

8600

TP

TP 00098

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
<i>Map No.</i> TP-00098	<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> Naples Bay	
<i>Locality</i> Naples	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 19 TO 1980 </div>	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.					
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED					
PHOTOGRAMMETRIC OFFICE Rockville, Md.		SURVEY TP. <u>00098</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>PHCM-7808</u>					
OFFICER-IN-CHARGE Cmdr. W. Simmons		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB <u>PH-</u> MAP CLASS <u></u> SURVEY DATES: 19 <u></u> TO 19 <u></u>					
I. INSTRUCTIONS DATED							
1. OFFICE		2. FIELD					
General-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: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)					
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify) Gulf Coast Low Water					
3. MAP PROJECTION Transverse Mercator		4. GRID(S) <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">STATE Florida</td> <td style="width: 50%; border: none;">ZONE West</td> </tr> <tr> <td style="border: none;">STATE</td> <td style="border: none;">ZONE</td> </tr> </table>		STATE Florida	ZONE West	STATE	ZONE
STATE Florida	ZONE West						
STATE	ZONE						
5. SCALE 1:20,000		STATE ZONE					
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS		NAME	DATE				
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		<u>B. Thornton</u>	<u>Apr 1979</u>				
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Calcomp</u> CHECKED BY		<u>J. Taylor</u>	<u>Dec 1979</u>				
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: CONTOURS BY SCALE: CHECKED BY		<u>N/A</u>					
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: <u>Graphic</u> CHECKED BY SCALE: <u>1:20,000</u> CONTOURS BY CHECKED BY HYDRO SUPPORT DATA BY CHECKED BY		<u>R. Rich</u> <u>P. Dempsey</u> <u>N/A</u> <u>N/A</u>	<u>Feb 1980</u> <u>Apr 1980</u>				
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		<u>D. Brant</u>	<u>May 1980</u>				
6. APPLICATION OF FIELD EDIT DATA BY		<u>F. Wright</u>	<u>July 1980</u>				
7. COMPILATION SECTION REVIEW BY		<u>P. Dempsey</u>	<u>July 1980</u>				
8. FINAL REVIEW BY		<u>F. Wright</u>	<u>Sept 1980</u>				
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		<u>P. Dempsey</u>	<u>May 1985</u>				
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		<u>P. Dempsey</u>	<u>May 1985</u>				
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		<u>E. DAUGHERTY</u>	<u>MAY 85</u>				

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

COMPILATION SOURCES

TP-00098

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8, RC-10		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES				Eastern	
<input type="checkbox"/> REFERENCE STATION RECORDS				<input checked="" type="checkbox"/> STANDARD	
<input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN	
				75th	
NUMBER AND TYPE		DATE	TIME	SCALE	STAGE OF TIDE
78 ER 3151-3156	11/5/78	1140	1:35,000	Refer to NOAA Form 76-36B(1)	
79 CR 9666-9669	3/20/79	1123	1:60,000		

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the black and white 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 GCLW line was shown

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-00097	No Contemporary Survey	TP-00099	No Contemporary 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 SURVEYTIDE - COORDINATED PHOTOGRAPHY
TP - 00098

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
⁸ 79 ER 3151-3156	Wiggins Pass (Inside) GCLW	+0.55	Observed
79 CR 9666-9669	Naples City Pier (Outside) MHW	-1.05	Predicted

REMARKS:

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	6-20-80
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	T. C. Hall	6-20-80
5. GEOGRAPHIC NAMES INVESTIGATION TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION BY		
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY	T. C. Hall	6-20-80
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)
79 CR-9667, 9668, 9669
78 ECR-3154

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-00098

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline	7/30/80	Forwarded to OA/C351		8/12/80
Class I		Maintenance Print	8/20/80	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

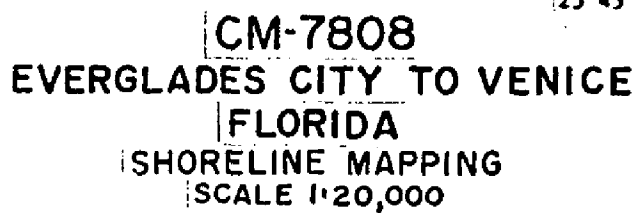
III. FEDERAL RECORDS CENTER DATA

1. ☐ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS. 76-107 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 <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

6



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

Coastal Zone Map TP-00098 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 July, 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 May, 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.

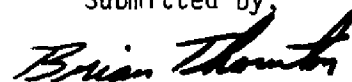
24. Supplemental Data

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>	<u>Error</u> x 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)

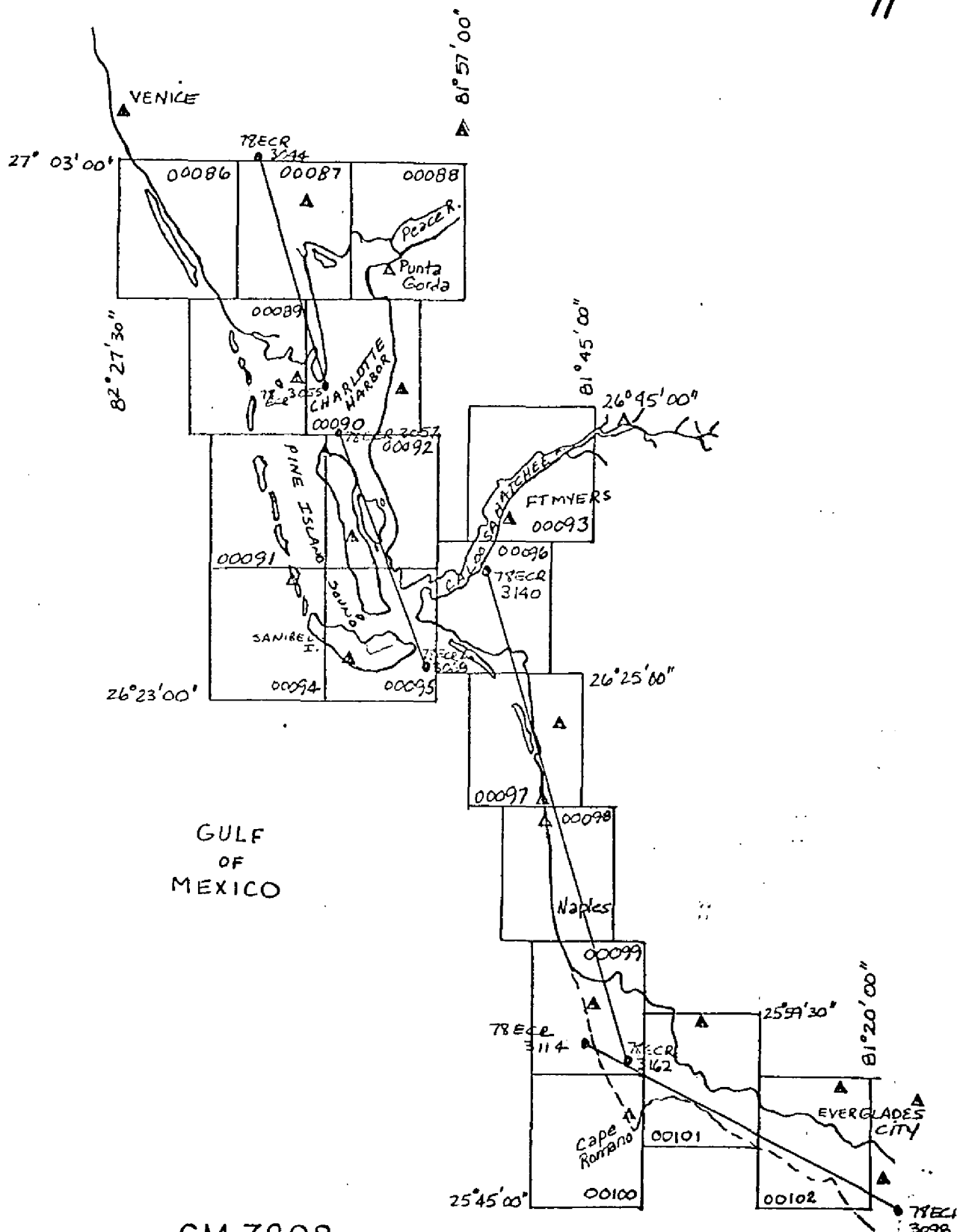
930101	-1.275	.156
886100	3.121	.402
885803	-2.103	-.596
357101	.258	.038

Strip 8

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

Strip 9

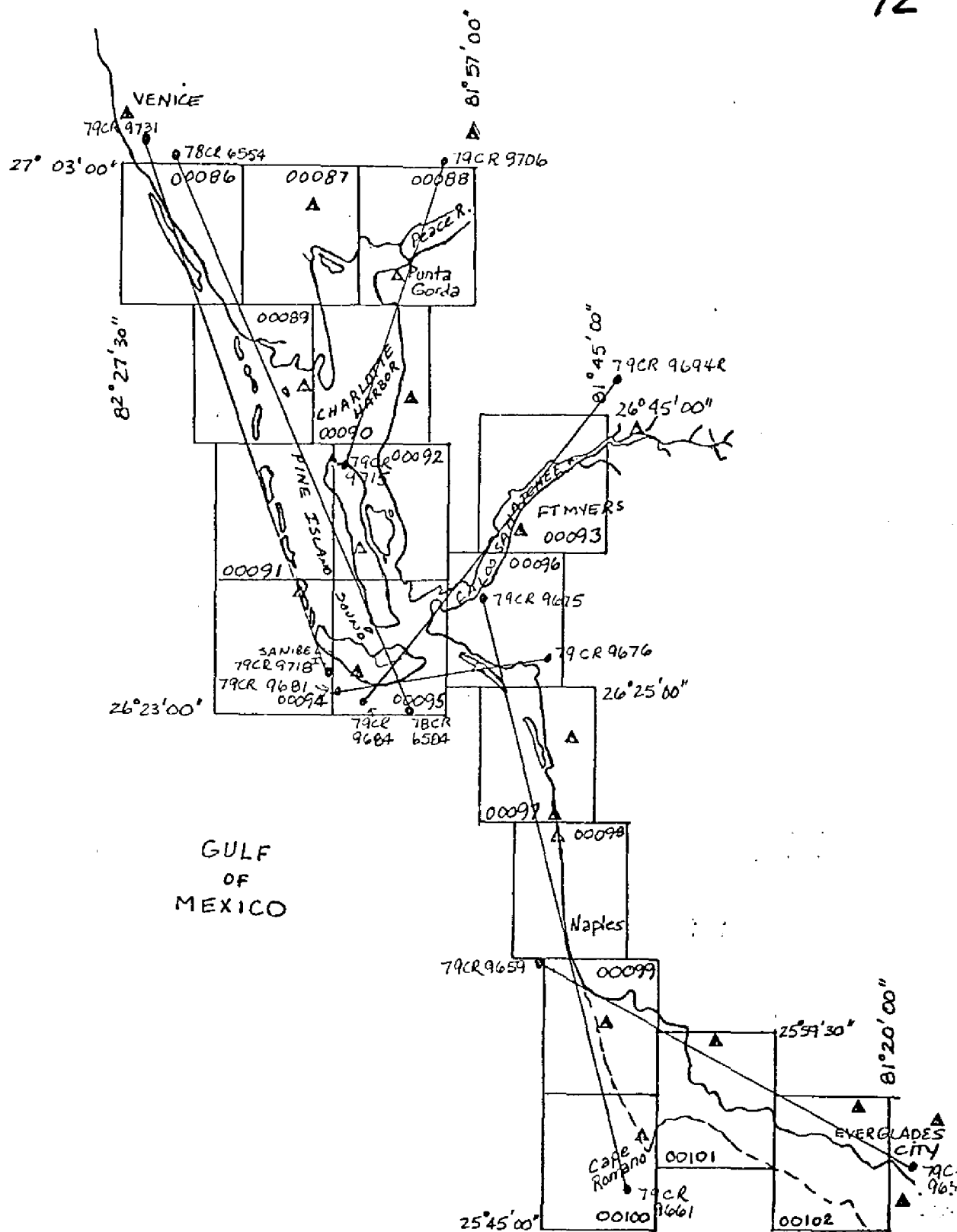
909100	-.105	-.656
914801	-.264	3.452
896802	.015	-4.492
894100	.352	1.697



CM-7808
EVERGLADES CITY TO VENICE
FLORIDA

INFRARED PHOTOGRAPHY

MLW
COLOR 1:35,000



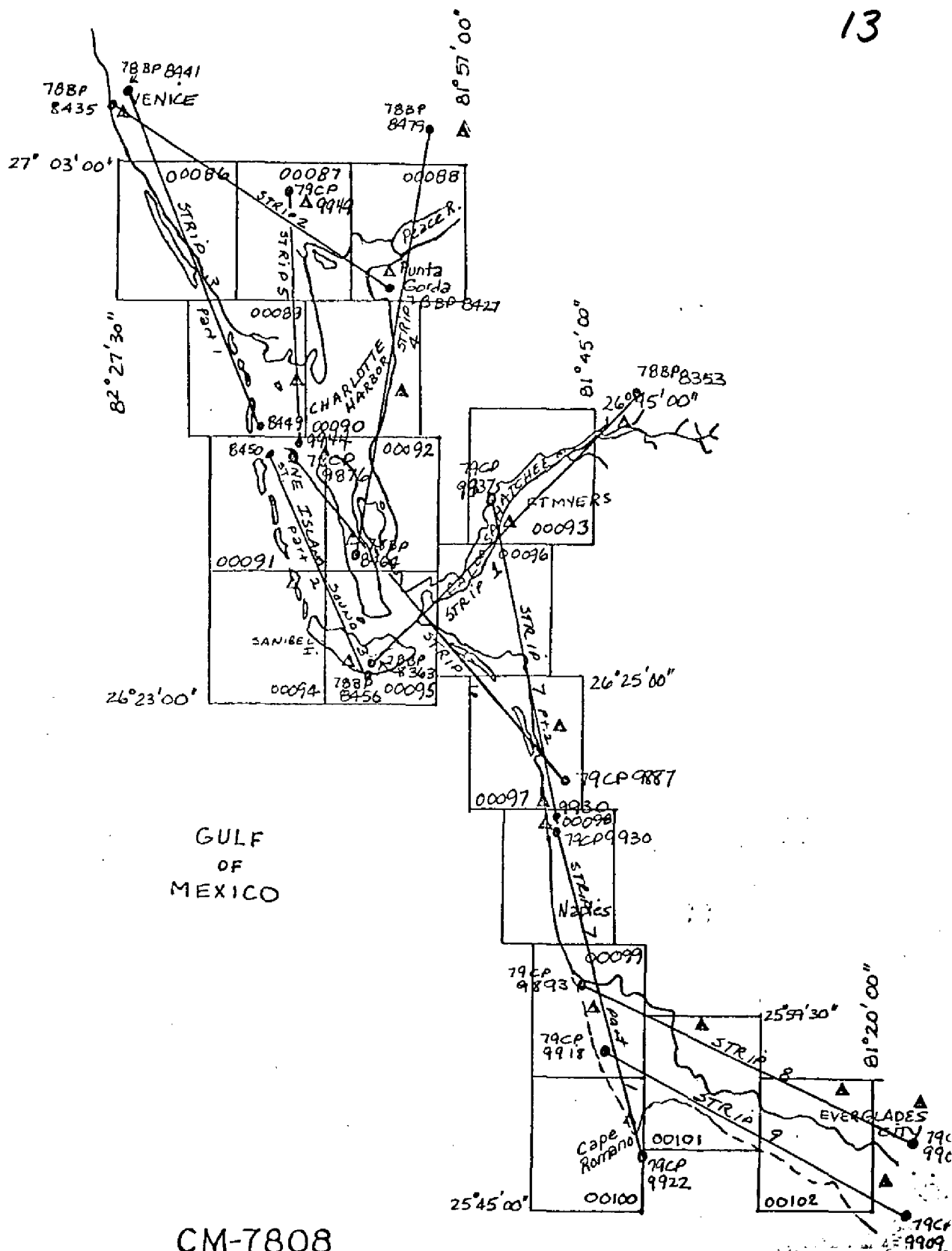
CM-7808
 EVERGLADES CITY TO VENICE
 FLORIDA

INFRARED PHOTOGRAPHY

MHW

B+W

1:60,000



CM-7808
EVERGLADES CITY TO VENICE
FLORIDA

BRIDGING PHOTOGRAPHY

1:60.000 B+W

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS
					STATE	ZONE	ϕ LATITUDE	λ LONGITUDE	
TP-00098	CM-7808	Naples B, 1934	PC 8	929100	X=	569,310.91	ϕ		
					Y=	693,488.55	λ		
		Naples A, 1934	CSI		X=	568,022.06	ϕ		
					Y=	682,510.06	λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
COMPUTED BY					COMPUTATION CHECKED BY				DATE
LISTED BY	R. Rich				LISTING CHECKED BY P. Dempsey				DATE Apr 1980
HAND PLOTTING BY					HAND PLOTTING CHECKED BY				DATE

Compilation Report

TP-00098

February 1980

31. Delineation

All alongshore cultural features, interior planimetry, and the MHW line on this map were delineated by graphic compilation using rectified black-and-white prints of the infrared photography.

A strip of color infrared photography was used as an aid in interpreting the black-and-white photography.

No GCLW line was shown on this compilation. At this map scale the MHW line and the GCLW line could not be differentiated.

32. Horizontal Control

Horizontal control was adequate (see Photogrammetric Plot Report).

33. Supplemental Data

Three tide stations were plotted from sketches furnished by the Tidal Datums Information Branch.

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from rectified black-and-white infrared photography.

35. Shoreline and Alongshore Detail

Office interpretation of the rectified black-and-white infrared photography was adequate for delineation of the shoreline and alongshore detail.

36. Offshore Delineation - None

37. Landmarks and Aids

There were no landmarks and aids plotted during the bridging and compilation of this map.

38. Control for Future Surveys - None

39. Junctions

Refer to NOAA Form 76-36B, Item 5.

40. Horizontal and Vertical Accuracy

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

41. through 45. Inapplicable46. Comparison with Existing Maps

Comparison was made with the following USGS quadrangle maps:

Belle Meade, Fla., 1958; Photorevised 1973.- Scale 1:24,000

Naples South, Fla., 1958; " 1972 " "

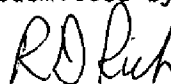
Naples North, Fla., 1958; " 1972 " "

47. Comparison with Nautical Charts

Chart 11430, 11th Edition, May 26, 1979 - Scale 1:40,000

Chart 11429, 11th Edition, Jan. 29, 1977 - Scale 1:30,000

Submitted by,



R. D. Rich

Approved and Forwarded:



Note: F. Wright
Chief, Coastal Mapping Section

FIELD EDIT REPORT
TP 00098 CM 7808

METHOD

The field edit was made according to the Coastal Mapping Instructions dated 1-30-78. All shoreline was classified, the manuscript was inspected and all questions answered. The field edit was made by driving to some of the areas in question and from a skiff run close to shore. One discrepancy print and four photos, numbered 79 CR-9667, 9668, 9669 and 78 ECR-3154, were used.

ACCURACY OF COMPILATION

Adequate after application of field edit information.

GEOGRAPHIC NAMES

N/A

MANUSCRIPT ACCURACY

N/A

RECOMMENDATIONS


None

NAVIGATION

None

TRANSMITTAL OF DATA

All data sent to Coastal Mapping Division, Norfolk, Va.


Thomas C. Hall
Photo Party 62

REVIEW REPORT

MAY 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.

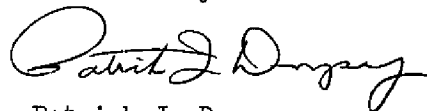
64. Comparison with Contemporary Hydrographic Surveys - None65. Comparison with Nautical Charts

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



Acting Chief, Photogrammetric Section



Ronald K. Brewer
Chief, Photogrammetry Branch

19
August 2, 1978

GEOGRAPHIC NAMES

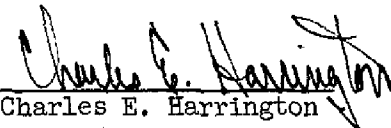
FINAL NAME SHEET

Everglades City to Venice, Florida

TP-00098

Clam Pass	Keewaydin Island
Doctors Pass	Moorings Bay
Dollar Bay	Naples
East Naples	Naples Bay
Gordon Pass	North Naples
Gordon River	Outer Clam Bay
Gulf of Mexico	Outer Doctors Bay
Haldeman Creek	Rock Creek
Inner Clam Bay	Seaboard Coast Line (RR)
Inner Doctors Bay	Venetian Bay

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

