

TP-00983

TP-00983

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-00983	Edition No. 1
Job No. CM-7715	
Map Classification Final Field Edited	
Type of Survey Shoreline	
LOCALITY	
State Florida	
General Locality Tampa Bay	
Locality Little Manatee River to Terra Ceia Bay	
1977 TO 1978	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. 00983	
DESCRIPTIVE REPORT - DATA RECORD				☒ ORIGINAL		MAP EDITION NO. (1)	
				☐ RESURVEY		MAP CLASS Final Field	
				☐ REVISED		JOB edited PH-CM-7715	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Rockville, Md.				TYPE OF SURVEY		JOB PH.	
OFFICER-IN-CHARGE				☐ ORIGINAL		MAP CLASS	
Cmdr. James Collins				☐ RESURVEY		SURVEY DATES:	
				☐ REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
General Instructions-Office-NOS Cooperative Coastal Boundary Mapping-Job PH-7000 9 December 1975 Office 18 August 1977 Amendment I 3 January 1978 Amendment II 27 March 1978				Field Instructions 27 December 1976 Field Instructions 11 August 1977 Supplement I 6 May 1977 Amendment - Field Edit Procedures 30 January 1978			
II. DATUMS							
1. HORIZONTAL: ☒ 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: ☒ MEAN HIGH-WATER ☐ MEAN LOW-WATER ☐ MEAN LOWER LOW-WATER ☐ MEAN SEA LEVEL				OTHER (Specify)			
3. MAP PROJECTION				4. GRID(S)			
Lambert Conformal Conic				STATE		ZONE	
				Florida		West	
5. SCALE				STATE		ZONE	
1:20,000							
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				S. Solbeck		April 1978	
METHOD: Analytic LANDMARKS AND AIDS BY				N/A			
2. CONTROL AND BRIDGE POINTS PLOTTED BY				J. Taylor		May 1978	
METHOD: Coradomat CHECKED BY							
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				N/A			
COMPILATION CHECKED BY							
INSTRUMENT: CONTOURS BY				N/A			
SCALE: CHECKED BY							
4. MANUSCRIPT DELINEATION PLANIMETRY BY				R. Rich		Sept 1978	
CHECKED BY				J. Battley		Sept 1978	
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				J. Battley		Sept 1978	
6. APPLICATION OF FIELD EDIT DATA BY				F. Wright		Jan 1979	
CHECKED BY				P. Dempsey		Jan 1979	
7. COMPILATION SECTION REVIEW BY				P. Dempsey		April 1979	
8. FINAL REVIEW BY				P. Dempsey		Mar 1984	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY							
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				P. Dempsey		Mar 1984	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				E. DAUGHERTY		Nov 1984	

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

COMPILATION SOURCES

TP-00983

1. COMPILATION PHOTOGRAPHY

CAMERA(S) RC-8-E, RC-10-K		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE ☐ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☒ TIDE CONTROLLED PHOTOGRAPHY		(C) <u>COLOR</u> (P) PANCHROMATIC RIR <u>INFRARED</u>		ZONE Eastern ☒ STANDARD MERIDIAN 75th ☐ DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
77E(C) 4431-4432	10/14/77	0932	1:30,000	The stage of tide is inapplicable for color photography. Refer to 76-36B(1) for tide information.	
77E(C) 4439	10/14/77	0936	1:30,000		
77E(C) 4455-4461	10/14/77	1012	1:30,000		
77K(R) 0945 0947	10/14/77	1407	1:30,000		
77K(R) 0952-0953	10/14/77	1410	1:30,000		
77K(R) 0978-0985	10/14/77	1450	1:30,000		

REMARKS

The rectified photography is B&W from the color photographs listed above.

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the tide-coordinated infrared photography listed in item 1. Where the MHW line is obscured by vegetation, such as mangrove, the apparent shoreline is compiled.

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

The GCLW photography was not available at time of compilation within accuracy standards. The low-water line was not compiled.

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
Inapplicable					

5. FINAL JUNCTIONS

NORTH TP-00980 TP-00981	EAST N/A	SOUTH CM-7717	WEST TP-00982 TP-00984
-------------------------------	-------------	------------------	------------------------------

REMARKS

Final junctions will be 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 - 00983

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
77KR 0945-47	Bradenton MHW	-0.07	
77KR 0978-85	Appollo Beach MHW	-0.21	
77KR 0952-53	Bradenton MHW	-0.07	

REMARKS:

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

HISTORY OF FIELD OPERATIONS

TP-00983

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATIONUnder ltr. dtd. 1/30/78 fr
Chief, Coastal Mapping

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.R. Wagner	Dec 1978
2. HORIZONTAL CONTROL	RECOVERED BY P. Dempsey ESTABLISHED BY N/A PRE-MARKED OR IDENTIFIED BY N/A	Dec 1978
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 P. Dempsey LOCATED (Field Methods) BY N/A IDENTIFIED BY P. Dempsey	Dec 1978 Dec 1978
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☒ SPECIFIC NAMES ONLY BY ☐ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY P. Dempsey	Dec 1978
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N/A	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (Clarification of details) 77E-4432, 4439, 4456, 4458, 4460, 4461 77KR-0952			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
77E 4461	Port Manatee Channel Range Front and Rear Lights		
5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE		6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE	
7. SUPPLEMENTAL MAPS AND PLANS USGS Quadrangle Cockroach Bay, Florida			
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)			

NOAA FORM 76-36C
(3-72)

* U.S. G.P.O. 1972-769381/567 REG.#6

RECORD OF SURVEY USE

TP-00983

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class III	10/12/77			
Final	1/22/79			

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		6/26/79	Digitized forms (76-40) Submitted

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

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

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	



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

Coastal Zone Map TP-00983 is one of fourteen 1:10,000 scale and one 1:20,000 scale shoreline maps in Project CM-7715. 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-7715 will show the location of the individual maps from Rattlesnake Key to Oldsmar, Florida. A copy of the layout is included in this Descriptive Report.

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

Color compilation photography was taken with the RC-8-E camera at 1:30,000 scale in October, 1977 and used in clarifying detail and compiling landmarks and aids to navigation. The shoreline was compiled using 1:30,000 scale infrared MHW photography taken with the RC-10-B & K cameras in November, 1977.

The Aerotriangulation Unit in Rockville, Maryland bridged five strips of 1:60,000 scale black and white photography using analytic aerotriangulation methods.

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

Field edit was completed in December, 1978. Recovery and location of landmarks, fixed aids to navigation, piling, etc., were omitted from the field edit procedures as per memo dated January 30, 1978, from chief, Coastal Mapping Branch. These items were compiled, to the extent possible, by office photogrammetric methods. The editor was required to only visually verify their existence at the time of edit. Their locations were not field checked. Field edit requirements in the foreshore and adjacent areas remain unchanged.

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 March, 1984. This map meets the requirements for National Standards of Map Accuracy.

The context of this Descriptive Report contains all pertinent reports and listings of data used to compile this final map.

FIELD REPORT FOR CM-7715 & CM-77171. GENERAL

This report covers pre-marking, photo identification of control points, high and low water photographs. The project instructions were changed by Chief, Planning Branch in the range of tide for tidal photographs due to weather conditions.

Due to the size of pre-mark targets and the congestion of the area and targets being destroyed it was necessary to photo identify control points. This part of the field work was delayed due to receiving of the necessary photographs.

There were a number of tide gauges in operation at the time of photography that could be used to supplement tidal data.

2. HORIZONTAL CONTROL

The following control stations were pre-marked or identified.

Control Point No. 1 DUNEDIN MUN N TANK 1972, Sub-point marked with array No. 1 with one wing. The data for this station was submitted with CM-7612 target No. 8. This station was not marked again because the grass on the golf course is still dead from when it was paneled a year ago. This panel should be transferred from CM-7612 photos.

Control Point No. 2 BOOTH 1926, Marked direct with array No. 1 and two wings.

Control Point No. 3 CYPRESS 2 1960 1975, Sub-point marked with array No. 1 and no wings. No room for wings.

Control Point No. 4 PETER 1946, Station marked direct with array No. 1 and no wings.

Control Point No. 5 TAMPA PENINSULAR TELEPHONE CO. MOBILE MAST 1955, Station marked direct on old base for tower without wings at request of owner.

Control Point No. 6 COL 1957. No target used. Station is a good point in center of bay in sea wall.

Control Point No. 7 PORT TAMPA, BLACK MUN TANK 1945, Station marked with array No. 1 on remains of standpipe. The tank has been removed. The four tank footings should be used as wings.

Control Point No. 8 GADSDEN 2-1908, Station marked direct with two wings.

Control Point No. 9 Y6 (FGS) 1934, Station marked direct with two wings.

Control Point No. 10 GANBY 1973, Station marked direct with one wing.

Control Point No. 11 BRIGHTWATER B 1973, Sub-point is center of approx. 12X12 foot dock. No target used, see photo 77C7488.

Control Point No. 12 FEDERAL 1973, Station marked direct on top of building. No wings used.

Control Point No. 13 TAMP 1954, Sub-point marked with array No. 1 and one wing.

Control Point No. 14 DESOTO 1973, Sub-point with no target used.

Control Point No. 15 STUMP 1957, Sub-point. Panel destroyed and not replaced. Rockville office stated not needed because other target appears on this line.

Control Point No. 16 SUN CITY POWER CO SILVER WATER TANK 1934, Marked direct in center of four footings with array No. 1 without wings. Tank has been removed.

Control Point No. 17 GILLETTE 1934, Sub-point is the center of three concrete slabs in cemetery. No target used.

Control Point No. 18 MCNIEL 2 1958, Sub-point panel was marked with array No. 1 without wings. This panel was not in place at time of photography. Other sub-points A & B were identified on photo 77C7504.

Control Point No. 19 PALM 3 1924, Sub-point marked with array No. 1 without wings. Wings were not used at request of owner.

Control Point No. 20 MANATEE SILVER MUN WATER TANK 1925 (Cor of 10th St. and 9th Ave), Sub-point marked with array No. 1 and no wings.

Control Point No. 21 CONNER 1954, Station marked direct with array No. 1 without wings. No room for wings.

Control Point No. 22 SCHROEDER 1934, Station marked direct with array No. 1 and two wings.

Control Point No. 23 AMBER TR 27 (USE) 1953, Sub-point marked with array No. 1 and two wings.

Control Point No. 24 WHITFIELD ESTATES TANK 1934, Marked direct with array No. 1 and no wings. Tank is destroyed and target placed in center of tank footings.

Control Point No. 25 SARASOTA, RADIO STATION WSPB MAST 1953, Concrete base identified direct on 77C7516. The mast has been removed and a new mast was built west of old base in the last part of 1970.

Control Point No. 26 NORTHWEST 1878, Two sub-points were identified on photo 77C7518

Control Point No. 27 TT 41 JA 1952, Two sub-points were identified on photo 77C7523

3. PHOTOGRAPHS

Bridging - All bridging photography was flown on October 5, 1977.

Low Water - Flown on October 13 and 14, 1977

High Water - Flown on October 14 and November 8, 1977

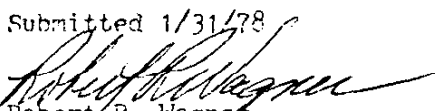
4. TIDAL DATA

Leveling for tide station 872 6621, Port Tampa was done by this party and is submitted in one NOAA Form 76-77 for prior and after photography. All other tide stations used were leveled by Photo Party 65 when gages were removed. This data is in Tides Branch, Rockville, Maryland.

The following twelve tidal stations were used:

872-6520 (St Petersburg) in two volumes, 872-5943 (Blackburn Point) and 872-5889 (Venice, Roberts Bay) in one volume, 872-6621 (Port Tampa), 872-6247 (Bradenton), 872-6348 (Two Brothers Island), 872-6243 (Anna Maria), 872-6278 (Redfish Point), 872-6537 (Apollo Beach), 872-6159 (Whitfield Estates), 872-6738 (Safety Harbor) and 972-6639 (Ballast Point)

Submitted 1/31/78


Robert R. Wagner
Chief, Photo Party 66

PHOTOGRAMMETRIC PLOT REPORT

CM-7715

Tampa Bay, Florida

April 1978

21. Area Covered

The area covered by this report is the immediate shoreline surrounding Tampa Bay, Florida.

Fourteen 1:10,000 scale manuscripts (TP-00970 thru TP-00982 and TP-00984) and one 1:20,000 scale manuscript (TP-00983) are submitted.

22. Method

Five strips of 1:60,000 scale black-and-white photography were bridged by analytic aerotriangulation methods. Control was field identified. Office identified control was used as a check.

Tie points were used to insure adequate junctioning during the strip adjustments. Tie points were also used to ensure adequate junctioning between project CM-7612 and this project. These latter tie points provided the initial control for strip 77-C 7393 to 7401.

Common points were located on the bridging photography and the tide-coordinated infrared being used for ratio purposes. Additional common points were located between the bridging photography and the 1:30,000 scale color photography for compilation purposes. These latter points were located by the compilation section.

The manuscripts will be plotted by the compilation section.

23. Adequacy of Control

The majority of control proved adequate according to National Map Accuracy standards.

The position for Tampa Peninsular Telephone Company Mobile Mast, 1955 (401 100) would not fit into the adjustment by 310 feet in X and 998 feet in Y. The panel was apparently not located correctly by the field party. The correct image was located and measured accurately. The paneled location was measured on two separate strips and used to tie the strips together.

24. Supplemental Data

USGS quads were used to provide vertical control for the strip adjustments. Nautical charts 11413 and 11414 were used to locate aids and landmarks.

25. Photography

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

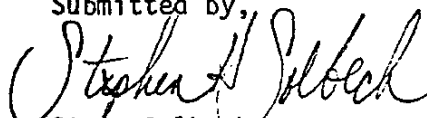
26. Comments on Strip Adjustment

Preliminary strip adjustments of strips 2 and 4 indicate that discrepancies exist that are not normally expected. In strip 2 three points were used to form the second degree adjustment curve, and two control points were "floated" - to be used as check points. One fit within 2 feet and the other was off about 10 feet. These same two points were also "floated" in strip 3, both fit within less than 3 feet.

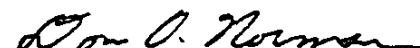
A similar phenomenon exists on strip 4 where again three points are used for the adjustment and a seemingly good check point is off about 12 feet.

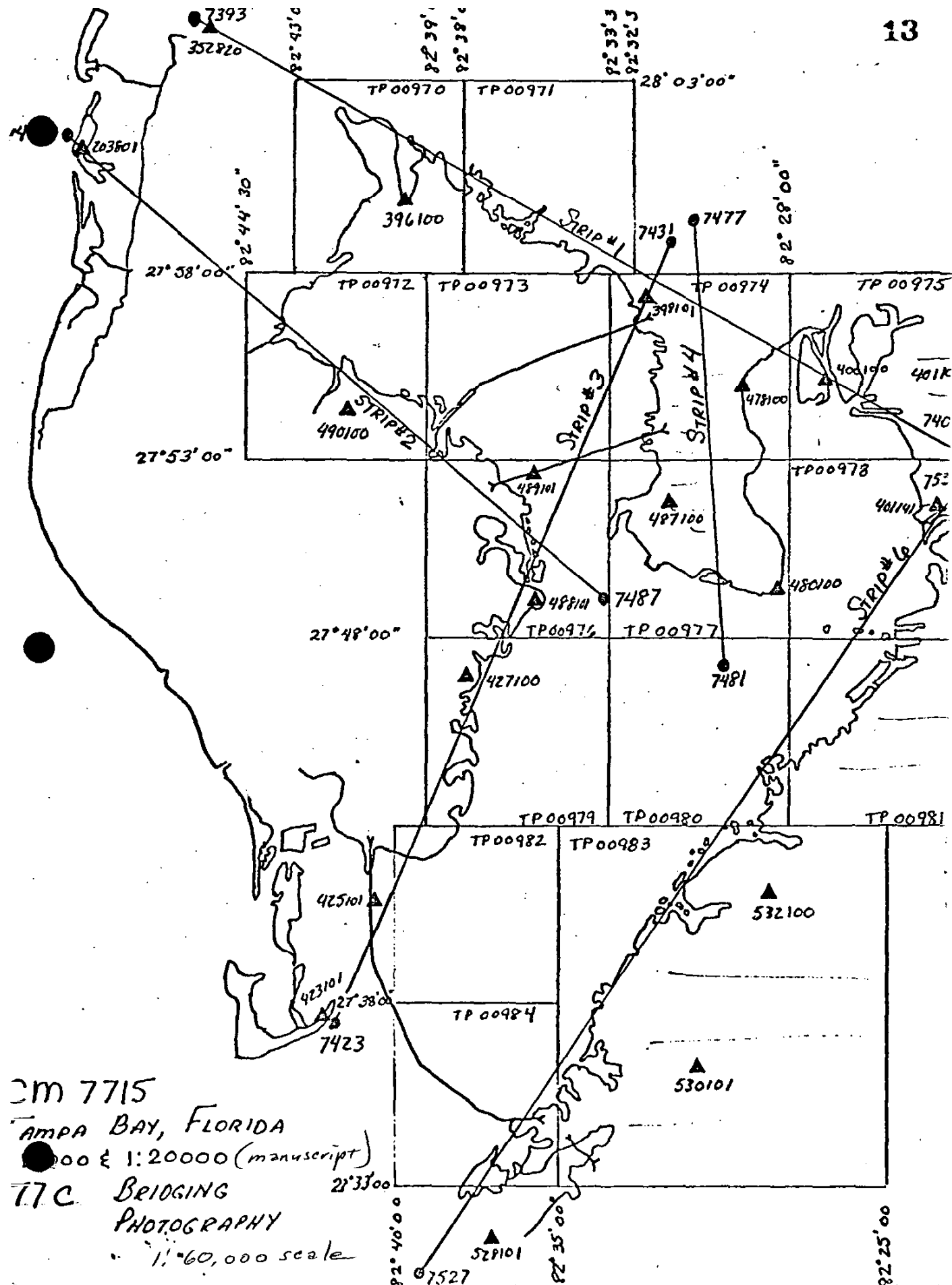
The cause of this "lack of fit" can not be satisfactorily explained, however, the discrepancies in the vicinity of these control points can be reduced by using them in the adjustment. By doing this, they fit to within 6 feet.

Submitted by,


Steve Solbeck

Approved and forwarded:


Acting Chief, Aerotriangulation Section



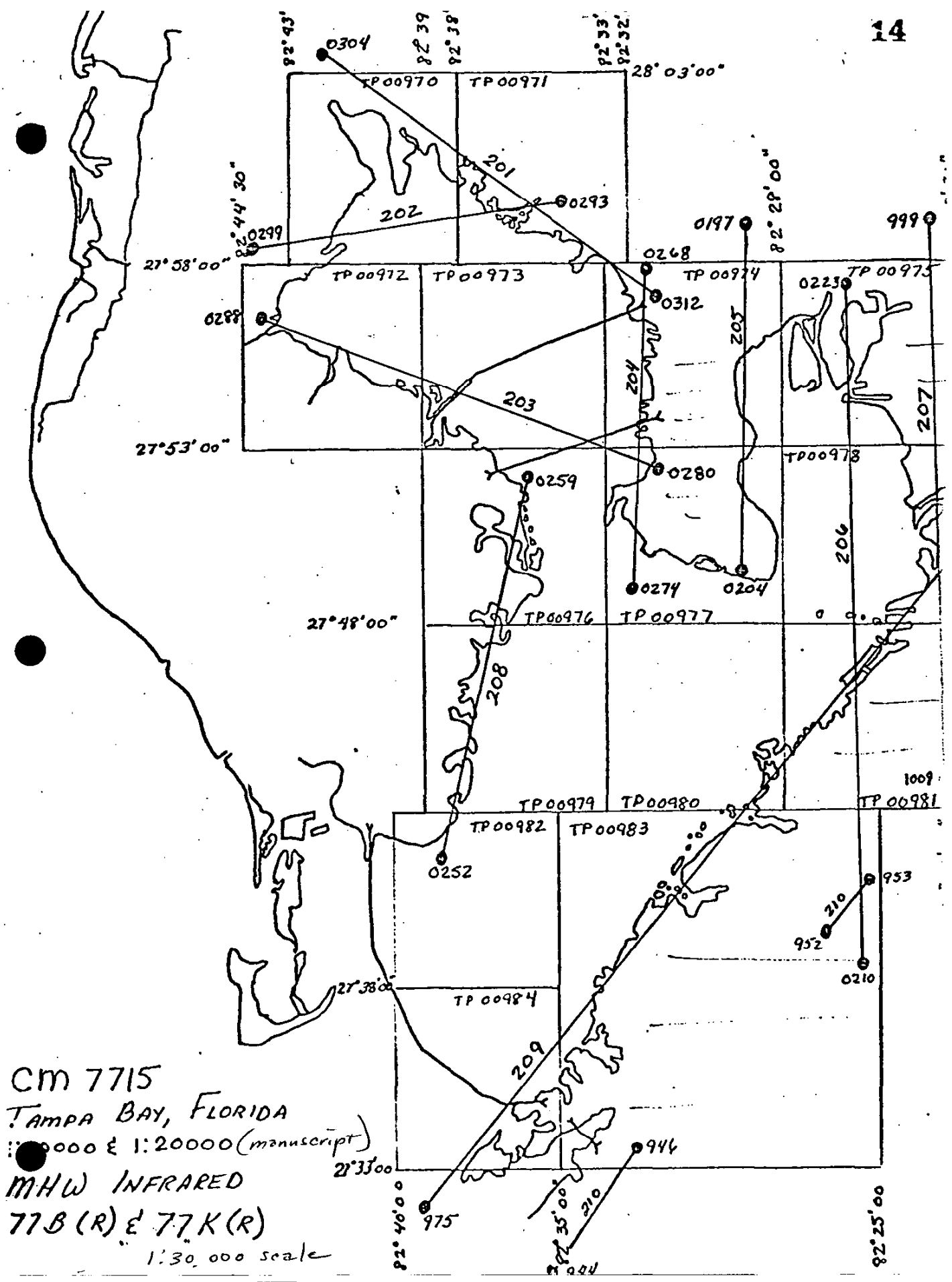
3m 7715

TAMPA BAY, FLORIDA

000 & 1:20000 (manuscript)

77C BRIDGING
PHOTOGRAPHY

1" = 60,000 scale



CM 7715
 TAMPA BAY, FLORIDA
 1:20000 (manuscript)
 MHW INFRARED
 77B(R) & 77K(R)
 1:30,000 scale

TAMPA BAY, FLORIDA CM-7715

Accruacy of Control

		X	Y
STRIP #1	258830	- .075	+ .558
	352820	+ .407	- .915
	396100	+ .728	+ .686
	398101	+ .318	+ .045
	400100	+ .064	- .938
	401141	+ .020	+ .559
STRIP #2	487100	-1.574	+ 2.163
	488101	- .563	- 5.231
	489101	-1.510	+ 2.273
	490100	+4.496	+ .554
	203801	- .851	+ .243
	262830	+ .222	+ 1.876
STRIP #3	423101	+1.262	+ 1.806
	425101	-1.726	- 2.149
	427100	-1.276	- 1.487
	488101	+1.998	- .753
	487100	+2.260	+ 1.868
	489101	+2.764	- 2.448
	478100	-3.540	+ 2.008
	398101	+3.021	- 2.046
STRIP #4	398101	-1.366	- 3.579
	400100	+5.121	- 1.143
	478100	-3.185	+ 3.309
	487100	-2.260	+ 1.533
	480100	+1.085	+ .731
	478801	+ .605	- .851
STRIP #6	528101	-4.052	+ 1.220
	528102	-4.149	- .277
	530101	-1.116	- 2.404
	532100	-1.592	+ 4.189
	480100	+4.226	- 2.684
	401141	+4.864	- 2.402
	401100	- .248	+ .134
	401111	-1.335	+ 1.275

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY		
TP-00983	CM-7715	N A 1927	Rockville, Md.		
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE ZONE	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
Gillette, 1934	P.C.3 pg 5 GP Vol I pg 117	530100	X= 329,105.65 Y= 1,185,538.46	φ λ	
Tampa Bay Cut B Channel Range Front Light, 1957	Vol II pg 90	306	X= 316,044.25 Y= 1,223,786.68	φ 27° 41' 57.778" λ 82° 34' 06.542"	
Tampa Bay Cut B Channel Range Rear Light 1957	"	532154	X= 319,798.65 Y= 1,228,594.73	φ 27° 42' 45.559" λ 82° 33' 25.017"	
Tampa Bay Cut C Channel Range Front Light, 1957	Vol II pg 91	532152	X= 326,043.29 Y= 1,225,112.53	φ 27° 42' 11.352" λ 82° 32' 15.369"	
Tampa Bay Cut C Channel Range Rear Light, 1957	"	532153	X= 330,764.18 Y= 1,227,671.25	φ 27° 42' 36.891" λ 82° 31' 22.969"	
Tampa Bay Cut D Channel Range Front Light, 1957	Vol II pg 92	78	X= 315,859.90 Y= 1,215,762.21	φ 27° 40' 38.308" λ 82° 34' 08.181"	
Tampa Bay Cut D Channel Range Rear Light, 1957	"	79	X= 313,083.68 Y= 1,211,517.62	φ 27° 39' 56.148" λ 82° 34' 38.838"	
			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 R. Rich	DATE 9/28/78	LISTING CHECKED BY J. Battley	DATE Sept. 1978		
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE		

Compilation Report

TP-00983

Sept. 1978

31. Delineation

All shoreline and interior features were delineated by graphic methods. Rectified photos, controlled by map points determined by Aerotriangulation were used to interpret cultural features. The location of shallow, shoal, and channel lines were taken from the rectified prints. The MHW line was compiled from office interpretation of ratio, tide-coordinated, black and white infrared photography which was controlled by cultural features of the rectified photos.

32. Horizontal Control

Horizontal control was adequate. (See Photogrammetric Plot Report)

33. Supplemental Data

Sketches were provided by the tides and water level sections to locate applicable tide stations.

34. Contours and Drainage

Contours not applicable.

Drainage applied as depicted on infrared photography.

35. Shoreline and Alongshore Details

No problems were encountered in interpreting shoreline and along-shore details.

There is a large Spoil Area near Port Manatee with no geographic name.

36. Offshore Detail

No problems were encountered.

37. Landmarks and Aids

Refer to Form 76-40

38. Control for Future Surveys - None

39. Junctions

Refer to Form 76-36B

40. Horizontal and Vertical Accuracy

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following USGS quadrangles:

Cochroach Bay, Fla., 1956 (Photo revised 1969 and 1972)

Scale - 1:24,000

Palmetto, Fla., 1964 (Photo revised 1969) Scale - 1:24,000

Ruskin, Fla., 1956 (Photorevised 1969) Scale - 1:24,000

47. Comparison with Nautical Charts

Comparison was made with the following Nautical Chart:

11414 - 23rd Edition, May 13, 1978

Items to be applied to charts immediately: None

Items to be carried forward: None

Submitted by,



Ronald Rich
Cartographer

Approved and Forwarded:



J.P. Battley, Jr.
Chief, Coastal Mapping Section

FIELD EDIT REPORT TP-00983, JOB. CM- 771551. METHODS

Field edit was performed under instruction dated 1/30/78 from Chief, Coastal Mapping Division, Rockville, Maryland.

The shoreline was inspected from a small boat while cruising just off shore and by truck.

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. RECOMMENDATION

None

55. EXAMINATION OF PROOF COPY

Not required.

56. GEOGRAPHIC NAMES

Mr. A. D. Richie of Sun City, Florida 50 years of commercial fishman and Mr. Mike Pellum of Sun City, Florida 25 years of commercial fishman agree on the name Marys Point. See USGS quadrangle Cockroach, Bay, Florida and Discrepancy Print.

Port Manatee position is correct on quadrangle Cockroach Bay, Florida. Signs at the Port and the Light List are in agreement for this name.

Submitted 12/21/78


Robert R. Wagney
Chief, Photo. Party 66

REVIEW REPORT
TP-00983
March 1984

61. General Statement

Refer to the summary bound with this Descriptive Report.

62. Comparison With Registered Topographic Surveys - None

63. Comparison With Maps of Other Agencies

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

64. Comparison With Contemporary Hydrographic Surveys - None

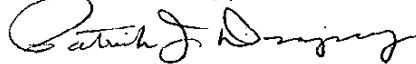
65. Comparison With Nautical Charts

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

66. Adequacy of Results and Future Surveys

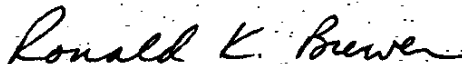
This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by,



Patrick J. Dempsey
Cartographer

Approved and Forwarded,


for George M. Ball
Chief, Photogrammetric Section
Ronald K. Brewer
Chief, Photogrammetry Branch

May 14, 1977

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7715 (Tampa Bay, Florida)

TP-00983

Andrews Creek	Frog Creek
Beacon Key	Goat Island
Beacon Pass	Gooseneck Pass
Big Cockroach Mound	Gulf City
Big Cockroach Pass	Hallelujah Keys
Big Pass	Harbor Key
Big Pass Key	Hayes Bayou
Bishop Harbor	Hells Half Acre
Bolster Bayou	Hole in the Wall Pass
Buoy Pass	Horseshoe Key
Camp Key	Jump Pass
Chicken Island	Kitchen Key
Clambar Bay	Little Cockroach Bay
Cockroach Bay	Little Cockroach Island
Cockroach Channel	Little Cockroach Rock Pass
Cockroach Creek	Little Manatee River
Coon Creek	Little Redfish Creek
Devils Elbow	Mags Hole
Dung Islet	Mariposa Key

Continued

GEOGRAPHIC NAMES

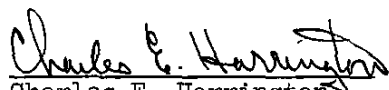
FINAL NAME SHEET

CM-7715 (Tampa Bay, Florida)

TP-00983

Marys Lake	Piney Point (locality)	Southeast Head
Marys Lake Pass	Piney Point Creek	South Stop
Marys Point	Port Manatee	Sun City
McMullen Creek	Rubonia	Tampa Bay
Mill Bayou	Ruskin	Terra Ceia
Moody Point	Sand Key	Terra Ceia Bay
Moses Hole	Seaboard Coast Line (RR)	Terra Ceia Island
Negro Island	Sea Breeze Point	Terra Ceia River
Northeast Head	Shell Key	Tropical Island
Palmetto Point	Snag Point	Whiskey Key
Palm View	Snake Island	Wildcat Creek
Paradise Key	Snake Key	Williams Bayou
Piney Point		

Approved by:


Charles E. Harrington
Chief Geographer - C3x5

Bridging photographs
Tidal bench mark descriptions
Sketches and computations
Field edit discrepancy print
Field photographs
CSI cards

Registered copy of each map
Descriptive Report of each map

8x Reduction negative of each map

Geographic Names Standard

PHOTOGRAMMETRIC BRANCH
 COASTAL MAPPING DIVISION
 NATIONAL OCEAN SURVEY
 DEPARTMENT OF COMMERCE USA
 NOAA

* SVY TP00983 * RPT UNIT CMD, ROCKVILLE, MD. * PAGE 1 OF 4
 * JOB CM7715 * STATE FLORIDA *
 * PRJ 833205 * LOCALITY TAMPA BAY * ORIGINATING ACTIVITY
 * DTM NA1927 * DATE 01/22/79 * COMPILATION

* OBJECTS INSPECTED FROM SEAWARD * PHOTO FIELD PARTY
 * POSITIONS DETERMINED * ROBERT R. WAGNER * FIELD REPRESENTATIVE
 * AND/OR VERIFIED BY * FRANK A. WRIGHT * OFFICE COMPILER
 * FIELD AND OFFICE * ALFRED BETHA * DIGITIZER
 * ACTIVITIES * JAMES H. TAYLOR * DATA PROCESSER

KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION
 * FIELD (CONT'D)

* 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

* P-8-V
 * 8-12-77
 * 74L(C)2982

FIELD
 1. NEW POSITION DETERMINED OR VERIFIED

KEY TO SYMBOLS
 F-FIELD
 L-LOCATED
 V-VERIFIED
 1-TRIANGULATION
 2-TRAVERSE
 3-INTERSECTION
 4-RESECTION

5-FIELD IDENTIFIED
 6-THEODOLITE
 7-PLANETABLE
 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

* 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.

2. TRIANGULATION STATION RECOVERED
 WHEN A LANDMARK OR AID WHICH IS ALSO A TRI-
 ANGULATION 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.

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATA TAB
VERSION
782707

* SVY	TP00983	* * *	NONFLOATING AIDS FOR CHARTS	* RPT UNIT	CMD, ROCKVILLE, MD.	* PAGE 2 OF 4	* *
* JOB	CM7715	* * *	TO BE CHARTED	* STATE	FLORIDA	* * *	* *
* PRJ	833205	* * *		* LOCALITY	TAMPA BAY	* ORIGINATING ACTIVITY*	* *
* DTM	NA1927	* * *		* DATE	01/22/79	* * COMPILATION	* *

* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *

[illegible]

* * * * *

* * 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.

* * * * *

* * *	TAMPA BAY	* * *
* * *	CUT B CHANNEL	* * *

* * -RGE F * (CUT B CHANNEL RANGE FRONT	* 27 41 57.77	1778.2	NOT *TRIANG	* * 11413 *
* * LIGHT * LIGHT, 1957)	* 82 34 06.54	179.2	DGIZD*	* * 11414 *
* * -RGE R *	* 27 42 45.56	1402.4	*77C7532	* * 11413 *
* * LIGHT * RANGE REAR LIGHT	* 82 33 25.02	685.4	* 10/05/77	* * 11414 *

*	TAMPA BAY		* * *
*			* * *
*	PORT MANATEE CHANNEL		* * *

* -RGE F *	* 27 37	* 51.44	* 1583.3	* *	* P-5	* 11413 *
* LIGHT *	* 82 33	* 35.52	* 973.8	* *	* 12/18/78	* 11414 *
* -RGE R *	* 27 37	* 36.33	* 1118.2	* *	* P-5	* 11413 *
* LIGHT *	* 82 33	* 13.50	* 370.1	* *	* 12/18/78	* 11414 *

* -LIGHT *	* 27	* 38	* 24.04	* 740.0	* 77E4461	* V-VIS	* 11413 *
* *	* 82	* 34	* 27.67	* 758.5	* 10/05/77	* 12/14/7A	* 11414 *

[illegible]

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

* SVY TP00983 *
* JOB CM7715 *
* PRJ 833205 *
* DTM NA1927 *
* RPT UNIT CMD, ROCKVILLE, MD. *
* STATE FLORIDA *
* LOCALITY TAMPA BAY *
* DATE 01/22/79 *
* ORIGINATING ACTIVITY *
* COMPILATION *
* PHOTO FIELD PARTY *
* FIELD REPRESENTATIVE *
* OFFICE COMPILER *
* DIGITIZER *
* DATA PROCESSER *
* ROBERT R. WAGNER *
* ROBERT R. WAGNER *
* FRANK A. WRIGHT *
* ALFRED BETHEA *
* JAMES H. TAYLOR *
* PHOTO FIELD PARTY *
* FIELD REPRESENTATIVE *
* OFFICE COMPILER *
* DIGITIZER *
* 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 *
* 2. TRIANGULATION STATION RECOVERED *
* WHEN A LANDMARK OR AID WHICH IS ALSO A TRI- *
* ANGULATION 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 *

* FIELD *
* 1. NEW POSITION DETERMINED OR VERIFIED *
* KEY TO SYMBOLS *
* F-FIELD *
* L-LOCATED *
* V-VERIFIED *
* 1-TRIANGULATION *
* 2-TRAVERSE *
* 3-INTERSECTION *
* 4-RESECTION *
* A. FIELD POSITIONS* SHOW THE METHOD OF *
* LOCATION AND DATE OF FIELD WORK. *
* EXAMPLE F-2-6-L *
* 8-12-76 *

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

76740
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
782707

* SVY	TP00983	* NONFLOATING AIDS FOR CHARTS	* RPT UNIT	CMD, ROCKVILLE, MD.	* PAGE	3 OF	4	* *
* JOB	CM77115	* TO BE CHARTED	* STATE	FLORIDA	* ORIGINATING	ACTIVITY	* *	
* PRJ	833205		* LOCALITY	TAMPA BAY	* COMPILATION		* *	
* DTM	NA1927		* DATE	01/22/79			* *	

***** THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *****

[illegible][illegible][illegible][illegible]

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.

[illegible]