

NOAA FORM 76-35
(3-76)

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

DESCRIPTIVE REPORT

<i>Map No.</i> TP-00986	<i>Edition No.</i> 1
<i>Job No.</i> CM-7717	
<i>Map Classification</i> Final Field Edited	
<i>Type of Survey</i> Shoreline	
LOCALITY	
<i>State</i> Florida	
<i>General Locality</i> Manatee River	
<i>Locality</i> Rattlesnake Key to Palma Sola Park	
19 TO 1977	
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 ☒ ORIGINAL ☐ RESURVEY ☐ REVISED	
PHOTOGRAMMETRIC OFFICE Rockville, Md.		SURVEY TP. <u>00986</u> MAP EDITION NO. (1) MAP CLASS <u>Final field edited</u> JOB <u>XRCM-7717</u>	
OFFICER-IN-CHARGE Cmdr. J. Collins		LAST PRECEDING 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 December 1975 Office - 18 August 1975 Amendment I - 3 January 1978 Amendment II - 7 March 1978		Field Instructions - 27 December 1976 11 August 1977 Amendment - Field Edit Procedures 30 January 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 Transverse Mercator		4. GRID(S) STATE <u>Florida</u> ZONE <u>West</u>	
5. SCALE 1:10,000		STATE _____ ZONE _____	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: <u>Analytic</u>		<u>K. Baker</u>	<u>June 1978</u>
LANDMARKS AND AIDS BY		<u>N/A</u>	
2. CONTROL AND BRIDGE POINTS METHOD: <u>Coradomat</u>		<u>J. Taylor</u>	<u>Sept 1978</u>
PLOTTED BY		<u>N/A</u>	
3. STEREOSCOPIC INSTRUMENT COMPILATION		<u>N/A</u>	
PLANIMETRY BY		<u>N/A</u>	
INSTRUMENT:		<u>N/A</u>	
SCALE:		<u>N/A</u>	
4. MANUSCRIPT DELINEATION		<u>C. Lewis</u>	
METHOD: <u>Graphic</u>		<u>P. Dempsey</u>	
SCALE: <u>1:10,000</u>		<u>N/A</u>	
HYDRO SUPPORT DATA BY		<u>N/A</u>	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		<u>C. Lewis</u>	
6. APPLICATION OF FIELD EDIT DATA		<u>F. Wright</u>	
CHECKED BY		<u>C. Lewis</u>	
7. COMPILATION SECTION REVIEW		<u>F. Wright</u>	
8. FINAL REVIEW		<u>P. Dempsey</u>	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		<u>P. Dempsey</u>	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		<u>P. Dempsey</u>	
11. MAP REGISTERED - COASTAL SURVEY SECTION		<u>R. Kornspan</u>	

COMPILATION SOURCES

TP-00986

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8(E&K)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR		ZONE	☒ STANDARD
☐ PREDICTED TIDES		(P) PANCHROMATIC		MERIDIAN	☐ DAYLIGHT
☒ TIDE CONTROLLED PHOTOGRAPHY		(I) INFRARED		75th	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
77 E(C) 4096	13 Oct 77	0901	1:30,000	N/A Refer to 76-36 B(1) for tide information	
77 E(C) 4427 - 4430	14 Oct 77	0930	1:30,000		
77 E(C) 4465	14 Oct 77	1018	1:30,000		
77 E(C) 3705, 3706	9 Oct 77	1011	1:20,000		
77 E(C) 4324 - 4328	13 Oct 77	1358	1:20,000		
77 K(R) 0932, 0933	14 Oct 77	1350	1:30,000		
77 K(R) 0944	14 Oct 77	1406	1:30,000		
77 K(R) 0966 -0968	14 Oct 77	1430	1:30,000		
77 K(R) 0975, 0976	14 Oct 77	1447	1:30,000		

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the tide coordinated black and white infrared photography listed in item 1 above.

3. SOURCE OF ~~MEAN LOW WATER BY MEAN LOW LOW WATER LINE~~ Gulf Coast Low Water Line:

There is no GCLW line on this map. The infrared photography available at the time of compilation did not meet accuracy standards.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
TP-00984	TP-00987	TP-00989	TP-00985

REMARKS

Final junctions were made in the Coastal Mapping Section.

TIDE - COORDINATED PHOTOGRAPHY

TP - 00986

LOCATION AND PHOTOGRAPHY	TIDE STATIONS <i>(In operation at time of photography)</i>	STAGE OF TIDE	MEAN RANGE
77 KR 0932, 0933 77 KR 0944 77 KR 0966-0968 77 KR 0975, 0976	Bradenton Bradenton Bradenton Bradenton	HW -0.11 HW -0.06 HW -0.10 HW -0.20	

REMARKS:

HISTORY OF FIELD OPERATIONS TP-00986

- 1.
- ☐
- 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 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	J.D. Di Mare 2/79
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	J.D. Di Mare 2/79
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N/A

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)

77E4096; 77E4427, 4428, 4430, 4465

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)

RECORD OF SURVEY USE

TP-00986

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class I		Chart Maintenance Print	Nov 1979	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
4		7/12/79	Digitized 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 Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:
Tide data
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	

Joins Job CM-7715

27°33'45"
PASSAGE KEY
27°33'00"

TP-00985

TP-00986

TP-00987

TP-00988

TP-00989

TP-00990

TP-00992

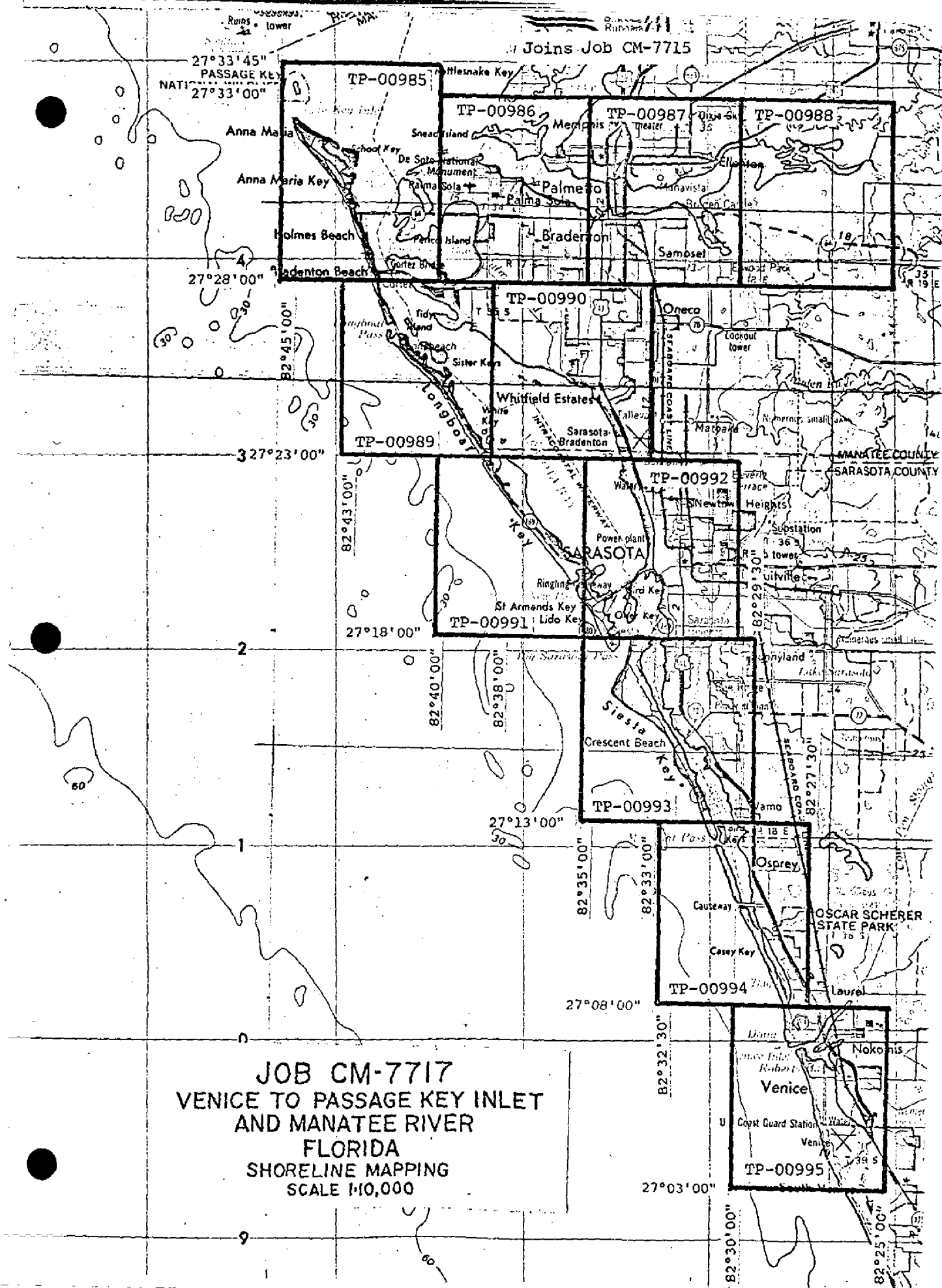
TP-00991

TP-00993

TP-00994

TP-00995

JOB CM-7717
VENICE TO PASSAGE KEY INLET
AND MANATEE RIVER
FLORIDA
SHORELINE MAPPING
SCALE 1:10,000



SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT

Coast Zone Map TP-00986 is one of eleven 1:10,000 scale maps in project CM-7717. 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-7717 shows the location of the individual maps from Venice to Passage Key Inlet, Florida. A copy of the layout is included in this Descriptive Report.

Field operations consisted of premarking horizontal control, photographing the area, establishing tidal datums, and performing field edit.

Compilation photography was taken with the Wild RC-8-E camera which consisted of 1:20,000 and 1:30,000 scale color photographs taken in October 1977. This photography was used to set stereo models, to delineate cultural features, and to locate landmarks and aids to navigation. The shoreline was compiled using 1:30,000 scale black and white infrared MHW and GCLW photography taken with the Wild RC-8-K camera in October 1977.

The Aerotriangulation Unit in Rockville, Maryland bridged two strips of 1:60,000 scale photography and one strip of 1:30,000 scale photography using analytic aerotriangulation methods.

Compilation was accomplished in the Coastal Mapping Unit, Rockville, Maryland using graphic methods.

Field edit was completed in March 1979. All known landmarks and aids to navigation were located or the compilation verified.

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 February 1985. This map meets the requirements for National Standards for Map Accuracy.

Photogrammetric Plot Report
Venice to Passage Key Inlet and Manatee River

CM-7717

June, 1978

Area Covered

The area covered by this report is from Venice, Florida, north to Passage Key Inlet, just south of Tampa Bay. It extends eastward down the Manatee River. The area falls on Nautical Chart 11425.

Method

Three strips, two bridging at 1:60,000, and one compilation at 30,000, were measured by analytic aerotriangulation methods. The three strips of photography were controlled by field and office identified control. The 1:30,000 strip was bridged due to a need for eastward photo coverage.

Tie points were used on all strips to insure an adequate junction during strip adjustments. Tie points from Strip 8(1:60,000) were used to control Strip 30 (1:30,000), due to lack of field identified stations in that area.

Compilation photography was 1:30,000 scale, and compilation points were drilled by Compilation Section.

Adequacy of Control

There was a lack of field identified control in the area of Strip 30. The station, Whitfield Estates Tank, was difficult to locate, identify and measure. The field men used stations such as driveway intersections, trees because there were few places to place panels. This type of point is not very accurate at 1:60,000. The lack of panels and the poor quality of the other stations had a definite influence on the residual error in the strip adjustments.

Supplemental Data

USGS quadrangles were used to provide vertical control for the strip adjustments. Nautical charts were used to help identify aids to navigation and landmarks.

Photogrammetric Plot Report
Venice to Passage Key Inlet and Manatee River
CM-7717
Page 2

Photography

The coverage and quality of the photography were adequate for the job. The end lap on Strip 9(1:60,000), due to crab, was minimal and made measuring pass points on that strip difficult.

Approved and Forwarded By:

Don O. Norman

Don O. Norman

Submitted by:

Karin H. Baker

Karin H. Baker

CONTROL USED IN STRIP ADJUSTMENTS

STRIP 9

ERROR

X

Y

501100
528101
505101

-.463
-1.363
.276

.017
1.167
-.245

STRIP 8

505803
514101
515100
518101
523102

-3.089
5.103
.896
-4.085
1.178

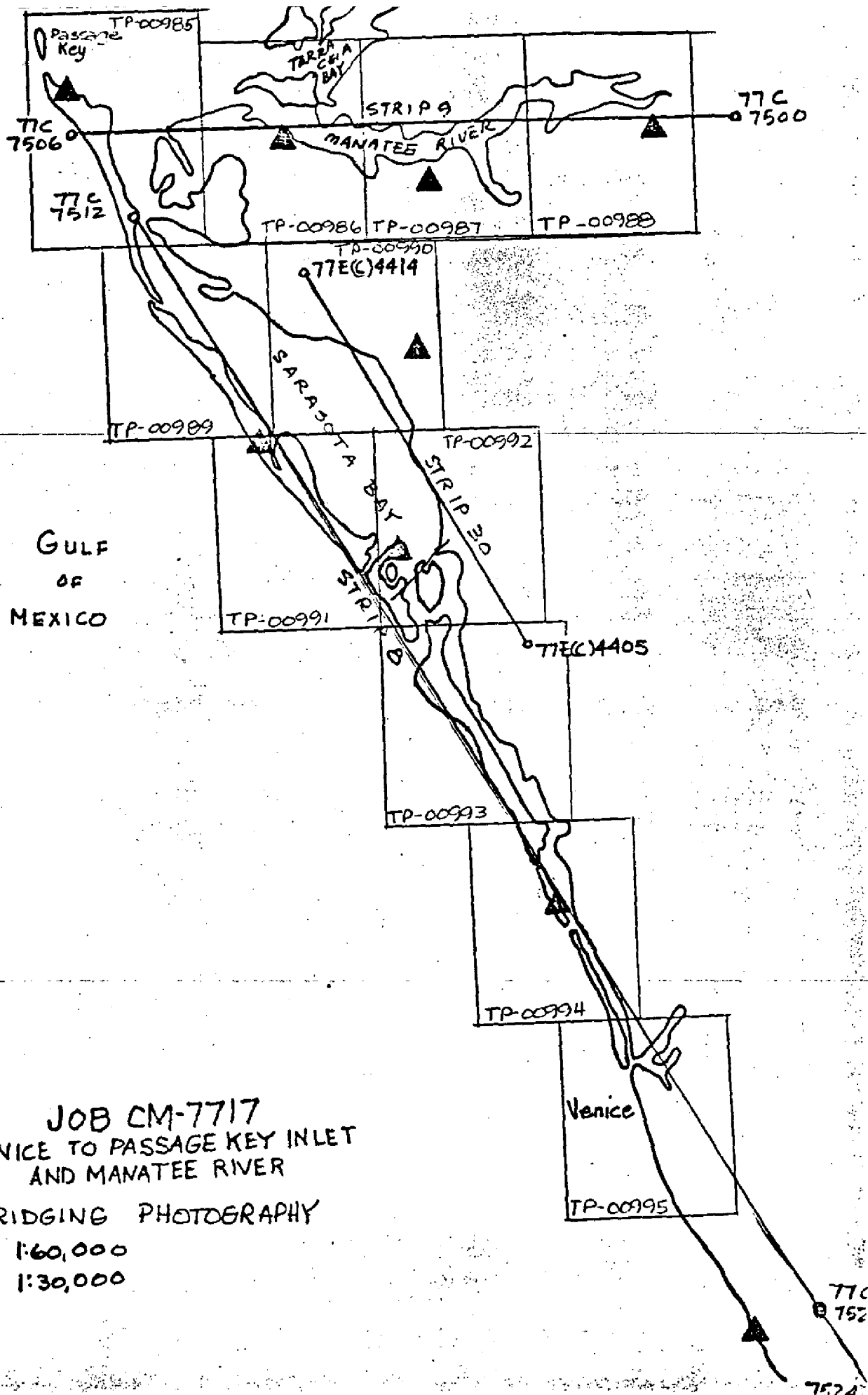
-1.499
1.058
2.392
-2.435
.480

STRIP 30

517801
516801
407110
409174
515801
514801
513802

.501
-4.413
3.505
4.077
-1.310
-3.688
1.328

-.144
-3.387
4.966
3.828
-3.637
-4.111
2.486

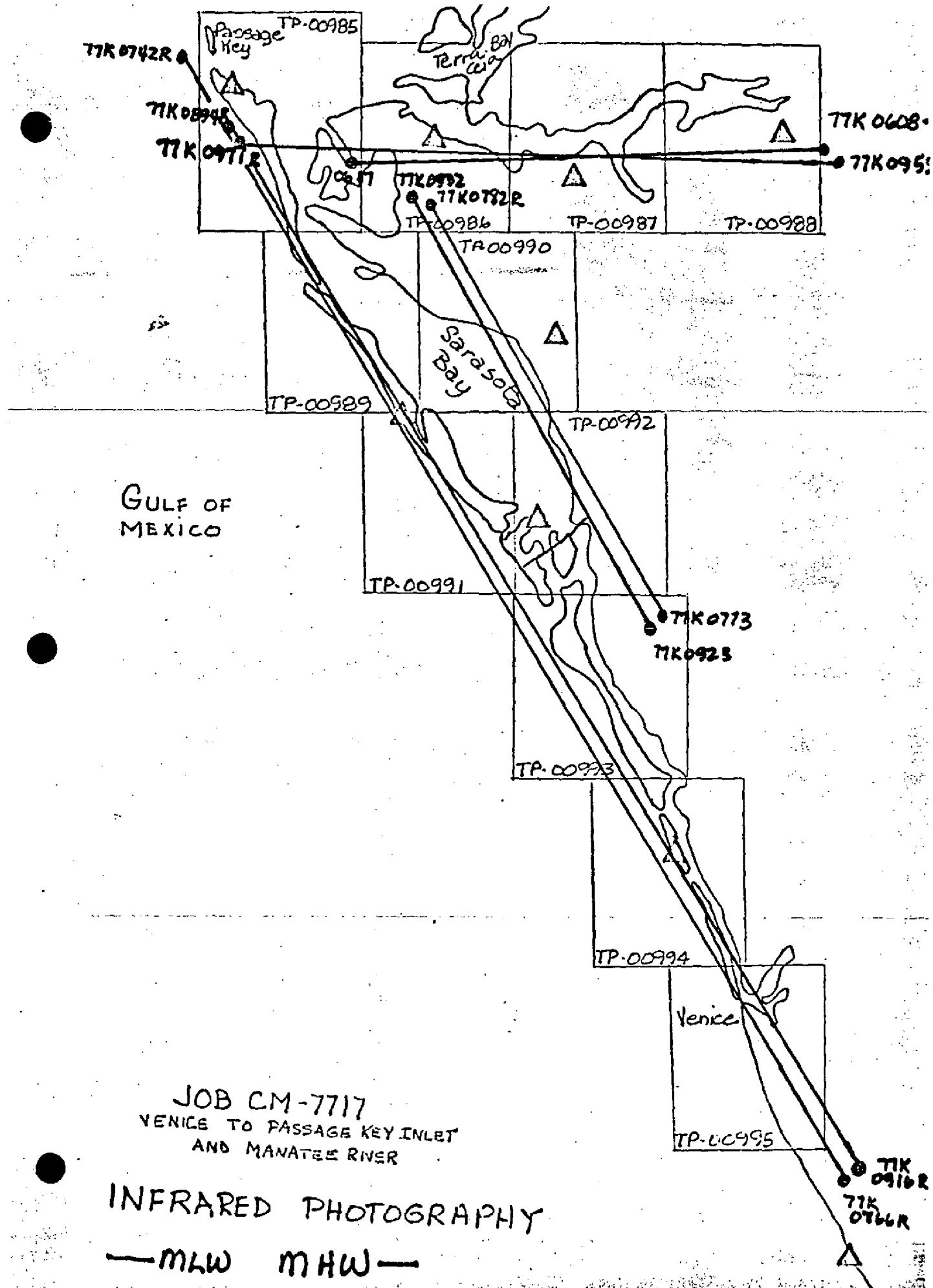


JOB CM-7717
 VENICE TO PASSAGE KEY INLET
 AND MANATEE RIVER

BRIDGING PHOTOGRAPHY

1:60,000

1:30,000



Compilation Report

TP-00986

January 1979

31. Delineation

All features were delineated by graphic compilation. The rectified prints of the color photography were controlled by map points determined by aerotriangulation and were used for compiling interior features and cultural shoreline. Color contact prints were used as a guide for clarifying map detail. The MHW line was compiled from office interpretation of the ratio tide coordinated black and white infrared photography which was controlled by common detail compiled from the rectified prints of the color photography. A field edit will be made to validate interpretation and symbolization of features.

32. Horizontal Control

Horizontal Control was adequate. (See Photogrammetric Plot Report)

33. Supplemental Data

Three tide station sketches.

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from office interpretation of the tide coordinated black and white infrared ratio photography.

35. Shoreline and Alongshore Detail

Office interpretation of the tide coordinated black and white infrared photography was adequate for delineating the MHWL and alongshore detail. The GCLW tide coordinated black and white infrared photography available at the time of compilation did not meet the accuracy standards.

36. Offshore Details

No unusual problems were encountered.

37. Landmarks and Aids

With the exception of the landmarks and aids that have triangulation positions the landmarks and aids shown are those located photogrammetrically during bridging or compilation only.

38. Control for Future Surveys - None

39. Junctions

Refer to Form 76-36B

40. Horizontal and Vertical Accuracy

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

41. thru 45. Inapplicable.

46. Comparison with Existing Maps

Comparison was made with the following USGS 7.5 minute topo quads:

Anna Maria, Fla. 1964 (Revised 1969)
Bradenton, Fla. 1964 "
Bradenton Beach, Fla. 1964 (Revised 1969)
Palmetto, Fla. 1964 "

No significant differences were noted.

47. Comparison with Nautical Charts

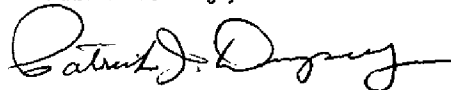
Comparison was made with the following Nautical Charts:

11414 23rd Ed., May 13, 1978
11425 17th Ed., July 15, 1978

Items to be applied to Nautical Charts immediately: None

Items to be carried forward: None

Submitted by,



Paul J. Dwyer
For: C. F. Lewis

Approved and Forwarded:



For: F.A. Wright
Acting Chief, Coastal
Mapping Section

FIELD EDIT REPORT TP-00986, JOB CM-7717

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.

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: 2/20/79

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

REVIEW REPORT

FEBRUARY 1985

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:


Chief, Photogrammetric Section
Chief, Photogrammetry Branch

September 15, 1979

GEOGRAPHIC NAMES

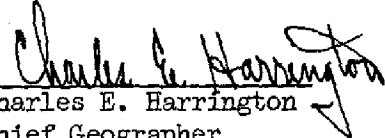
FINAL NAME SHEET

CM-7717 (Venice to Passage Key Inlet, Florida)

TP-00986

Bishop Point	Palma Sola
Bradenton	Palma Sola Bay
Champlain Bayou	Palma Sola Creek
Clambar Bayou	Palma Sola Park
Desoto National Memorial	Palmetto
Desoto Point	Perico Bayou
Emerson Bayou	Rattlesnake Key
Emerson Point	Snead Island
Fogarty Point	Snead Island Cutoff
Gus Point	Tampa Bay
Hooker Point	Terra Ceia Bay
Little Bird Key	Terra Ceia Point
Manatee River	Terra Mana
McKay Point	Warner East Bayou
McLewis Bayou	Warner West Bayou
McNeil Point	

Approved by:


Charles E. Harrington
Chief Geographer

DISSEMINATION OF PROJECT MATERIAL

CM-7717

VENICE TO PASSAGE KEY INLET

National Archives/Federal Records Center

Job Completion Report

Brown Jacket:

Field Photographs

Discrepancy Prints

Photogrammetric Plot Report

Tide Data

Control Station Identification Cards

Bureau Archives

Registered Map

Descriptive Report

Reproduction Division

8x Reduction Negative of Map

Office of Staff Geographer

Geographic Names Standard

76-40 PHOTOGRAMMETRIC BRANCH NATIONAL OCEAN SURVEY NOAA DATATAB
LISTING COASTAL MAPPING DIVISION DEPARTMENT OF COMMERCE USA VERSION 782707

* SVY TP00986 * RPT UNIT CMD, ROCKVILLE, MD. * PAGE 1 OF 4
* JOB CM7717 * STATE FLORIDA
* PRJ 833205 * LOCALITY BRADENTON *ORIGINATING ACTIVITY
* QTM NA1927 * DATE 04/29/79 * COMPILATION

* OBJECTS INSPECTED FROM SEAWARD * JOSEPH DI WARE * PHOTO FIELD PARTY
* POSITIONS DETERMINED * JOSEPH DI WARE * FIELD REPRESENTATIVE
* AND/OR VERIFIED BY * FRANK A. WRIGHT * OFFICE COMPILER
* FIELD AND OFFICE * ALFRED BETHEA * DIGITIZER
* ACTIVITIES * JAMES H. TAYLOR * DATA PROCESSER

* KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION

* OFFICE * FIELD(CONT,D)
* 1.OFFICE IDENTIFIED AND LOCATED OBJECTS. * B.PHOTOGRAMMETRIC FIELD POSITIONS** SHOW
* THE NUMBER AND DATE (INCLUDING MONTH, DAY * THE METHOD OF LOCATION OR VERIFICATION,
* AND YEAR) OF THE PHOTOGRAPH USED TO * DATE OF FIELD WORK AND NUMBER OF PHOTO-
* IDENTIFY AND LOCATE THE OBJECT ARE SHOWN. * GRAPH USED TO LOCATE AND IDENTIFY THE
* EXAMPLE 75E(C)6042 * OBJECT.
* 8-12-77 * EXAMPLE P-8-V
* * 8-12-77
* * 74L(C)2982

* FIELD

* 1.NEW POSITION DETERMINED OR VERIFIED

* KEY TO SYMBOLS

* F-FIELD P-PHOTOGRAMMETRIC

* L-LOCATED VIS-VISUALLY

* V-VERIFIED 5-FIELD IDENTIFIED

* 1-TRIANGULATION 6-THEODOLITE

* 2-TRAVERSE 7-PLANETABLE

* 3-INTERSECTION 8-SEXTANT

* 4-RESECTION

* A.FIELD POSITIONS* SHOW THE METHOD OF LOCATION AND DATE OF FIELD WORK.
* EXAMPLE F-2-6-L
* 8-12-76

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

* 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.
* 8-12-76

* 3.POSITION VERIFIED VISUALLY ON PHOTOGRAPH SHOWN BY 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.

* 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
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

* SVY TP00986 * RPT UNIT CMD, ROCKVILLE, MD. * PAGE 2 OF 4 *
 * JOB CM7717 * STATE FLORIDA *
 * PRJ 833205 * LOCALITY BRADENTON * ORIGINATING ACTIVITY *
 * DTM NA1927 * DATE 04/29/79 * COMPILATION *
 * 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 * CHARTS *
 * NAME * PUT TRIANGULATION NAMES IN () * LATITUDE DM ALTEK* OF LOCATION * FIELD *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. * * *

* * * * *
 * MANATEE RIVER * * *
 * * * * *
 * -RGE R * CUT A RANGE REAR LIGHT * 27 31 56.93 1752.3 *77E4465 * * *
 * LIGHT * 82 39 59.42 1630.5 * 10/14/77 * * 11425 *
 * * * * *
 * -RGE F * CUT C RANGE FRONT LIGHT * 27 31 54.86 1688.6 *77E4465 * * 11425 *
 * LIGHT * 82 39 46.27 1269.7 * 10/14/77 * * *
 * * * * *
 * -RGE R * CUT C RANGE REAR LIGHT * 27 31 56.93 1752.3 *77E4465 * * *
 * LIGHT * 82 39 59.42 1630.5 * 10/14/77 * * 11425 *
 * * * * *
 * -LIGHT * 27 31 48.87 1504.2 *77E4465 * * *
 * 7 * 82 39 03.04 83.4 * 10/14/77 * * 11425 *
 * * * * *
 * -LIGHT * 27 31 01.84 56.6 *77E4429 * * *
 * 14 * 82 37 08.76 240.4 * 10/14/77 * * 11425 *
 * * * * *
 * -LIGHT * 27 30 44.21 1360.8 *77E4429 * * *
 * 15 * 82 36 31.01 851.1 * 10/14/77 * * 11425 *
 * * * * *
 * * * * *

