

TP 00086

TP 00086

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-00086	<i>Edition No.</i> 1
<i>Job No.</i> CM-7808	
<i>Map Classification</i> Final Field Edited	
<i>Type of Survey</i> Shoreline	
LOCALITY	
<i>State</i> Florida	
<i>General Locality</i> Manasota Key	
<i>Locality</i> Lemon Bay	
19 TO 19 80	
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>00086</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>XPH CM-7808</u>	
OFFICER-IN-CHARGE Cmdr. W. Simmons		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 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 Transverse Mercator		4. GRID(S) STATE <u>Florida</u> ZONE <u>West</u>	
5. SCALE 1:20,000		STATE _____ ZONE _____	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		<u>B. Thornton</u> <u>N/A</u>	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Calcomp</u> CHECKED BY		<u>J. Taylor</u> <u>N/A</u>	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY		<u>N/A</u> <u>N/A</u>	
INSTRUMENT: _____ CONTOURS BY SCALE: _____ CHECKED BY		<u>N/A</u> <u>N/A</u>	
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: <u>Graphic</u> CHECKED BY		<u>E. Allen</u> <u>C. Lewis</u>	
SCALE: <u>1:20,000</u> HYDRO SUPPORT DATA BY CHECKED BY		<u>N/A</u> <u>N/A</u>	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		<u>D. Brant</u>	
6. APPLICATION OF FIELD EDIT DATA BY		<u>F. Wright</u>	
CHECKED BY		<u>C. Lewis</u>	
7. COMPILATION SECTION REVIEW BY		<u>C. Lewis</u>	
8. FINAL REVIEW BY		<u>P. Dempsey</u>	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		<u>P. Dempsey</u>	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		<u>P. Dempsey</u>	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		<u>E. DAUGHERTY</u>	

COMPILATION SOURCES

TP-00086

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE ☒ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☐ TIDE CONTROLLED PHOTOGRAPHY				ZONE Eastern	☒ STANDARD
				MERIDIAN 75th	☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
78 BP 8442-8446	12 Nov 78	1049	1:60,000	Refer to 76-36B(1) for tide information	
78 BP 8431-8433	12 Nov 78	1029	1:60,000		
78 CR 6554, 56, 58, 60, 62	12 Nov 78	1135	1:60,000		

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 MHW line was obscured by vegetation such as mangrove, the apparent shoreline was shown.

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

No Gulf Coast low water photography available for this map.

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
CM-7816 TP-00995	TP-00087	TP-00089	No Survey

REMARKS

Final junctions are made by 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 - 00086

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
78 CR 6554, 56, 58, 6560, 62	Lemon Bay	-0.9 MHW Inside	
78 CR 6554, 56, 58, 6560, 62	Venice	-0.1 MHW Outside	

REMARKS:

The above tide values are from predicted tides.

HISTORY OF FIELD OPERATIONS TF-00086

I. ☐ 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	Feb. 1980
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	Feb. 1980
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-BP-8432; 8443; 8445; 8446

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
78-BP-8445	RADIO TOWER		

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)

1 page of sextant cuts

RECORD OF SURVEY USE

TP-00086

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class I		Chart Maintenance	8/20/80	

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		9/18/80	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 76-40 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)

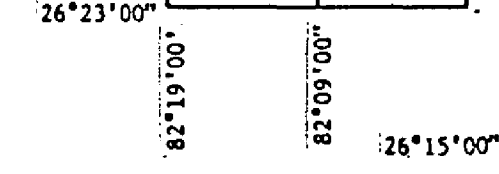
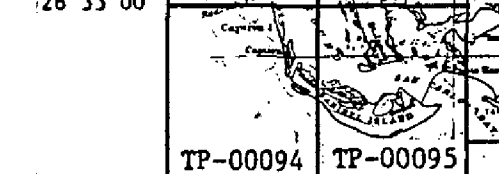
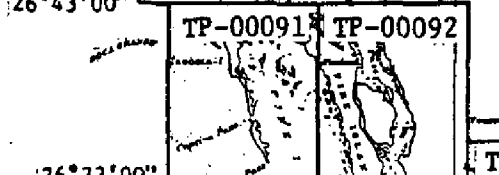
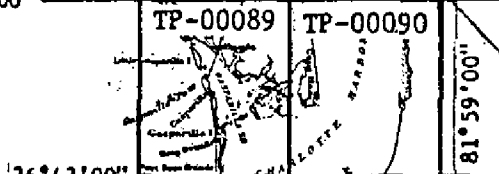
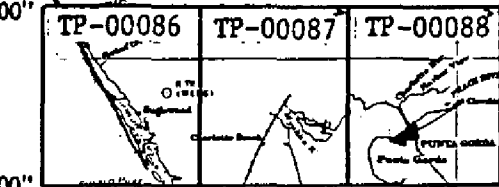
SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

Joins Job CM-7717

82°27'30"
82°21'00"
82°17'00"
82°11'00"
82°07'00"
82°01'00"
81°57'00"

27°03'00"

26°53'00"



CM-7808
EVERGLADES CITY TO VENICE
FLORIDA
SHORELINE MAPPING
SCALE 1"=20,000

81°59'00"
81°56'30"
81°49'00"
81°45'00"

26°45'00"

26°35'00"

26°25'00"

26°15'00"

26°05'00"

25°55'00"

25°49'30"

25°45'00"

81°56'00"

81°46'00"

81°43'00"

81°36'00"

81°33'00"

81°30'00"

81°27'00"

81°24'00"

81°21'00"

81°18'00"

81°15'00"

81°12'00"

81°09'00"

81°06'00"

81°03'00"

81°00'00"

80°57'00"

80°54'00"

80°51'00"

80°48'00"

80°45'00"

80°42'00"

80°39'00"

80°36'00"

80°33'00"

80°30'00"

80°27'00"

80°24'00"

80°21'00"

80°18'00"

80°15'00"

80°12'00"

80°09'00"

80°06'00"

80°03'00"

80°00'00"

80°57'00"

80°54'00"

80°51'00"

80°48'00"

80°45'00"

80°42'00"

80°39'00"

80°36'00"

80°33'00"

80°30'00"

80°27'00"

80°24'00"

80°21'00"

80°18'00"

80°15'00"

80°12'00"

80°09'00"

80°06'00"

80°03'00"

80°00'00"

79°57'00"

79°54'00"

79°51'00"

79°48'00"

79°45'00"

79°42'00"

79°39'00"

79°36'00"

79°33'00"

79°30'00"

79°27'00"

79°24'00"

79°21'00"

79°18'00"

79°15'00"

79°12'00"

7

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT

Coastal Zone Map TP-00086 is one of seventeen 1:20,000 scale maps in project CM-7808. 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-7808 shows the location of the individual maps from Everglades City to Venice, 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-10-B & C cameras which consisted of 1:60,000 Scale photographs taken in November, 1978 and March, 1979 and the Wild RC-8-E camera with 1:20,000 scale color photographs taken in October and November, 1978. 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 1:60,000 scale black and white infrared MHW photography taken with the Wild RC-10-C camera in November 1978 and March 1979 and 1:35,000 scale color GCLW photography taken with the Wild RC-8-E camera in November 1978.

The Aerotriangulation Unit in Rockville, Maryland bridged nine strips of 1:60,000 scale photography using aerotriangulation methods.

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

Field edit was completed in February 1980. All known landmarks and aids to navigation were located and 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 April 1985. This map meets the requirements for National Standards for Map Accuracy.

Photogrammetric Plot Report
Everglades City to Venice, Florida
CM-7808

21. Area Covered

The area covered by this report extends from Horse and Chrise Pt. down to Rabbit Key which is below Everglades City. This area is covered by 17 sheets at a scale of 1:20,000 (TP-0086 to TP-00102).

22. Method

Nine strips of 1:60,000 scale black and white photography were bridged by analytic aerotriangulation methods. The strips of bridging photography were controlled by field identified control. Tie points were used in all strips to insure an adequate junction of all strips during the strip adjustments. Ratio photos of compilation photography were ordered.

23. Adequacy of Control

Control checked well within map accuracy standards and is more than sufficient for its intended use. One exception was point 449100 (Hurry, 1955), which was located on Strips 3 and 5. This point has apparently been moved between the time of flights from 11/78 to 3/79.

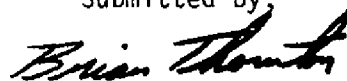
24. Supplemental Data

USGS quadrangles were used to provide vertical control for the adjustment.

25. Photography

The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by,



Brian Thornton

Approved and Forwarded:



Don Norman
Chief, Aerotriangulation Section

Accuracy of Control
CM-7808

<u>Strip 1</u>	<u>Station</u>	x	Error y
	354100	-.001	-.001
	357101	.001	.001
	364101	-.010	-.008
<u>Strip 2</u>			
	427101	.001	-.001
	429101	.002	-.001
	434100	-.011	.007
<u>Strip 3</u> (Part 1)			
	434100	-.358	-.943
	433801	.971	1.514
	447101	-1.549	-.752
	450161	.936	.179
<u>Strip 3</u> (Part 2)			
	450101	-.499	-.729
	453100	2.621	.061
	454101	-2.690	-.316
	364101	.567	.985
<u>Strip 4</u>			
	453100	-.152	-.365
	468101	.106	1.228
	427101	-.180	-1.157
	475101	.229	.313
<u>Strip 5</u>			
	944803	-.504	.703
	945802	.222	-1.519
	429801	.570	1.290
	429101	-.288	-.473

Strip 6

450101	-.594	.178
453100	1.202	-.105
886100	.385	.107
833101	-.989	-.183

Strip 7
(Part 1)

923100	-.003	-.004
894100	.011	.007
929101	1.672	-2.016
929102	-1.680	2.018

Strip 7
(Part 2)

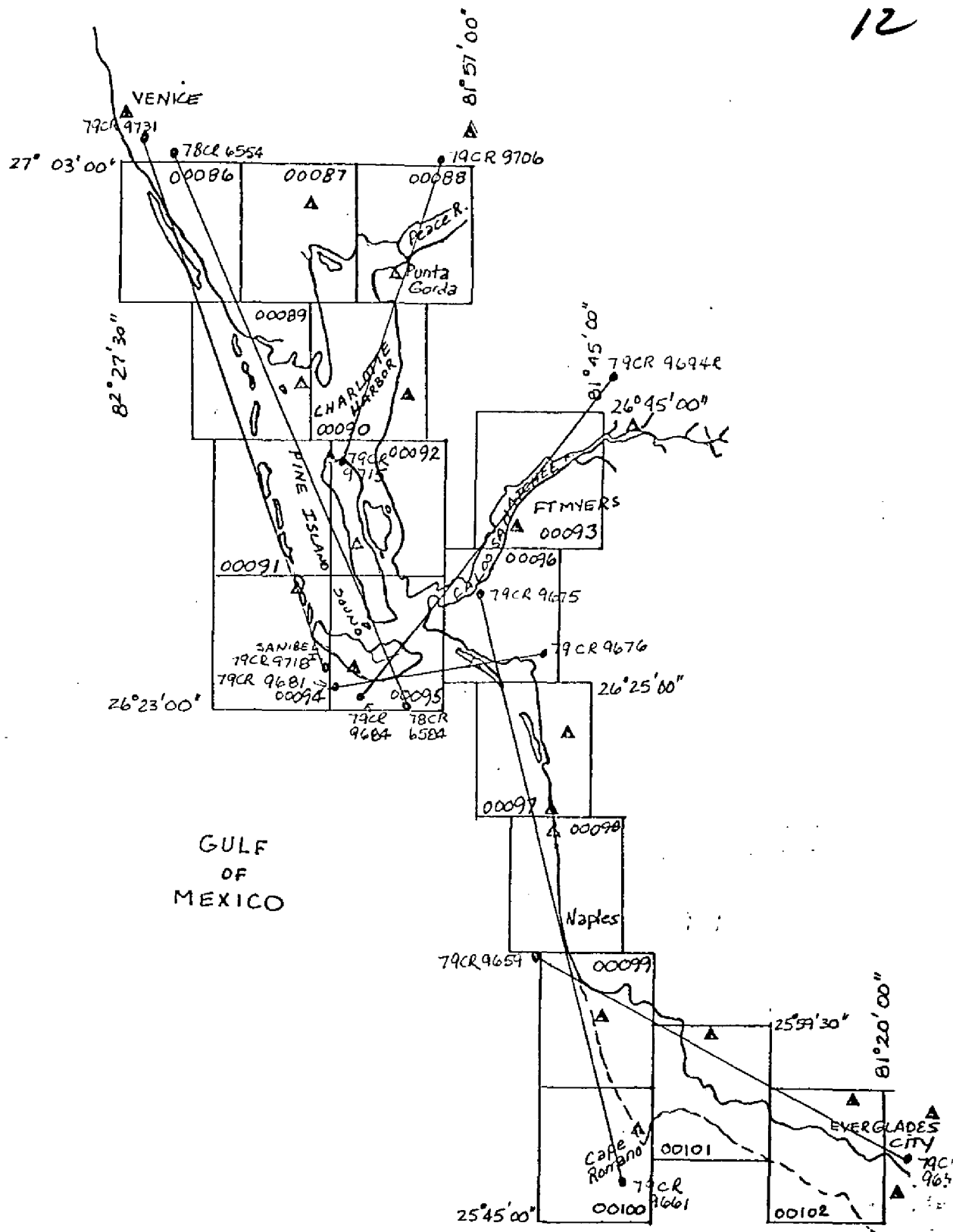
930101	-1.275	.156
886100	3.121	.402
885803	-2.103	-.596
357101	.258	.038

Strip 8

894100	.824	1.078
897100	-2.571	-1.962
900123	-.675	.940
903100	1.506	-3.505

Strip 9

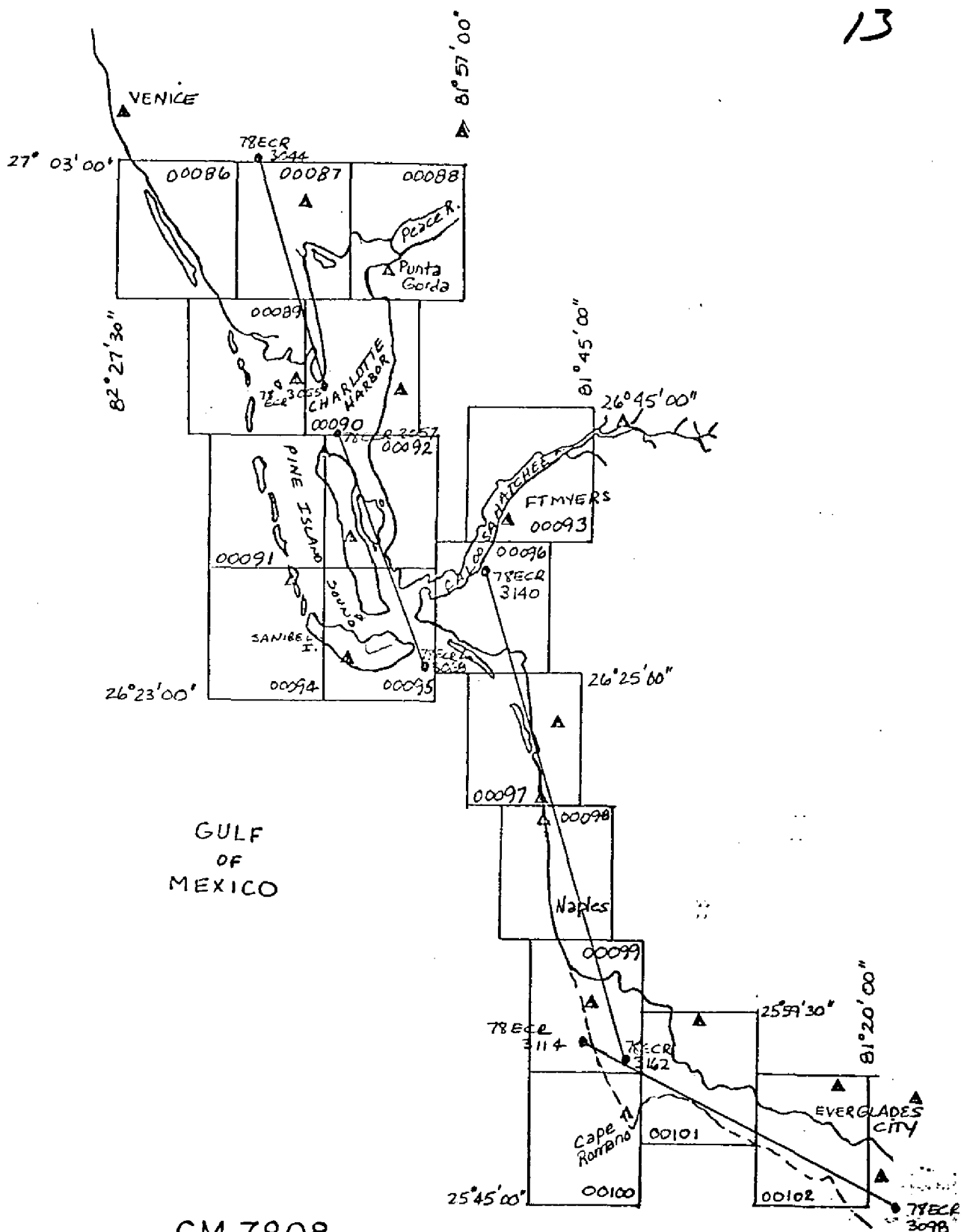
909100	-.105	-.656
914801	-.264	3.452
896802	.015	-4.492
894100	.352	1.697



CM-7808
EVERGLADES CITY TO VENICE
FLORIDA

INFRARED PHOTOGRAPHY

M.H.W.
B+W
1:60,000



CM-7808
EVERGLADES CITY TO VENICE
FLORIDA

INFRARED PHOTOGRAPHY

MLW
COLOR 135,000

Compilation Report

TP-00086

September 1979

31. Delineation

All alongshore features and interior planimetry on this map were delineated by graphic compilation using rectified black and white 1:60,000 scale panchromatic photography. This photography was controlled by map points determined by Aerotriangulation Section.

The MHWL was compiled from office interpretation of the enlarged black and white infrared photography.

No GCLW low water photography was available for this map.

32. Horizontal Control

Horizontal control was adequate. (See Photogrammetric Plot Report)

33. Supplemental Data

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

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from office interpretation of black and white infrared ratio photos. Drainage ditches are not shown.

35. Shoreline and Alongshore Detail

Office interpretation of the black and white infrared ratio photos was adequate for delineating the MHW line.

36. Offshore Detail

No offshore detail was delineated.

37. Landmarks and Aids

Three landmarks were located during bridging and compilation of this map.

Ten non-floating aids to navigation were located by the aerotriangulation section.

38. Control for Future Surveys - None

39. Junctions

Junction was made to the north with CM-7816 (TP-00995) and to the south with TP-00089; to the east with TP-00087. No junction was applicable to the west.

40. Horizontal and Vertical Accuracy

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

41. through 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with 7.5 minutes Geological Survey quads:

Venice, Florida
Englewood, Florida
Englewood N.W., Florida
Myakka River, Florida

47. Comparison with Nautical Charts

Chart 11425 - Charlotte Harbor to Tampa Bay, Fla., 1:40,000
18th Edition, June 9/79

Chart 11426 - Esters Bay to Lemon Bay, Fla., 1:80,000
22nd Edition, March 31/79

Submitted by,



E. D. Allen

Approved and Forwarded:



F. Wright
Chief, Coastal Mapping Section

FIELD EDIT REPORT TP-00086, JOB CM-780851. 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, by truck and by walking where necessary.

One Radio Tower requested to be located was located on photo 78Br0445.

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: 2/8/80

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

REVIEW REPORT

APRIL 1985

61. General Statement

Refer to the Summary bound with this Descriptive Report.

62. Comparison with Registered Topographic Surveys - None63. Comparison with Maps of Other Agencies

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

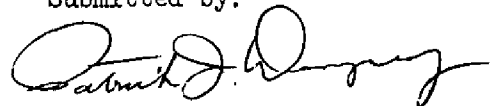
64. Comparison with Contemporary Hydrographic Surveys - None65. Comparison with Nautical Charts

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



Ronald K. Brewer
Chief, Photogrammetry Branch

August 1, 1978

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GEOGRAPHIC NAMES

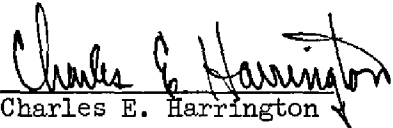
FINAL NAME SHEET

Everglades City to Venice, Florida

TP-00086

Alligator Creek	Manasota Beach
Buchan Landing Field	Manasota Key
Buck Creek	Myakka River
Caspersen Beach	New Point Comfort
Cedar Point	Oyster Creek
Englewood	Peterson Cut
Englewood Beach	Peterson Island
Englewood Beach (Ppl)	Point of Pines
Forked Creek	Redfish Cove
Godfrey Creek	Rock Creek
Grove City	Rotunda
Gulf of Mexico	South Venice
Knight Island	Stump Pass
Knight Pass	Thornton Key
Lemon Bay	Whidden Key
Manasota	

Approved by:


Charles E. Harrington
Chief Geographer

DISSEMINATION OF PROJECT MATERIAL

CM-7808

EVERGLADES CITY TO VENICE, FLORIDA

National Archives/Federal Records Center

Job Completion Report

Brown Jacket:

Field Photographs

Discrepancy Prints

Photogrammetric Plot Report

Tide Data

NOAA Forms 76-40

NOAA Form 76-109

Three ring binder containing Control

Identification Cards and Field

Computations

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
LISTING PHOTOGRAMMETRY DIVISION DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
782707

* SVY	* IP-0C086	* RPT UNIT	* CMD, ROCKVILLE, MD.	* PAGE	* 2 OF 4	* *
* JOB	* CM78C8	* NONFLOATING AIDS FOR CHARTS	* STATE FLORIDA	* *	* *	* *
* PRJ	* 8332C5	* TO BE CHARTED	* LOCALITY MANASOTA BAY	* ORIGINATING ACTIVITY*	* *	* *
* DTM	* NA1927	* DATE 02/11/80	* *	* 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	* *	* *
* NAME *	* PUT TRIANGULATION NAMES IN () *	* LATITUDE	* DM	* ALTEK* OF LOCATION	* CHARTS	* *
		* LONGITUDE	* DP	* DGTZD* OFFICE *	* FIELD	* AFFECTED*
* BRIDGING OR COMPILATION ARE SHOWN ON THIS MAP. *						
* ONLY THOSE NONFLOATING AIDS AND LANDMARKS TO NAVIGATION * *						
* THAT WERE VISIBLE ON THE PHOTOGRAPHY AND LOCATED DURING * *						
* LEMON BAY CHANNEL * *						
* -LIGHT *	* 26 53 03.63	111.7	* 78BP8446 *	* *	* 11425 *	* *
* 11 *	* 82 19 21.65	597.5	* 11/12/78 *	* *	* 11426 *	* *
* -LIGHT *	* 26 53 37.64	1158.4	* 78BP8446 *	* *	* 11425 *	* *
* 14 *	* 82 19 21.11	582.6	* 11/12/78 *	* *	* 11426 *	* *
* -LIGHT *	* 26 54 50.56	1556.1	* 78BP8445 *	* *	* 11425 *	* *
* 19A *	* 82 20 18.67	515.1	* 11/12/78 *	* *	* 11426 *	* *
* -LIGHT *	* 26 57 20.07	617.7	* 78BP8445 *	* *	* 11425 *	* *
* 27 *	* 82 22 09.93	273.9	* 11/12/78 *	* *	* 11426 *	* *
* -LIGHT *	* 26 58 39.22	1207.1	* 78BP8444 *	* *	* 11425 *	* *
* 32 *	* 82 23 06.33	174.6	* 11/12/78 *	* *	* 11426 *	* *
* -LIGHT *	* 26 59 08.76	269.6	* 78BP8444 *	* *	* 11425 *	* *
* 37 *	* 82 23 37.17	1025.0	* 11/12/78 *	* *	* 11426 *	* *
* -LIGHT *	* 26 59 50.19	1544.7	* 78BP8444 *	* *	* 11425 *	* *
* 39 *	* 82 24 07.89	217.5	* 11/12/78 *	* *	* 11426 *	* *

76-450

PHOTOGRAMMETRIC BRANCH
PHOTOGRAMMETRY DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATA TAB
VERSION
782707

LISTING

SVY	TP-DC086	*	*
JOB	CM78C8	*	*
PRJ	8332C5	*	*
DTM	NA1927	*	*

LANDMARKS FOR CHARTS
TO BE CHARTED

* RPT UNIT	CMD, ROCKVILLE, MD.	*
* STATE	FLORIDA	*
* LOCALITY	MANASOTA BAY	*0
* DATE	02/11/80	*

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

[illegible][illegible][illegible]

