TP 00089

TP 00089

NOAA FORM 76-35
(3-76)

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

DESCRIPTIVE REPORT

Map No. TP-00089	*Edition No.* 1
Job No. CM-7808	
Map Classification Final Field Edited	
Type of Survey Shoreline	

LOCALITY

State Florida

General Locality Gasparilla Sound

Locality Knight Island to Boca Grande

19 TO 1980

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- 00089

MAP EDITION NO. (1)

MAP CLASS Final

JOB ~~PH~~CM-7808

PHOTOGRAMMETRIC OFFICE: Rockville, Md.

OFFICER-IN-CHARGE: Cmdr. W. Simmons

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: 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		
INSTRUMENT:	CONTOURS BY	N/A	
SCALE:	CHECKED BY		
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	J. ASchad	Oct 1979
	CHECKED BY	C. Lewis	Nov 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	Nov 1979
6. APPLICATION OF FIELD EDIT DATA	BY	F. Wright	June 1980
	CHECKED BY	P. Dempsey	June 1980
7. COMPILATION SECTION REVIEW	BY	P. Dempsey	July 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

NOAA FORM 76-36A — SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

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

COMPILATION SOURCES

TP-00089

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC-10

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

TIME REFERENCE
ZONE: Eastern — [X] STANDARD
MERIDIAN: 75th — [ ] DAYLIGHT

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

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
78 E(C) 2879-2889	25 Oct 78	1003	1:20,000	N/A
78 E(C) 2952-2956	1 Nov 78	1131	1:20,000	
78 B(P) 8447-8450	12 Nov 78	1057	1:60,000	
79 C(P) 9946	26 Mar 79	1129	1:60,000	
78 C(R) 6564-6569	12 Nov 78	1139	1:60,000	Refer to NOAA form 76-36 B(1) for tide data

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the infrared photography listed in item 1 above. Where the shoreline is obscured by vegetation, such as mangrove, the apparent shoreline symbol was used.

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

Gulf Coast

No GCLW line was shown on this map as no GCLW photography was available.

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-00086 & TP-00087	TP-00090	TP-00091	None

REMARKS

Final junctions were made in the Coastal Mapping Section.

* U.S. GOVERNMENT PRINTING OFFICE: 1974-768-078

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

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

TIDE - COORDINATED PHOTOGRAPHY

TP - 00089

LOCATION AND PHOTOGRAPHY	TIDE STATIONS *(In operation at time of photography)*	STAGE OF TIDE	MEAN RANGE
78 C(R) 6564-6569	Venice Municipal Pier	-0.[illegible] MHW (outside)	Predicted
	Englewood, Lemon Bay	-0.9 MHW	Predicted
	Pineland, Fish Camp	+0.04 MHW	Observed

REMARKS:

4

NOAA FORM 76-36C
(3-72)

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

HISTORY OF FIELD OPERATIONS TP-00089

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION Under 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	J.D. Di Mare	Mar. 1980
	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	Mar. 1980
	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	Mar/Apr/1980
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY		

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)* 79 CP 9945 & 9946

78 BP 8447; 78 BP 8449; NOTE: The above two photographs will be submitted with TP90

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME

PHOTO NUMBER	OBJECT NAME

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

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NOAA FORM 76-36D
(3-72)

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

RECORD OF SURVEY USE

TP-00089

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
8		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

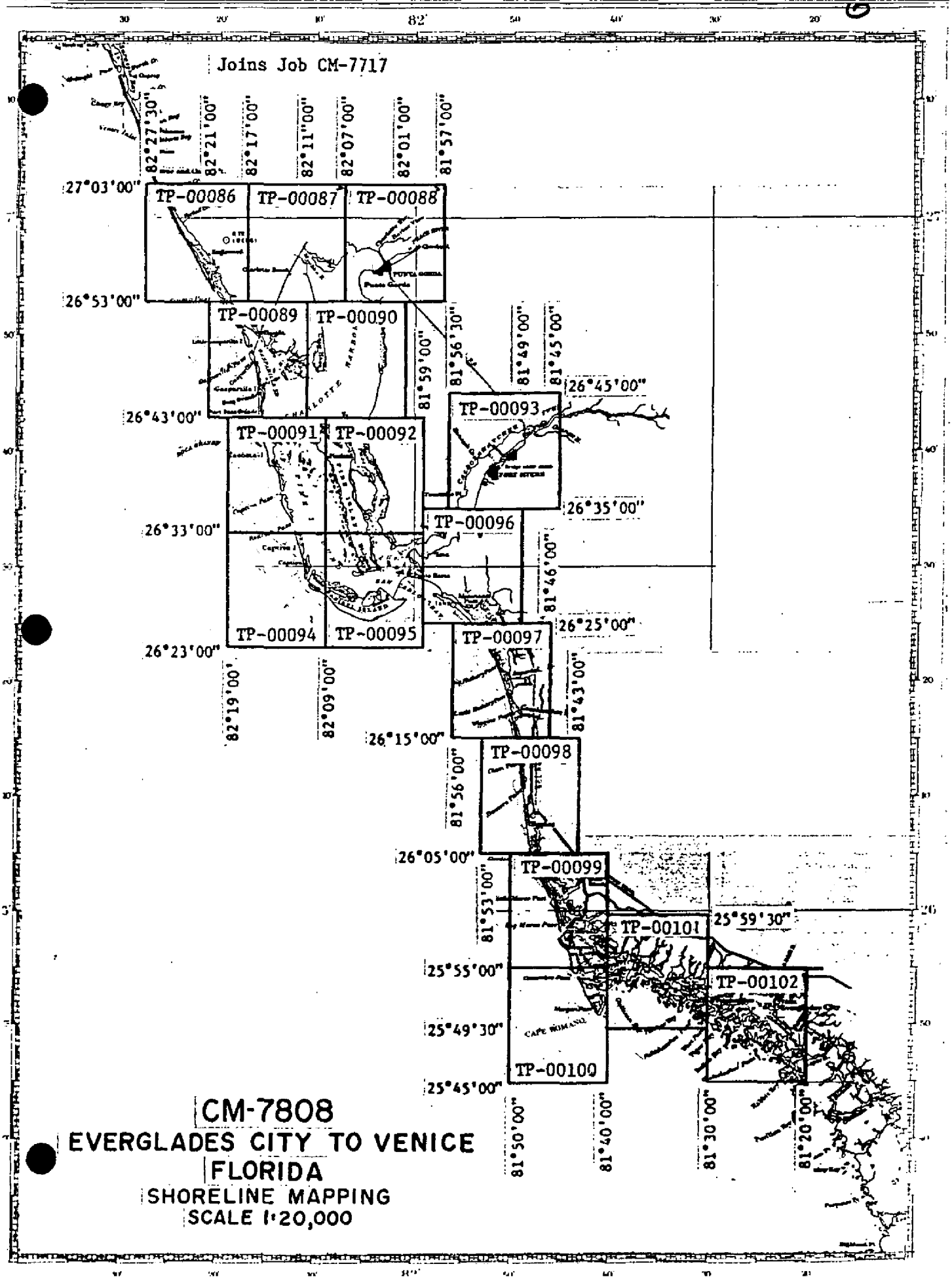
1. ☐ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 567 76-40 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:
   Tide Data
4. ☒ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY / MAP CLASS
SECOND EDITION	TP - _____ (2)	PH - _____	☐ REVISED ☐ RESURVEY ☐ 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	

NOAA FORM 76-36D

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



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

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT

Coastal Zone Map TP-00089 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 June, 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 aerotriantulation 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

Brian Thornton

Approved and Forwarded:

Don A. Norman

Don Norman
Chief, Aerotriangulation Section

Accuracy of Control

CM-7808

Strip	Station	Error x	Error y
Strip 1			
	354100	-.001	-.001
	357101	.001	.001
	364101	-.010	-.008
Strip 2			
	427101	.001	-.001
	429101	.002	-.001
	434100	-.011	.007
Strip 3 (Part 1)			
	434100	-.358	-.943
	433801	.971	1.514
	447101	-1.549	-.752
	450161	.936	.179
Strip 3 (Part 2)			
	450101	-.499	-.729
	453100	2.621	.061
	454101	-2.690	-.316
	364101	.567	.985
Strip 4			
	453100	-.152	-.365
	468101	.106	1.228
	427101	-.180	-1.157
	475101	.229	.313
Strip 5			
	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)

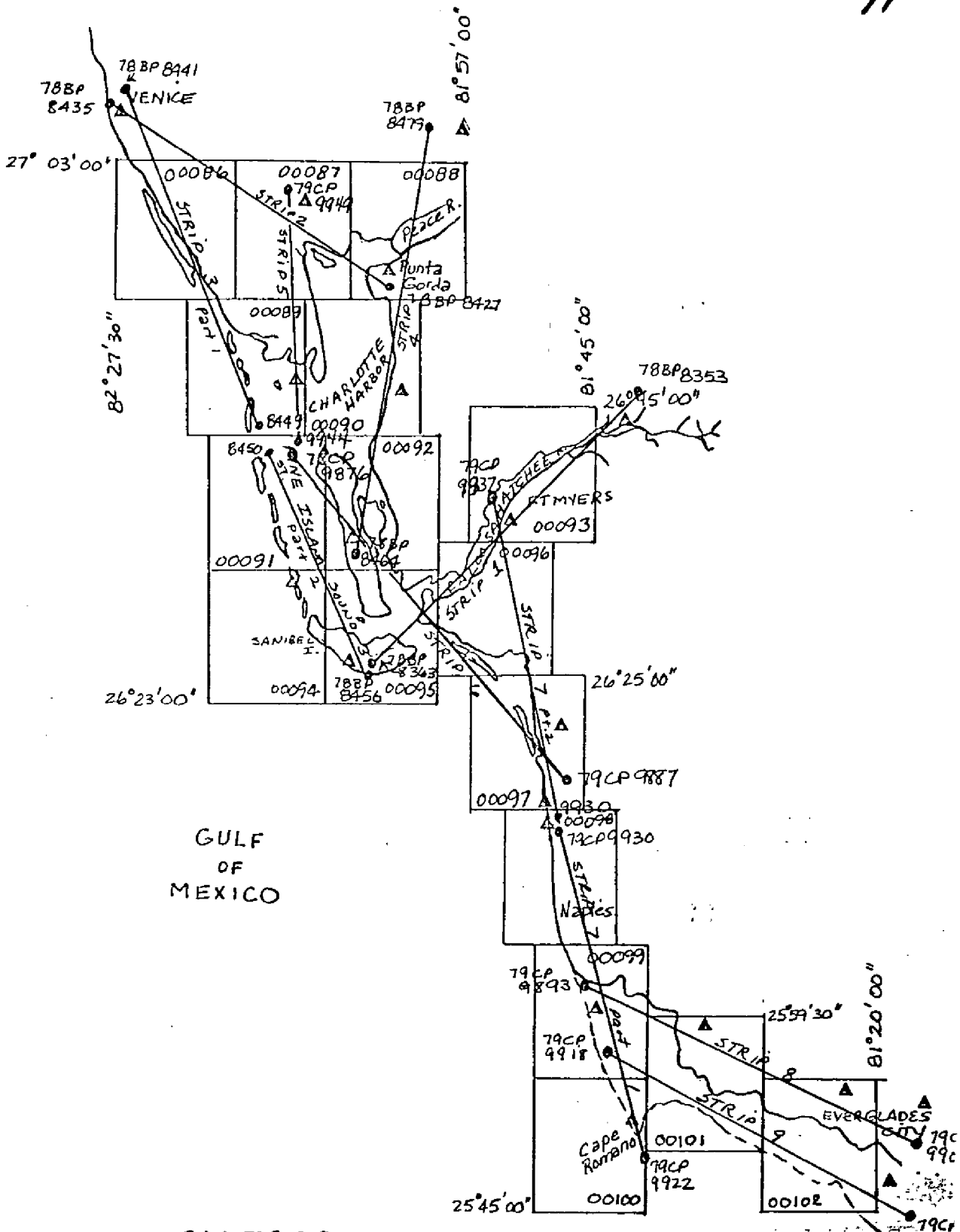
930101	-1.275	.156
886100	3.121	.402
885803	-2.103	-.596
357101	.258	.038

Strip 8

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

Strip 9

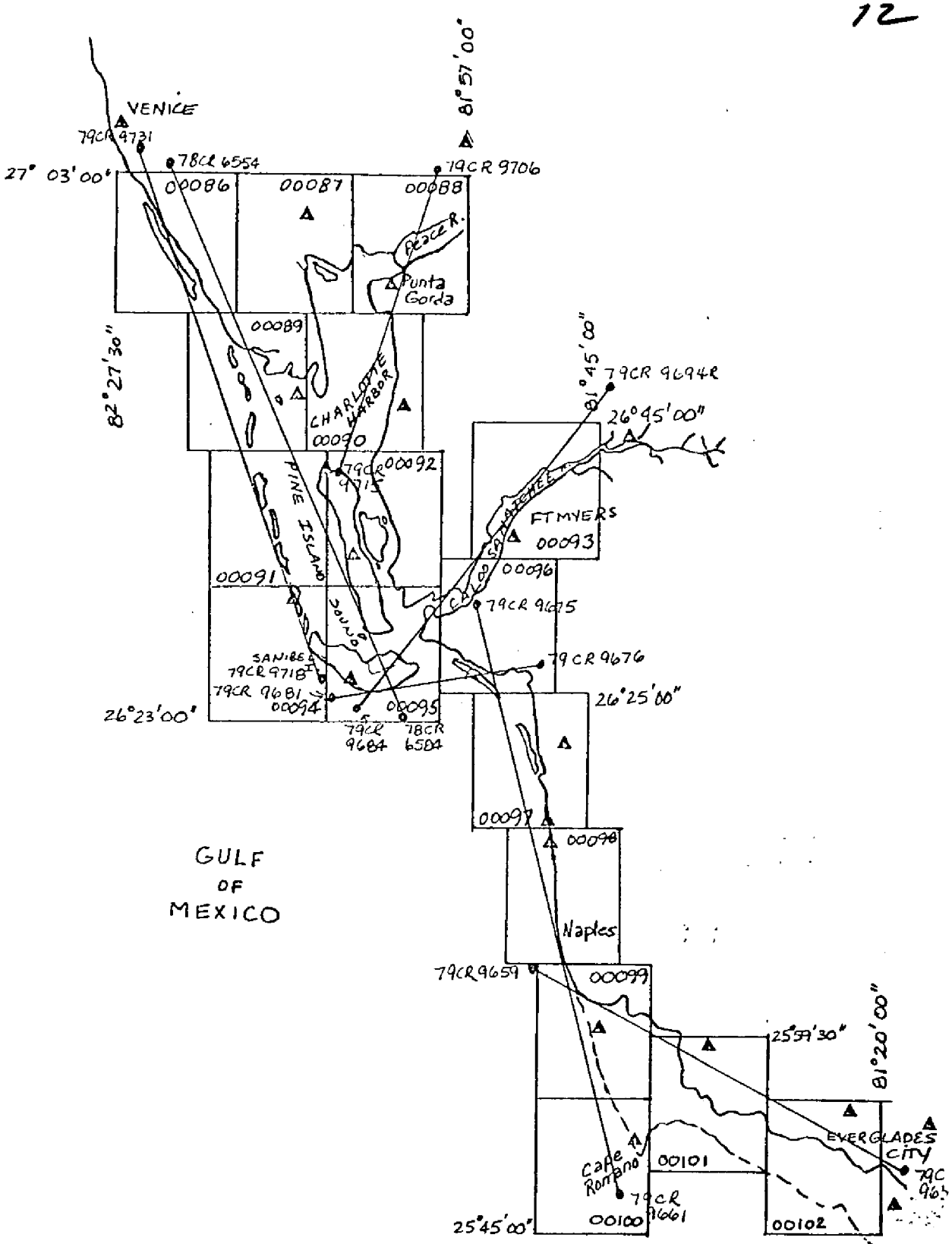
909100	-.105	-.656
914801	-.264	3.452
896802	.015	-4.492
894100	.352	1.697



CM-7808
EVERGLADES CITY TO VENICE
FLORIDA

BRIDGING PHOTOGRAPHY

1:60,000 B+W



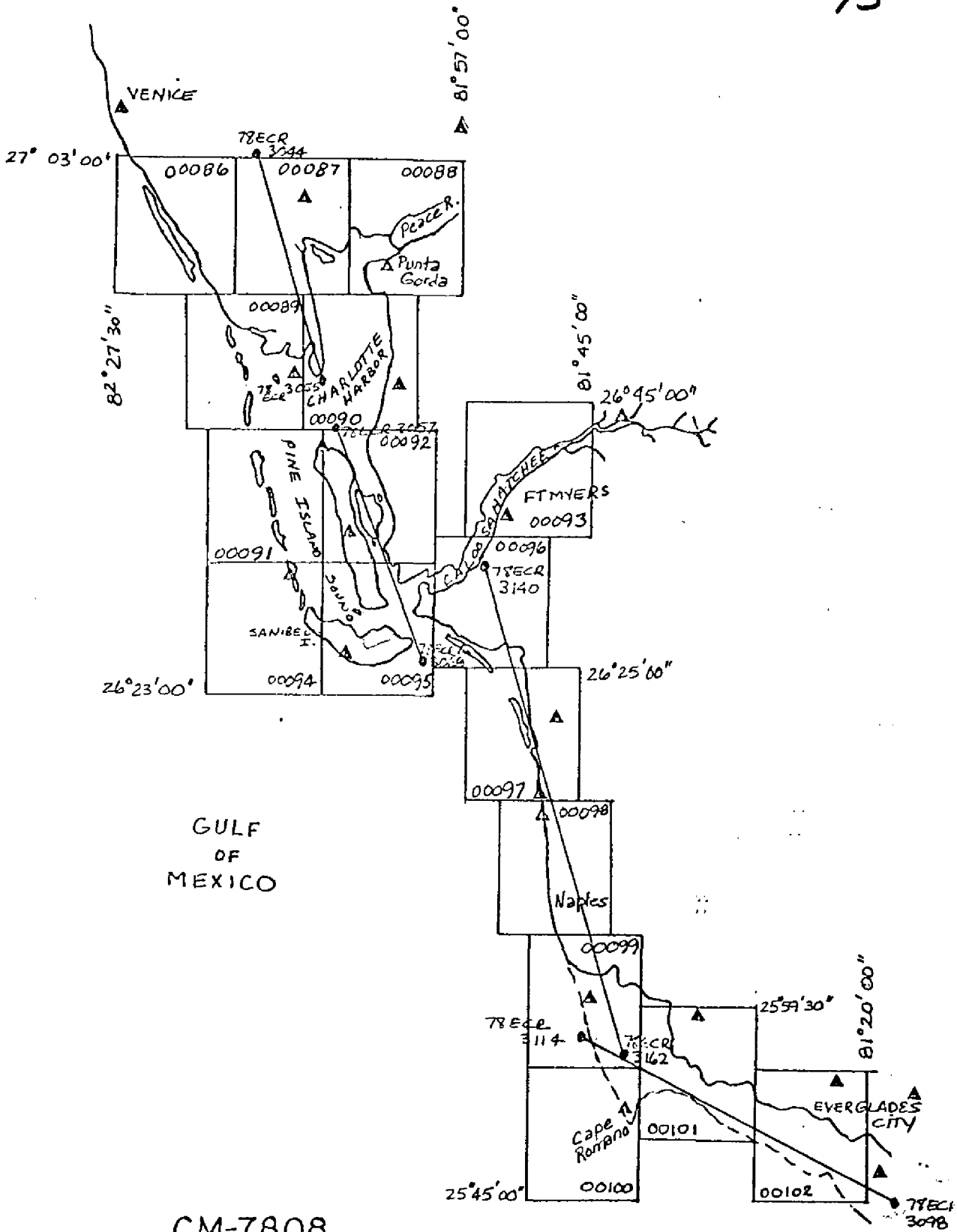
CM-7808
EVERGLADES CITY TO VENICE
FLORIDA

INFRARED PHOTOGRAPHY

M H W

B + W

1 60,000



CM-7808
EVERGLADES CITY TO VENICE
FLORIDA

INFRARED PHOTOGRAPHY

MLW

COLOR 1:35,000

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-00089	CM-7808	N A 1927	Rockville, Md.

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE Florida ZONE West	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
Boca Grande Gasparille Inn Taller W.T., 1955	Disc 339-52 GP 1001	60	x= 414,803.58 y= 879,459.58	φ 26° 45' 11.03" λ 82° 15' 39.855"	
Boca Grande Lighthouse, 1934	PC 94 GP 1049	61	x= 413,958.85 y= 875,316.81	φ 26° 44' 29.982" λ 82° 15' 49.079"	
South Boca Grande Lighthouse, 1934	PC 10 GP 1000	62	x= 414,767.62 y= 866,339.18	φ 26° 43' 01.082" λ 82° 15' 39.955"	
Placida 2, 1934	PC 7	447100	x= 413,241.71 y= 908,055.84	φ λ	
Hurry, 1955	GP 1000	449100	x= 439,800.08 y= 886,691.31	φ 26° 46' 23.088" λ 82° 11' 04.220"	
			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. Schad	DATE Oct 1979	LISTING CHECKED BY C. Lewis	DATE Nov 1979
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

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

19

Compilation Report

TP-00089

October 1979

31. Delineation

All alongshore, offshore feataures, and interior planimetry on this map were delineated by graphic compilation using the rectified 1:60,000 panchromatic photography. The photography was controlled by points determined by aerotriangulation. The MHW line along the Gulf of Mexico and the interior of Gasparilla Sound was compiled from office interpretation of the ratio infrared photography. ~~GCLW ratio infrared~~ Panchromatic photography was used to interpret the MHW line from The Cutoff to Bull Bay and east to the sheet limits. No GCLW was shown on this map as ~~the GCLW and the MHW line coincided at map scale.~~ no GCLW photography was available

32. Control

Horizontal control was adequate. (Refer to Photogrammetric Plot Report)

33. Supplemental Data

Sketches of tide stations were furnished by Tide and Water Level Section:

872-5577	Port Boca Grande, Fla.
872-5691	South Lemon Bay, Fla.
872-5667	Placida, Fla.
872-5685	The Cutoff South, Fla.
872-5665	Little Gasparilla, Fla.

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from office interpretation of the ratio infrared photography.

35. Shoreline and Alongshore Details

Office interpertation of the infrared photography was adequate for delineating the shoreline and alongshore details. (See Item 31.)

36. Offshore Detail

Offshore delineation consisted of the location of channel areas and a wreck located north of Catfish Point in Gasparilla Sound.

37. Landmarks and Aids

Three landmarks were located by aerotriangulation and a possible landmark was located through compilation of map.(44) aids were located;

(4) were located by aerotriangulation and (40) by compilation procedures.

38. Control for Future Surveys - None

39. Junctions

Refer to Form 76-36B

40. Horizontal and Vertical Accuracy

This map complies with accuracy requirement for Florida Coastal Zone Mapping Program as outlined by Project Instruction PH-7000.

41. through 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with exisiting maps:

El Jobean, Fla., 1957, Photo Rev. 1972, Scale 1:24,000
Englowood, Fla., 1956, Photo Rev. 1972, " "
Punta Gorda S.W. Fla., 1957, Photo Rev. 1972, Scale 1:24,000
Bokeelia, Fla., 1958, Photo Rev. 1972 " "
Placida, Fla., 1957, Photo Rev. 1972 " "
Port Boca Grande, Fla., 1958, Photo Rev. 1972, " "

47. Comparison with Existing Nautical Charts

11424 12th Edition, March 31, 1979, Scale 1:80,000
11425 18th Edition, June 9, 1979, Scale 1:40,000
11426 22nd Edition, March 31, 1979, Scale 1:80,000

Items to be applied to Nautical Charts - None

Items to be carried forward - None

Submitted by,

James Schad

James Schad

Approved and Forwarded:

Frank Wright

F. Wright
Chief, Coastal Mapping Section

FIELD EDIT REPORT TP-00089, JOB CM-7808

51. METHODS

Field edit was performed under instructions dated 1/30/78 from Chief, Coastal Mapping Division, Rockville and instructions dated 2/13/80.

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: 4/17/80

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 - 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. Comaprison 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

Patrick J. Dempsey
Final Reviewer

Approved and Forwarded

Chief, Photogrammetric Section

Ronald K. Brewer
Chief, Photogrammetry Branch

August 1, 1978

19

GEOGRAPHIC NAMES

FINAL NAME SHEET

Everglades City to Venice, Florida

TP-00089

Bird Key
Boca Grande (Ppl)
Boca Grande Bayou
Boca Grande (Water passage)
Boggess Hole
Bull Bay
Bull Key
Cape Haze (Ppl)
Catfish Creek
Catfish Point
Cayo Pelau
Charlotte Harbor
Coon Key
Coral Creek
Devilfish Key
Don Pedro Island
Eagle Nest
East Branch
Gallagher Keys
Gasparilla
Gasparilla Island
Gasparilla Pass
Gasparilla Sound
Gulf of Mexico
Hoagen Key
Island Bay NWR
Jack Point
Knight Island
Knight Pass
Lemon Creek
Little Cape Haze
Little Gasparilla Island
Loomis Key
Mound Key
Peekins Ranch Cove
Placida
Placida Harbor
Rambler Hole
Roberts Gap
Sandfly Key
Seaboard Coast Line (RR)
The Cutoff
Three Sisters Island
Turtle Bay
West Branch
Whidden Creek

Approved by:

Charles E. Harrington

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 DATATAB
LISTING PHOTOGRAMMETRY DIDISION DEPARTMENT OF COMMERCE USA ERSION
782707

SVY TP-GC089	RPT UNIT CMD, ROCKVILLE, MD.	PAGE 1 OF 8	
JOB CM78C8	STATE FLORIDA		
PRJ 833205	LOCALITY GASPARILLA SOUND	ORIGINATING ACTIVITY	
DTM NA1927	DATE 06/05/80	COMPILATION	

OBJECTS INSPECTED FROM SEAWARD	JOSEPH DI MARE	PHOTO FIELD PARTY
POSITIONS DETERMINED	JOSEPH DI MARE	FIELD REPRESENTATIVE
AND/OR VERIFIED BY	FRANK A. WRIGHT	OFFICE COMPILER
FIELD AND OFFICE	JAMES H. TAYLOR	DIGITIZER
ACTIVITIES	JAMES H. 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
   8-12-77

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
   8-12-76

*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 NUNBER OF PHOTOGRAPH USED TO LOCATE AND IDENTIFY THE OBJECT.
   EXAMPLE P-8-V
   8-12-77
   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.
   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.

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JOB CM7808	NONFLOATING AIDS FOR CHARTS	STATE	FLORIDA		
PRJ 833205	TO BE CHARTED	LOCALITY	GASPARILLA SOUND	ORIGINATING ACTIVITY	
DTM NA1927		DATE	06/05/80	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
	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.						
	CHARLOTTE HARBOR						
-RGE R LIGHT	BOCA GRANDE ENT. RANGE REAR LT (BOCA GRANDE LIGHTHOUSE, 1934)	26 44 29.98 82 15 49.08	922.7 1356.3	NOT DGTZD	TRIANG	TRIANG REC 03/05/80	11425 11426
-LIGHT 1	BOCA GRANDE YACHT BASIN CHANNEL	26 44 51.74 82 15 05.23	1592.4 144.5		78BP8450 11/12/78		11425 11426
-DYBN 2		26 44 53.70 82 15 09.90	1652.7 273.6		78BP8450 11/12/78		11425
-DYBN 3		26 44 52.74 82 15 10.34	1623.1 285.7		78BP8450 11/12/78		11425 11426
-DYBN 4		26 44 54.30 82 15 13.80	1671.2 381.3		78BP8450 11/12/78		11425
-DYBN 5		26 44 53.47 82 15 13.95	1645.6 385.5		78BP8450 11/12/78		11425
-LIGHT 7		26 44 54.27 82 15 18.03	1670.2 498.2		78BP8450 11/12/78		11425 11426

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JOB CM7808	NONFLOATING AIDS FOR CHARTS	STATE FLORIDA	
PRJ 8332C5	TO BE CHARTED	LOCALITY GASPARILLA SOUND	ORIGINATING ACTIVITY
DTM NA1927		DATE 06/05/80	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 ALTEK DM DP DGTZD	METHOD AND DATE OF LOCATION OFFICE	METHOD AND DATE OF LOCATION FIELD	CHARTS AFFECTED
	GASPARILLA SOUND					
-DYBN 1		26 48 44.46 82 15 54.18	1368.3 1496.3	78BP8448 11/12/78		11425 11426
-DYBN 3		26 48 34.08 82 15 45.44	1048.9 1254.9	78BP8448 11/12/78		11425 11426
	GASPARILLA SOUND CHANNEL					
-LIGHT 1		26 44 22.25 82 14 57.23	684.8 1581.5	78BP8450 11/12/78		11425 11426
-DYBN 3		26 45 11.15 82 14 51.15	343.2 1413.3	78BP8450 11/12/78		11425 11426
-DYBN 5		26 45 35.73 82 14 47.78	1099.6 1320.1	78BP8450 11/12/78		11425 11426
-LIGHT 8		26 46 30.92 82 14 38.26	951.6 1057.0	78BP8449 11/12/78		11425 11426
-DYBN 9		26 46 35.40 82 14 42.74	1089.5 1180.7	78EC2887 10/25/78		11425 11426
-DYBN 11		26 47 02.27 82 14 53.51	69.9 1478.1	78BP8448 11/12/78		11425 11426

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JOB CM7808	NONFLOATING AIDS FOR CHARTS	STATE FLORIDA	
PRJ 833205	TO BE CHARTED	LOCALITY GASPARILLA SOUND	ORIGINATING ACTIVITY
DTM NA1927		DATE 06/05/80	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 ALTEK DP DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
	GASPARILLA SOUND CHANNEL					
-DYBN 12		26 47 30.63 82 15 03.23	942.7 89.2	78BP8449 11/12/78		11425 11426
-LIGHT 13		26 48 00.55 82 15 18.27	16.9 504.6	78BP8449 11/12/78		11425 11426
-DYBN 14		26 48 28.40 82 15 27.66	874.1 763.9	78BP8449 11/12/78		11425 11426
-DYBN 16		26 48 47.79 82 15 35.89	1470.8 991.2	78BP8449 11/12/78		11425 11426
-DYBN 17		26 49 03.84 82 15 43.92	118.2 1212.9	78BP8449 11/12/78		11425 11426
-DYBN 19		26 49 24.74 82 15 53.22	761.4 1469.6	79BP8449 11/12/78		11425 11426
-LIGHT 20		26 49 30.02 82 15 53.23	923.9 1469.9	79BP8449 11/12/78		11425 11426
-DYBN 21		26 49 29.17 82 15 58.08	897.8 1603.8	79BP8449 11/12/78		11425 11426
-DYBN 22		26 49 39.41 82 16 18.21	1212.9 502.8	79BP8448 11/12/78		11425

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JOB CM7808 | NONFLOATING AIDS FOR CHARTS | STATE FLORIDA
PRJ 833205 | TO BE CHARTED | LOCALITY GASPARILLA SOUND | ORIGINATING ACTIVITY
DTM NA1927 | DATE 06/05/80 | 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
	GASPARILLA SOUND CHANNEL						
-LIGHT 23		26 49 38.58 82 16 24.27	1187.4 670.2	79BP8448 11/12/78			11425
-DYBN 25		26 50 16.50 82 16 48.70	507.8 1344.6	78BP8448 11/12/78			11425
-LIGHT 26		26 50 20.14 82 16 48.03	619.8 1326.1	78BP8448 11/12/78			11425
-DYBN 27		26 50 19.70 82 16 53.26	606.3 1470.5	78BP8445 11/12/78			11425
-DYBN 28		26 50 26.77 82 17 07.05	823.9 194.7	78BP8448 11/12/78			11425
-LIGHT 29		26 50 27.64 82 17 13.16	850.7 363.3	78BP8448 11/12/78			11425
-DYBN 30		26 50 32.14 82 17 15.49	989.2 427.7	78BP8448 11/12/78			11425
-DYBN 30A		26 50 40.79 82 17 25.43	1255.4 702.1	78BP8448 11/12/78			11425
-DYBN 32		26 50 43.37 82 17 28.12	1334.8 776.4	78BP8448 11/12/78			11425

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JOB CM7808 | NONFLOATING AIDS FOR CHARTS | STATE FLORIDA
PRJ 833205 | TO BE CHARTED | LOCALITY GASPARILLA SOUND | ORIGINATING ACTIVITY
DTM NA1927 | DATE 06/05/80 | 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
	GASPARILLA SOUND CHANNEL						
-LIGHT 33		26 50 48.43 82 17 36.79	1490.5 1015.7	78BP8448 11/12/78			11425
-DYBN 35		26 50 57.59 82 17 51.19	1772.4 1413.3	78BP8448 11/12/78			11425
	LEMON BAY CHANNEL						
-DYBN 2		26 51 05.91 82 18 02.00	181.9 55.2	78BP8448 11/12/78			11425
-LIGHT 3		26 51 07.12 82 18 07.35	219.1 202.9	78BP8448 11/12/78			11425
-DYBN 4		26 51 11.84 82 18 08.34	364.4 230.2	78BP8448 11/12/78			11425
-DYBN 5		26 51 28.24 82 18 20.43	869.1 564.0	78BP8447 11/12/78			11425
-DYBN 7		26 52 05.11 82 18 43.96	157.3 1213.4	78BP8447 11/12/78			11425
-DYBN 8		26 52 24.17 82 18 54.21	743.9 1496.3	78BP8447 11/12/78			11425

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JOB CM7808	NONFLOATING AIDS FOR CHARTS	STATE	FLORIDA		
PRJ 833205	TO BE CHARTED	LOCALITY	GASPARILLA SOUND	ORIGINATING ACTIVITY	
DTM NA1927		DATE	06/05/80	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
	LEMON BAY CHANNEL						
-DYBN 9		26 52 41.04 82 19 07.13	1263.1 196.8	78BP8447	11/12/78		11425

76-40 LISTING

PHOTOGRAMMETRIC BRANCH
PHOTOGRAMMETRY DIDISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB VERSION 782707

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JOB CM7808	LANDMARKS FOR CHARTS	STATE FLORIDA	
PRJ 833205	TO BE CHARTED	LOCALITY GASPARILLA SOUND	ORIGINATING ACTIVITY
DTM NA1927		DATE 06/05/80	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
TANK	(BOCA GRANDE GASPARILLA INN TALLER WATER TANK, 1955)	26 45 11.03 82 15 39.85	339.5 1101.1	NOT DGTZD	TRIANG	TRIANG REC 03/05/80	11425 11426
LIGHT HOUSE	(SOUTH BOCA GRANDE LIGHTHOUSE, 1934) ABANDONED	26 43 01.08 82 15 39.95	33.2 1104.2	NOT DGTZD	TRIANG	TRIANG REC 03/05/80	11425 11426

FORM C&GS-8352
(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
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