rosa Island

Santa Rosa Sound

The Narrows

Upper Pritchard Long Point

Wynnehaven Beach

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

SVY TP-00550	RPT UNIT CMD, ROCKVILLE, MD.	PAGE 1 OF 6	
JOB CM7719	STATE FLORIDA		
PRJ 933205	LOCALITY SANTA ROSA SOUND	ORIGINATING ACTIVITY	
DTM NA1927	DATE 07/20/79	COMPILATION	

OBJECTS INSPECTED FROM SEAWARD POSITIONS DETERMINED AND/OR VERIFIED BY FIELD AND OFFICE ACTIVITIES		
J. DI MARE	PHOTO FIELD PARTY	
J. DI MARE	FIELD REPRESENTATIVE	
F. WRIGHT	OFFICE COMPILER	
A. BETHEA	DIGITIZER	
J. TAYLOR	DATA PROCESSER	

KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION

OFFICE

1. OFFICE IDENTIFIED AND LOCATED OBJECTS. THE NUMBER AND DATE (INCLUDING MONTH, DAY AND YEAR) OF THE PHOTOGRAPH USED TO IDENTIFY AND LOCATE THE OBJECT ARE SHOWN.
   EXAMPLE 75E(C)6042
   9-12-77

FIELD

1. NEW POSITION DETERMINED OR VERIFIED
   KEY TO SYMBOLS

F-FIELD	P-PHOTOGRAMMETRIC
L-LOCATED	VIS-VISUALLY
V-VERIFIED	
1-TRIANGULATION	5-FIELD IDENTIFIED
2-TRAVERSE	6-THEODOLITE
3-INTERSECTION	7-PLANETABLE
4-RESECTION	8-SEXTANT

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

*FIELD POSITIONS ARE DETERMINED BY FIELD OBSERVATIONS BASED ENTIRELY UPON GROUND SURVEY METHODS

FIELD(CONT,D)

   B. PHOTOGRAMMETRIC FIELD POSITIONS** SHOW THE METHOD OF LOCATION OR VERIFICATION, DATE OF FIELD WORK AND NUMBER OF PHOTOGRAPH USED TO LOCATE AND IDENTIFY THE OBJECT.
   EXAMPLE P-9-V
   9-12-77
   74L(C)2982

2. TRIANGULATION STATION RECOVERED
   WHEN A LANDMARK OR AID WHICH IS ALSO A TRIANGULATION STATION IS RECOVERED, A TRIANG. REC. WITH DATE OF RECOVERY IS SHOWN.
   EXAMPLE TRIANG. REC.
   9-12-76

3. POSITION VERIFIED VISUALLY ON PHOTOGRAPH SHOWN BY V-VIS AND DATE.
   EXAMPLE V-VIS
   9-12-75

**PHOTOGRAMMETRIC FIELD POSITIONS ARE DEPENDENT ENTIRELY, OR IN PART, UPON CONTROL 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.

SVY TP-00550	NONFLOATING AIDS FOR CHARTS TO BE CHARTED	RPT UNIT CMD, ROCKVILLE, MD.	PAGE 2 OF 6
JOB CM7719		STATE FLORIDA	
PRJ 933205		LOCALITY SANTA ROSA SOUND	ORIGINATING ACTIVITY
DTM NA1927		DATE 07/20/79	COMPILATION

THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	CMD DM DP	ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
	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.						
	SANTA ROSA SOUND						
-LIGHT 32		30 24 08.33 86 39 11.01	256.5 293.9		78EC7203 01/28/78		11385
-LIGHT 37		30 24 21.27 86 39 32.97	655.0 880.1		78EC7203 01/28/78		11385
-LIGHT 43		30 24 24.81 86 40 30.59	764.0 816.5		78EC7204 01/28/78		11385
-LIGHT 50		30 24 19.59 86 41 30.50	603.2 814.1		78EC7205 01/28/78		11385
-LIGHT 56		30 24 20.93 86 42 01.45	644.5 38.7		78EC7205 01/28/78		11385
-LIGHT 60		30 24 25.36 86 42 39.29	780.9 1048.7		78EP9221 04/15/78		11385
-LIGHT 66		30 24 30.31 86 43 14.20	933.3 379.0		78EC7207 01/28/78		11385

SVY TP-00550
JOB CM7719
PRJ 833205
DTM NA1927

NONFLOATING AIDS FOR CHARTS TO BE CHARTED

RPT UNIT CMD, ROCKVILLE, MD.
STATE FLORIDA
LOCALITY SANTA ROSA SOUND
DATE 07/20/79

ORIGINATING ACTIVITY
COMPILATION

THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
	SANTA ROSA SOUND						
-LIGHT 67		30 24 25.76 86 43 39.96	793.2 1039.9	79EC7207	01/28/78		11385
-LIGHT 71		30 24 11.77 86 44 05.02	362.4 134.0	79EC7207	01/28/78		11385
-LIGHT 74		30 24 04.93 86 44 36.51	151.8 974.6	79EC7208	01/28/78		11385
-LIGHT 75		30 24 01.30 86 45 21.61	40.0 576.9	79EC7208	01/28/78		11385
-LIGHT 78		30 23 55.18 86 45 49.19	1699.2 1313.1	79EC7208	01/28/78		11385
-LIGHT 80		30 23 49.21 86 47 39.38	1515.3 1051.2	79EC7183	01/28/78		11385
-LIGHT 81		30 23 53.33 86 48 48.14	1642.2 1285.1	79EC7184	01/28/78		11385

SVY TP-00550	LANDMARKS FOR CHARTS TO BE CHARTED	RPT UNIT CMD, ROCKVILLE, MD.	PAGE 4 OF 6
JOB CM7719		STATE FLORIDA	
PRJ 933205		LOCALITY SANTA ROSA SOUND	ORIGINATING ACTIVITY
DTM NA1927		DATE 07/20/79	COMPILATION

THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
RADAR DOME		30 23 48.93 86 39 09.12	1506.7 3.2		78EP9222 04/15/78	V-VIS 06/21/79	11385 11388
TANK		30 24 39.34 86 39 47.15	1211.4 1258.5		78EP9222 04/15/78	V-VIS 06/25/79	11385 11388
TOWER		30 24 01.33 86 41 58.85	41.0 1570.9		78EP9222 04/15/78	V-VIS 06/21/79	11385 11388
LKOUT TOWER		30 24 41.76 86 42 08.25	1285.9 220.2		78EP9222 04/15/78	V-VIS 06/25/79	11385
TANK	(TANK 9, 1956)	30 24 57.57 86 42 07.82	1772.8 208.7	NOT DGTZD		TRIANG REC 06/25/79	11385 11388
TANK		30 25 13.40 86 42 16.15	412.6 431.0		78EP9222 04/15/78	V-VIS 06/25/79	11385
TANK		30 25 19.95 86 41 52.53	614.3 1401.9		78EP9222 04/15/78	V-VIS 06/25/79	11385 11388
RADAR DOME		30 23 37.14 86 45 36.62	1143.7 977.6		78EP9221 04/15/78	V-VIS 06/21/79	11385 11388
TOWER		30 23 14.96 86 49 18.01	460.7 490.8		78EP9220 04/15/78	V-VIS 06/21/79	11382 11385
TANK		30 23 30.96 86 48 14.45	953.4 395.8		78EP9220 04/15/78	V-VIS 06/21/79	11382 11385

SVY TP-00550	LANDMARKS FOR CHARTS TO BE CHARTED	RPT UNIT CMD, ROCKVILLE, MD.	PAGE 5 OF 6
JOB CM7719		STATE FLORIDA	
PRJ 833205		LOCALITY SANTA ROSA SOUND	ORIGINATING ACTIVITY
DTM NA1927		DATE 07/20/79	COMPILATION

THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
STAND-PIPE		30 24 43.49 86 44 10.23	1339.9 273.0			P-5 06/25/79 79EP9222	11385

SVY TP-00550	LANDMARKS FOR CHARTS TO BE DELETED	RPT UNIT CMD, ROCKVILLE, MD.	PAGE 6 OF 6
JOB CM7719		STATE FLORIDA	
PRJ 933205		LOCALITY SANTA ROSA SOUND	ORIGINATING ACTIVITY
DTM NA1927		DATE 07/20/79	COMPILATION

THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	CMD DM DP	ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
TANK	DESTROYED	30 24 49.00 86 40 05.00	1479.1 133.5	NOT DGTZD			11385

FORM C&GS-8332
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. _____

INSTRUCTIONS

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

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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			Drawing No.