

TP 00092

TP 00092

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
Map No. TP-00092	Edition No. 1
Job No. CM-7808	
Map Classification Final Field Edited	
Type of Survey Shoreline	
<b>LOCALITY</b>	
State Florida	
General Locality Matlacha Pass	
Locality Pine Island	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">           19 TO 19 80         </div>	
<b>REGISTRY IN ARCHIVES</b>	
DATE	

## DESCRIPTIVE REPORT - DATA RECORD

☒ ORIGINAL

MAP EDITION NO. (1)

☐ RESURVEY

MAP CLASS Final

☐ REVISED

JOB RM-CM-7808

## PHOTOGRAMMETRIC OFFICE

Rockville, Md.

## OFFICER-IN-CHARGE

Cmdr. W. Simmons

## LAST PRECEDING MAP EDITION

TYPE OF SURVEY

JOB PH- \_\_\_\_\_

☐ ORIGINAL

MAP CLASS \_\_\_\_\_

☐ RESURVEY

SURVEY DATES:

☐ REVISED

19\_\_ TO 19\_\_

## I. INSTRUCTIONS DATED

## 1. OFFICE

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

## 2. FIELD

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

Florida

ZONE

West

## 5. SCALE

1:20,000

STATE

ZONE

## III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic	BY	B. Thornton	Aug 1979
	LANDMARKS AND AIDS BY	N/A	
2. CONTROL AND BRIDGE POINTS METHOD: Calcomp	PLOTTED BY	J. Taylor	Aug 1979
	CHECKED BY	N/A	
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	N/A	
	CHECKED BY		
	CONTOURS BY	N/A	
4. MANUSCRIPT DELINEATION  METHOD: Graphic  SCALE: 1:20,000	CHECKED BY		
	PLANIMETRY BY	R. Rich	Nov 1979
	CHECKED BY	C. Lewis	Nov 1979
	CONTOURS BY	N/A	
	CHECKED BY		
	HYDRO SUPPORT DATA BY	N/A	
	CHECKED BY		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	D. Brant	Dec 1979
6. APPLICATION OF FIELD EDIT DATA	BY	J. Schad	July 1980
	CHECKED BY	F. Wright	July 1980
7. COMPILATION SECTION REVIEW	BY	J. Schad	Aug 1980
8. FINAL REVIEW	BY	P. Dempsey	Apr 1985
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY	P. Dempsey	May 1985
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	P. Dempsey	Apr 1985
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	E DAUGHERTY	MAY 85

## COMPILATION SOURCES

TP-00092

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8, RC-10		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Eastern <input checked="" type="checkbox"/> STANDARD MERIDIAN 75th <input checked="" type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
79 CP 9877-9880	26 Mar 79	0946	1:60,000	Tide data not applicable for this photography.	
78 BP 8453-8454	12 Nov 78	1102	1:60,000		
79 CR 9714-9715	20 Mar 79	1240	1:60,000	Refer to NOAA Form 76-36B(1) for tide data.	
78 ECR 3057-3063	4 Nov 78	1301	1:35,000		
78 ECR 3127-3132	5 Nov 78	1048	1:35,000		
78 CR 6577	12 Nov 78	1140	1:60,000		

REMARKS

## 2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the rectified black and white infrared photography listed in Item 1 above.

## 3. SOURCE OF MEAN LOW-WATER LINE:

GULF COAST

The source of the GCLW line is the rectified black and white infrared photography listed in Item 1 above.

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

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

## 5. FINAL JUNCTIONS

NORTH	TP-00090	EAST	TP-00096	SOUTH	TP-00095	WEST	TP-00091
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REMARKS

Final junctions are 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 - 00092

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
79 CR 9714-9715	Matlacha Pass	-0.7 MHW	Predicted
78 ECR 3057-3063	Matlacha Pass	+0.30 MLW	Observed
78 ECR 3127-3132	Matlacha Pass	+0.39 MLW	Observed
78 CR 6577	Pineland Fish Camp	+0.04 MHW	Observed

REMARKS:

## HISTORY OF FIELD OPERATIONS TP-00092

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	7/80
2. HORIZONTAL CONTROL	RECOVERED BY N/A ESTABLISHED BY N/A PRE-MARKED OR IDENTIFIED BY N/A	
3. VERTICAL CONTROL	RECOVERED BY N/A ESTABLISHED BY N/A PRE-MARKED OR IDENTIFIED BY N/A	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY N/A LOCATED (Field Methods) BY N/A IDENTIFIED BY N/A	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY J.D. Di Mare & J.L. Bowers	July 1980
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N/A	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
N/A		N/A	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

## 3. PHOTO NUMBERS (Clarification of details)

78-ECR-3058, 3060, 3062, 3132; 79-CR-9714, 9715, 9880

## 4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

N/A	
PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

## 7. SUPPLEMENTAL MAPS AND PLANS

N/A
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)
N/A

## RECORD OF SURVEY USE

TP-00092

## I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class I		Maintenance Print	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
2		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: \_\_\_\_\_

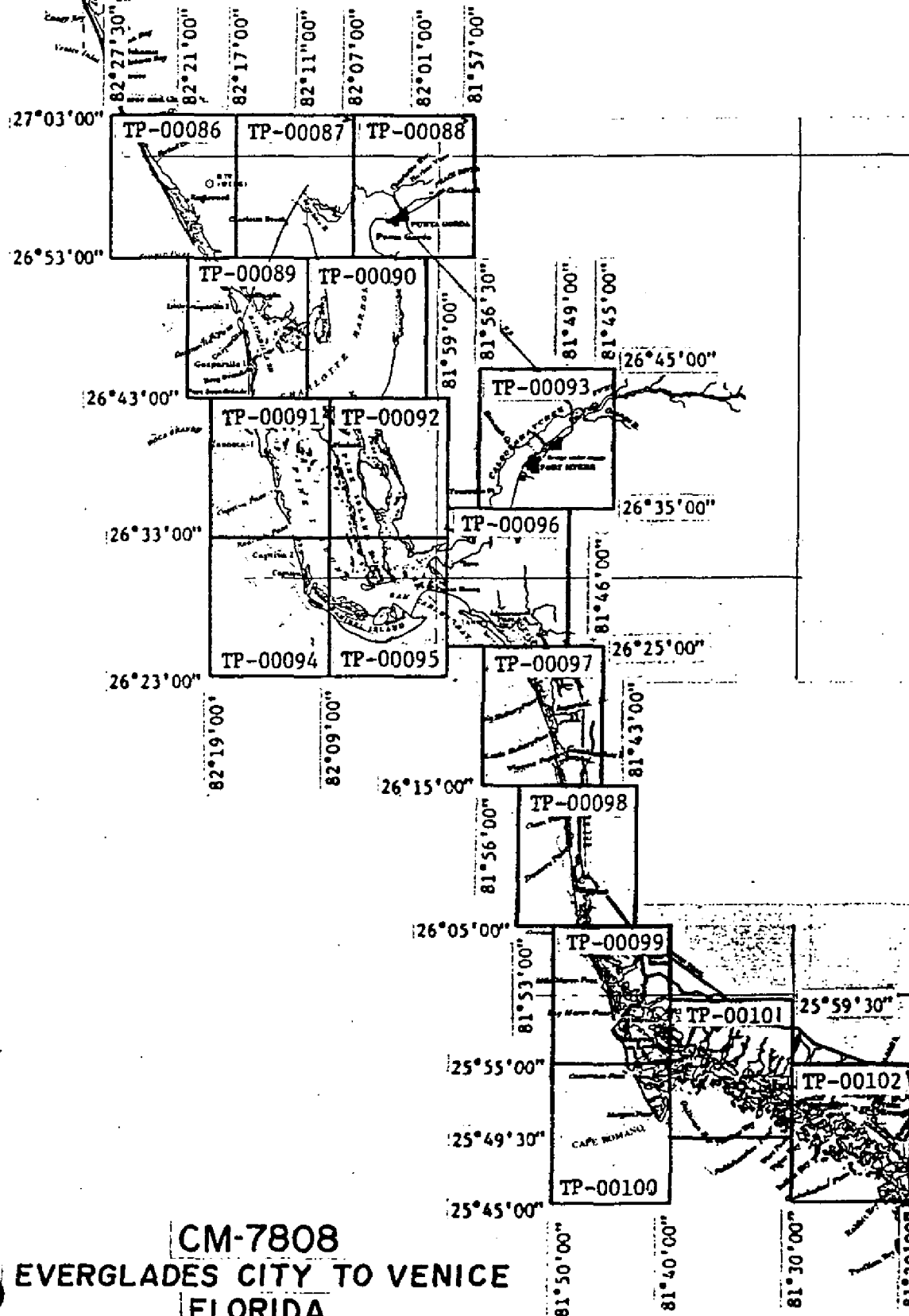
## III. FEDERAL RECORDS CENTER DATA

1. ☐ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS <sup>76-40</sup>~~322~~ 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	

Joins Job CM-7717





## SUMMARY TO ACCOMPANY

## DESCRIPTIVE REPORT

Coastal Zone Map TP-00092 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 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.

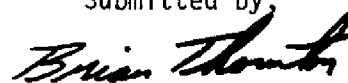
24. Supplemental Data

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

25. Photography

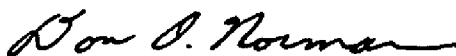
The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by,



Brian Thornton

Approved and Forwarded:



Don Norman  
Chief, Aerotriangulation Section

Accuracy of Control  
CM-7808

<u>Strip</u>	<u>Station</u>	<u>Error</u>	
		x	y
<u>Strip 1</u>	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)

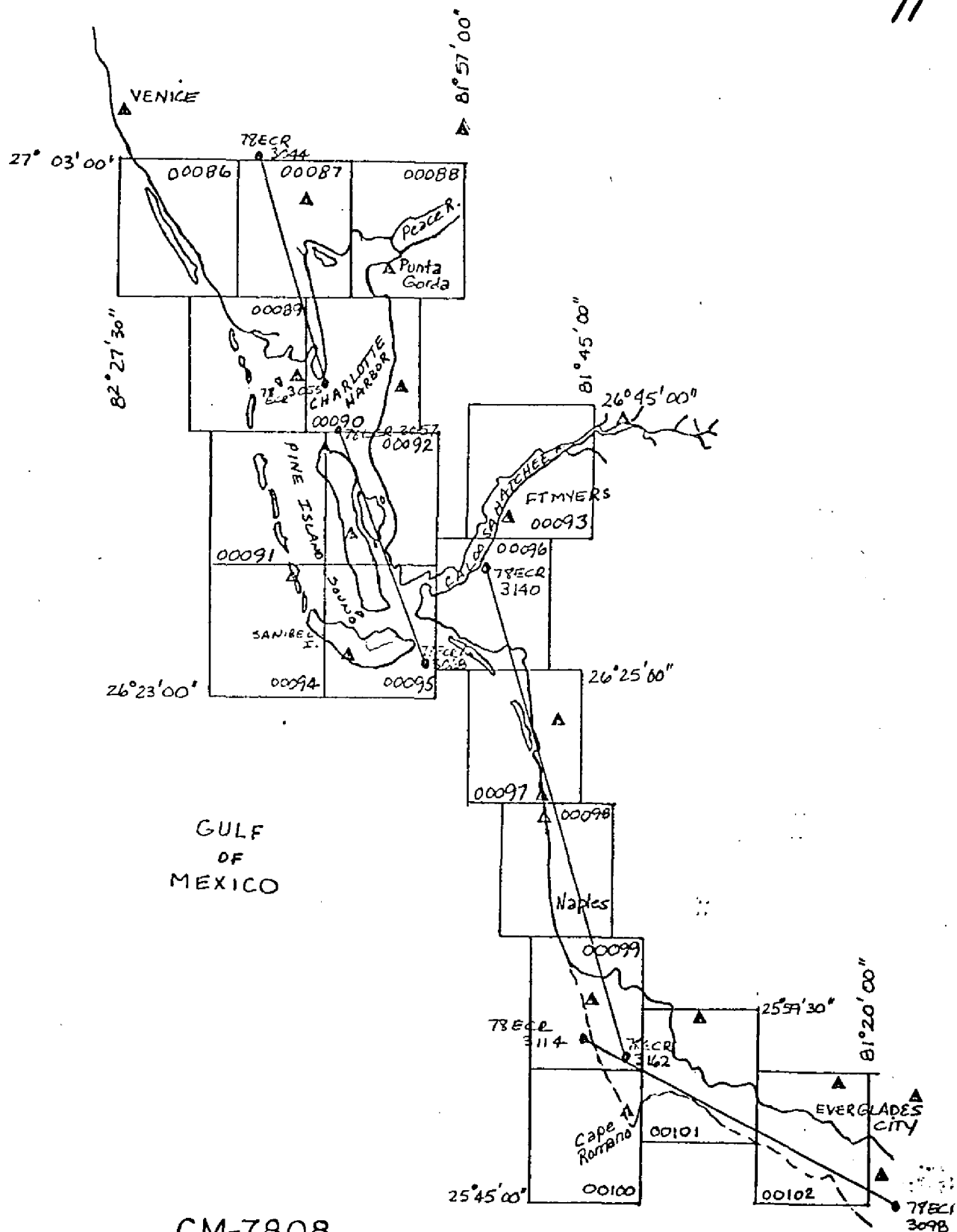
930101	-1.275	.156
886100	3.121	.402
885803	-2.103	-.596
357101	.258	.038

Strip 8

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

Strip 9

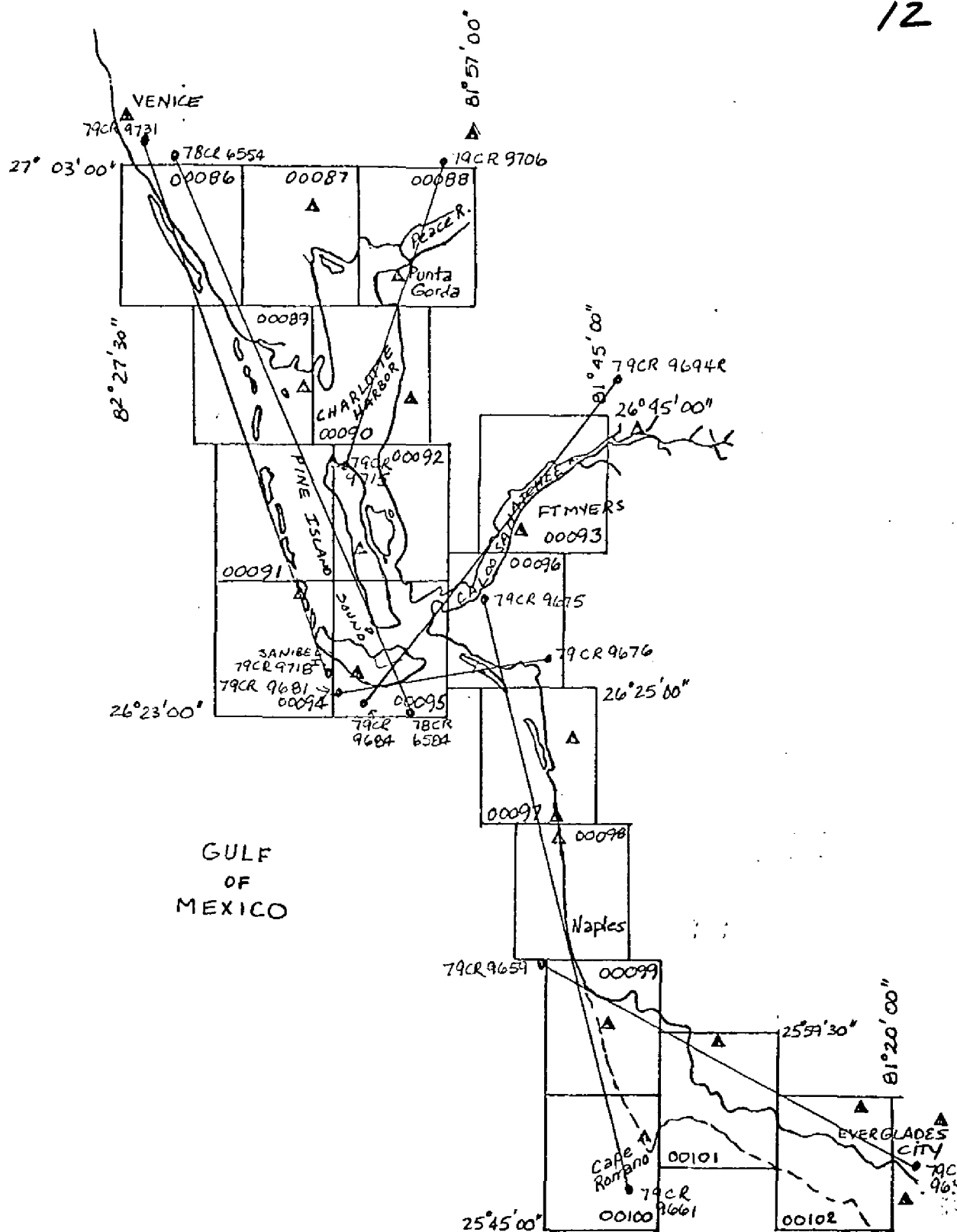
909100	-.105	-.656
914801	-.264	3.452
896802	.015	-4.492
894100	.352	1.697



CM-7808  
EVERGLADES CITY TO VENICE  
FLORIDA

INFRARED PHOTOGRAPHY

MLW  
COLOR 135,000



CM-7808  
EVERGLADES CITY TO VENICE  
FLORIDA

INFRARED PHOTOGRAPHY

MHW

B.W.

1:60,000



## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		GEOGRAPHIC POSITION		REMARKS
					COORDINATES IN FEET STATE <u>Florida</u> ZONE <u>West</u>	$\phi$ LATITUDE $\lambda$ LONGITUDE			
TP-00092	CM-7808	Pineland, 1934	PC 7	453100	$x =$ 462,865.36	$\phi$			
					$y =$ 823,282.52	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
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					$x =$	$\phi$			
					$y =$	$\lambda$			
					$x =$	$\phi$			
					$y =$	$\lambda$			
COMPUTED BY					COMPUTATION CHECKED BY			DATE	
LISTED BY					LISTING CHECKED BY			DATE	
HAND PLOTTING BY					HAND PLOTTING CHECKED BY			DATE	



Compilation Report  
TP-00092

31. Delineation

All alongshore cultural features and interior planimetry on this map were delineated by graphic compilation using rectified black and white prints of the 1:60,000 panchromatic photography and rectified black and white prints of the 1:60,000 infrared photography.

The MHW line in Matlacha Pass and Pine Island Sound was compiled from the rectified black and white prints of the 1:60,000 infrared photography.

The GCLW line was compiled from the the rectified black and white prints of the 1:35,000 infrared photography.

32. Horizontal Control

Horizontal control was adequate (See Photogrammetric Plot Report).

33. Supplemental Data

One tide station was plotted from a sketch furnished by the Tide and Water Level Section.

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from office interpretation of the black and white infrared rectified photography. Drainage ditches in marsh areas are not shown.

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 Detail

Offshore detail consisted of shallow, shoal, and channel areas.

37. Landmarks and Aids

There were no aids to navigation located during the bridging and compilation of this map. There was one landmark located during the bridging and compilation of this map:

38. Control for Future Surveys - None

39. Junctions

Junction was made to the north with TP-00090, to the south with TP-00095, to the east with TP-00096, and to the west with TP-0091.

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 quadrangle maps:

- Bokeelia, Florida, 1958, Photo revised 1972, Scale - 1:24,000
- Pine Island Center, Florida, 1958, Photo revised 1972,  
Scale - 1:24,000
- Captiva, Florida, 1958, Photo revised 1972, Scale 1:24,000
- Matlacha, Florida, 1958, " " " " "
- Fort Myers SW Florida, 1958, " " " " "

47. Comparison with Nautical Charts

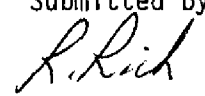
Comparison was made with the following Nautical Charts:

- 11426 22nd Edition, March 31, 1979, Scale 1:80,000
- 11427 16th Edition, August 19, 1978, Scale 1:40,000

Items to be applied to Nautical Charts immediately - None

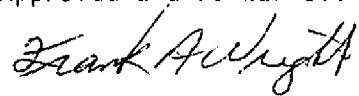
Items to be carried forward - None

Submitted by,



R. Rich

Approved and Forwarded:



F. Wright  
Chief, Coastal Mapping Section

FIELD EDIT REPORT TP-00092, JOB CM-7808

51. METHODS

Field edit was performed under instructions dated 1/30/78 and 2/13/80 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.

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: 7/24/80

*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.

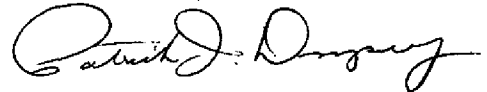
64. Comparison with Contemporary Hydrographic Surveys - None65. Comparison with Nautical Charts

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

66. Adequacy of Results and Future Surveys

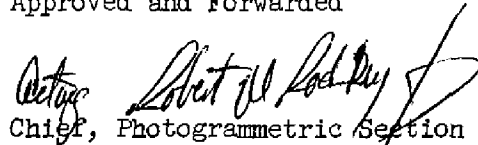
This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by:

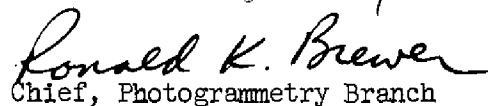


Patrick J. Dempsey  
Final Reviewer

Approved and Forwarded



Chief, Photogrammetric Section



Chief, Photogrammetry Branch

August 2, 1978

GEOGRAPHIC NAMES

19


FINAL NAME SHEET

Everglades City to Venice, Florida

TP-00092

Bear Key	Little Smokehouse Key
Ben Coleman Keys	Lower 36 Bay
Big Dead Creek	McCardle Island
Big Panther Key	Mason Island
Big Smokehouse Key	Masters Landing
Bird Rookery Keys	Matlacha
Big Dead Key	Matlacha Pass
Buzzard Bay	Matlacha Pass Nat. Wildlife Refuge
Cape Coral	Panther Key
Charlotte Harbor	Pine Island
Cork Key	Pine Island Center (Ppl)
Cork Island	Pine Island Creek
Cypress Lake	Pine Island Sound
Deer Key	Pontoon Bay
Deer Stop Keys	Porpoise Point Island
Demere Key	Pumpkin Key
Demere Landing	Rock Creek
Flamingo Bay (Ppl)	Rocky Creek
Forty Acre Bay	Shell Pass
Foster Bayou	Silver Key
Indian Field	Smokehouse Bay
Josslyn Island	Terrapin Key
Jug Creek	The Mud Hole
Jug Creek Pt.	Thirsting Lake
Jug Creek Pt. Shoal	Tom Black Lake
Lanier Key	Underhill Creek
Little Dead Creek	Underhill Point
Little Dead Key	Upper 36 Bay
Little Pine Island	West Island

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





PHOTOGRAPHIC BRANCH  
PHOTOGRAMMETRY DIVISION

NATIONAL OCEAN SURVEY NOAA  
DEPARTMENT OF COMMERCE USA

\* SVY TP-J0092 \* \* RPT UNIT CMD, ROCKVILLE, MD. \* PAGE 2 OF 2 \*  
 \* JOB CH7804 \* \* STATE FLORIDA \*  
 \* PRJ 833204 \* \* LOCALITY PINE ISLAND \*ORIGINATING ACTIVITY\*  
 \* UTM NA1927 \* \* DATE 07/30/80 \* COMPILATION \*  
 \* THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS \*  
 \* \* \* \* \*  
 \* CHARTING\* RECORD REASON FOR DELETION \* POSITION CMD \* METHOD AND DATE \* CHARTS \*  
 \* NAME \* PUT IN A GULATION NAMES IN ( ) \* LONGITUDE DP ALTEK\* OFFICE \* FIELD \*AFFECTED\*

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