

TP-00977

TP 00977

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-00977	Edition No. 1
Job No. CM-7715	
Map Classification Final Field Edited	
Type of Survey Shoreline	
LOCALITY	
State Florida	
General Locality Tampa Bay	
Locality Port Tampa to Gadsden Point	
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. 00977	
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 7 Mar 1978				Field Instructions 27 December 1976 Field Instructions 11 August 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	
1:10,000							
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				N/A			
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				N/A			
COMPILATION CHECKED BY							
INSTRUMENT: CONTOURS BY				N/A			
SCALE: CHECKED BY							
4. MANUSCRIPT DELINEATION PLANIMETRY BY				E. Allen		Aug 1978	
CHECKED BY				C. Lewis		Aug 1978	
METHOD: Graphic CONTOURS BY				N/A			
CHECKED BY							
SCALE: 1:10,000 HYDRO SUPPORT DATA BY				N/A			
CHECKED BY							
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				J. Battley		Aug 1978	
6. APPLICATION OF FIELD EDIT DATA BY				C. Lewis		Oct 1978	
CHECKED BY				J. Schad		Feb 1979	
7. COMPILATION SECTION REVIEW BY				F. Wright		Feb 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							

COMPILATION SOURCES

TP-00977

1. COMPILATION PHOTOGRAPHY

CAMERA(S) RC-8-E, RC-10-B		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE ☐ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☒ TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC RM) INFRARED		ZONE Eastern	☒ STANDARD
				MERIDIAN 75th	☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
77E 4154-4155	10/13/77	1017	1:30,000	The stage of tide is inapplicable for color photography. Refer to 76-36B(1) for tide information.	
77E 4198-4200	10/13/77	1109	1:30,000		
77BR 0272-0274	11/8/77	1204	1:30,000		
77BR 0202-0204	11/8/77	1100	1:30,000		

REMARKS

The rectified photograph 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 delineated.

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

GCLW tide-coordinated infrared photography was not available within accuracy standards.

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-00974	EAST	TP-00978	SOUTH	TP-00980	WEST	TP-00976
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 - 00977

LOCATION AND PHOTOGRAPHY	TIDE STATIONS <i>(In operation at time of photography)</i>	STAGE OF TIDE	MEAN RANGE
77BR 0272-0274 77BR 0202-0204	Port Tampa Ballast Point	+0.40 MHW -0.22 MHW	
REMARKS:			

HISTORY OF FIELD OPERATIONS

TP-00977

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	Sept 1978
2. HORIZONTAL CONTROL	RECOVERED BY J. D. Di Mare ESTABLISHED BY N/A PRE-MARKED OR IDENTIFIED BY N/A	Sept 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 J. D. Di Mare LOCATED (Field Methods) BY N/A IDENTIFIED BY N/A	Sept 1978
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY J. D. Di Mare	Sept 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-4154, 4155, 4198 thru 4200

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)

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

RECORD OF SURVEY USE

TP-00977

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class III	8/28/78			
Final	10/20/78			

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
5		8/26/79	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-00977 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 September 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.

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FIELD REPORT FOR CM-7715 & CM-7717

1. 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 gages 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 GANDY 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 WSPR 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

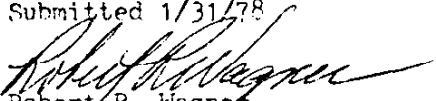
4. TIDAL DATA

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.

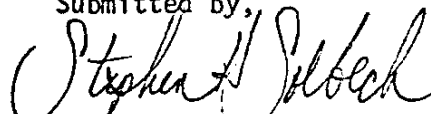
26. Comments on Strip Adjustment

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.

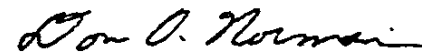
A similar phenomenon exists on strip 4 where again three points are used for the adjustment and a seemingly good check point is off about 12 feet.

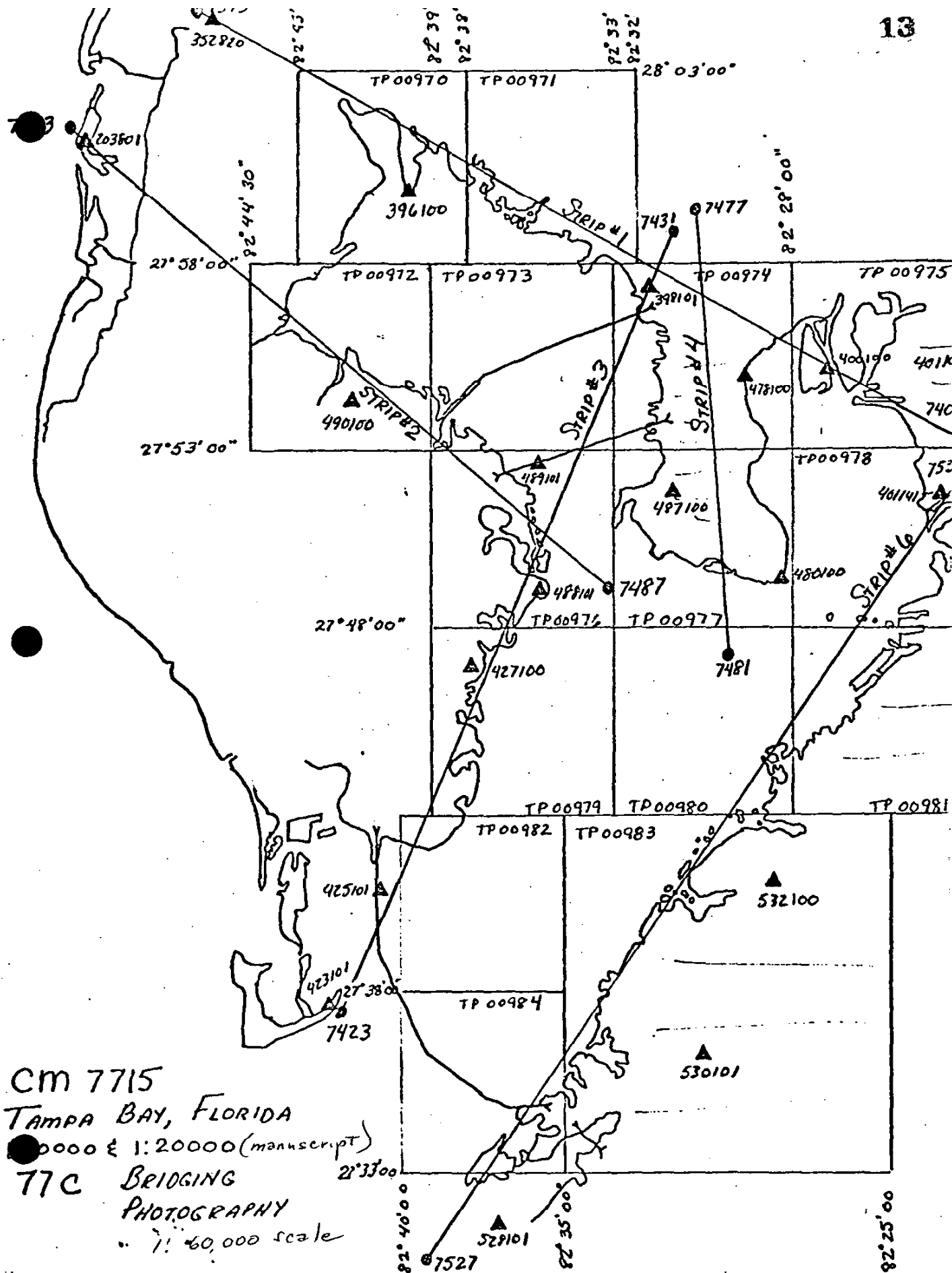
The cause of this "lack of fit" can not be satisfactorily explained, however, the discrepancies in the vicinity of these control points can be reduced by using them in the adjustment. By doing this, they fit to within 6 feet.

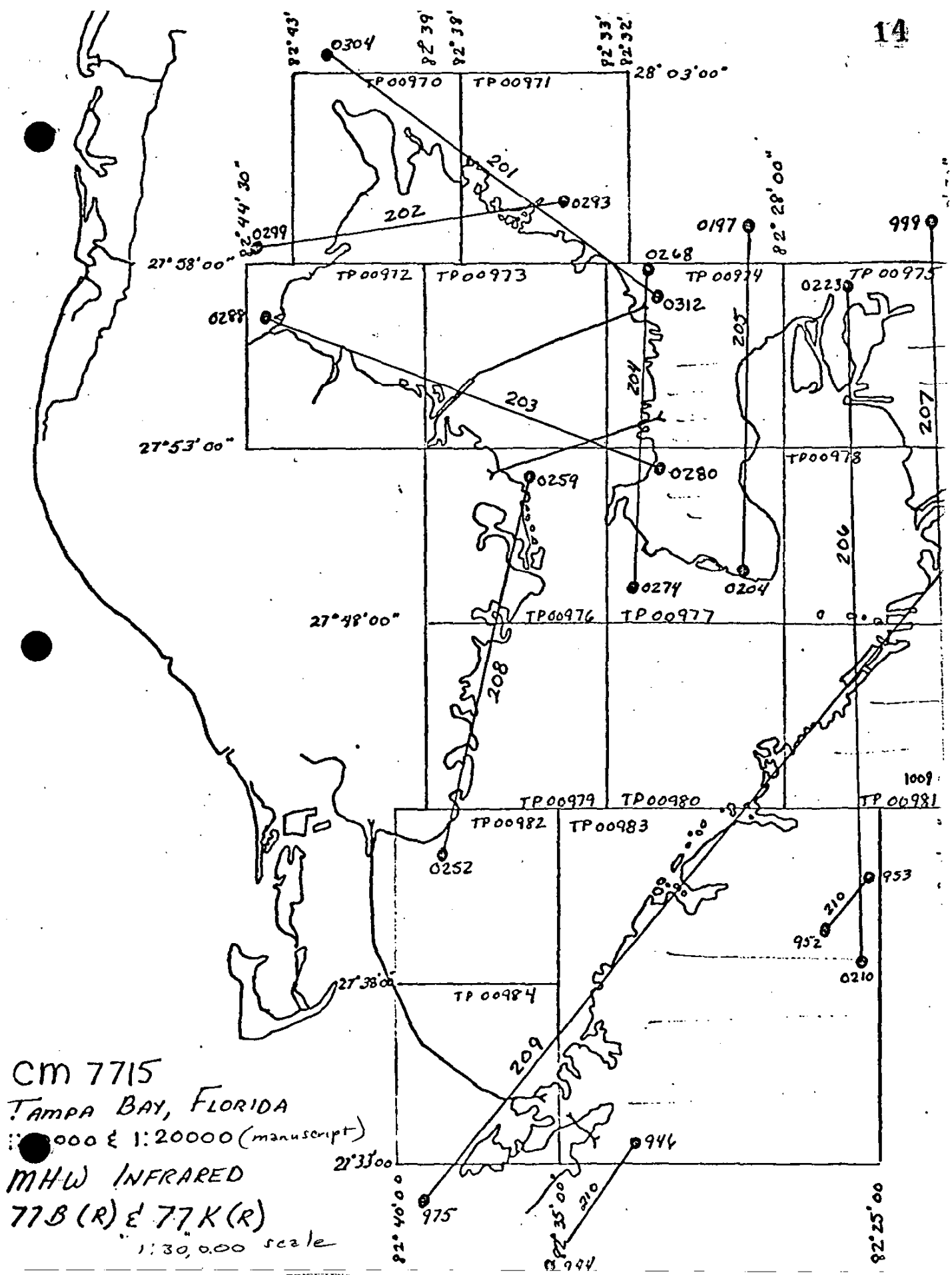
Submitted by,


Steve Solbeck

Approved and forwarded:


Acting Chief, Aerotriangulation Section





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.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	GEODETTIC DATUM		GEOGRAPHIC POSITION		REMARKS
					COORDINATES IN FEET STATE <u>Florida</u> ZONE <u>West</u>	ORIGINATING ACTIVITY	ϕ LATITUDE λ LONGITUDE		
TP-00977	CM-7715	Mac Dill Field, Flagpole 1946	P C Pg 71	264	X= 342,556.89 Y= 1,280,126.20	N A 1927	Rockville, Md.	ϕ λ	
		Port Tampa, Catholic Church Spire, 1908	Geod. List	269	X= 329,985.845 Y= 1,283,654.479			ϕ 27° 51' 51.226" λ 82° 31' 34.295"	
		AN/FPS 20A Search Radar, 1959	Vol II Pg 5	284	X= 347,421.89 Y= 1,272,442.99			ϕ 27° 50' 00.908" λ 82° 28' 19.548"	
		Mac Dill Field, Checkered Water Tank, 1946	PC W. Zone Pg 71	480144	X= 340,830.27 Y= 1,279,462.04			ϕ λ	
		Mac Dill Field, Hospital Stack, 1946	P C Pg 71	285	X= 343,286.87 Y= 1,269,325.99			ϕ λ	
		Mac Dill AFB, Hospital Water Tank, 1955	Geod. List	480143	X= 347,108.389 Y= 1,275,523.81			ϕ λ	
		Gadsden 2, 1908	P C 3 Pg 36	480100	X= 346,761.02 Y= 1,268,044.35			ϕ λ	
		Tampa Bay Cut F Channel Range Rear Light, 1957	Vol II Pg 86	288	X= 330,766.68 Y= 1,264,864.36			ϕ 27° 48' 45.193" λ 82° 31' 24.702"	
					X= Y= X= Y=			ϕ λ ϕ λ	
					X= Y=			ϕ λ	
COMPUTED BY				DATE	COMPUTATION CHECKED BY			λ	DATE
LISTED BY	S. Solbeck			DATE	LISTING CHECKED BY	B. Thornton			DATE
HAND PLOTTING BY				DATE	HAND PLOTTING CHECKED BY				DATE

Compilation Report

TP-00977

July 27, 1978

31. Deline^ation

All features were delineated by graphic methods utilizing black-and-white rectified prints of the 1:30,000 scale color photography.

The MHWL and apparent shoreline was delineated from tide-coordinated B&W infrared photography that was controlled by common detail compiled from the rectified photographs and selected pass points common to the bridging photography.

32. Horizontal Control

Control was adequate to meet National Map Accuracy Standards (See Photogrammetric Plot Report for details).

33. Supplemental Data

Field sketches indicating the location of applicable tide stations were supplied by Tides and Water Levels Section.

34. Contours and Drainage

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

35. Shoreline and Alongshore Detail

Office interpretation of the MHW infrared photography and the rectified prints of the color photography was adequate for delineating the shoreline and alongshore features.

No Gulf Coast low water was shown as the vertical accuracy of the photography was not within accuracy set forth in the instruction.

36. Offshore Details

No unusual problems were encountered in compiling details offshore.

37. Landmarks and Aids

Refer to Forms 76-40. Only those aids and landmarks that have a published position or were visible on the photography were shown.

38. Control for Future Survey - None

39. Junctions

Refer to Form 76-36B

40. Horizontal and Vertical Accuracy

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

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following 1:24,000, size USGS 7 1/2 inch topography quadrangles:

Port Tampa - Florida
Gibsonston - Florida

47. Comparison with Nautical Charts

Comparison was made with the following Nautical Charts:

Chart 11413 - Tampa Bay - Northern Part, scale 1:40,000

Items to be applied to Nautical Charts Immediately, None

Items to be carried forward - None

Submitted by,



Ed. Allen
Cartographer

Approved and Forwarded:



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

FIELD EDIT REPORT TP-00977, JOB CM-7715

51. METHODS

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

The shoreline was inspected from a small boat while cruising just off shore 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. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Not required.

Submitted: 9/19/78


Robert R. Wagner
Chief, Photo Party 66

REVIEW REPORT
TP-00977
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

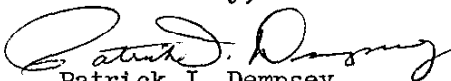
65. Comparison With Nautical Charts

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,


George M. Ball
Chief, Photogrammetric Section


Ronald K. Brewer
Chief, Photogrammetry Branch

May 16, 1979

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7715 (Tampa Bay, Florida)

TP-00977

Broad Creek

Catfish Point

Coon Hammock Creek

Gadsden Point

Hillsborough Bay

Interbay Peninsula

Long Bar

Long Shoal

Old Tampa Bay

Picnic Island

Picnic Island Creek

Port Tampa

Seaboard Coast Line (RR)

Tampa

Tampa Bay

Mac Dill AFB

Approved by:


Charles E. Harrington
Chief Geographer - C3x5

DISSEMINATION OF PROJECT MATERIAL.
CM-7715

National Archives/Federal Records Center

Red Jacket:

Field Notebooks - NOAA Forms 77-53
NOAA Form 76-77
Bridging photographs
Tidal bench mark descriptions
Sketches and computations
Field edit discrepancy print
Field photographs
CSI cards

Bureau Archives

Registered copy of each map
Descriptive Report of each map

Reproduction Division

8x Reduction negative of each map

Office of Staff Geographer

Geographic Names Standard

* SVY	TP00977	*	* RPT UNIT	CMD, ROCKVILLE, MD.	*	PAGE	1 OF 5	*
* JOR	CM7715	*	* STATE	FLORIDA	*			*
* PRJ	833205	*	* LOCALITY	PORT TAMPA	*	* ORIGINATING ACTIVITY		*
* DTM	NA1927	*	* DATE	10/18/78	*	* COMPILATION		*

* OBJECTS INSPECTED FROM SEAWARD	*		* JOSEPH DI MARE	*	* PHOTO FIELD PARTY			*
* POSITIONS DETERMINED	*		* JOSEPH DI MARE	*	* FIELD REPRESENTATIVE			*
* AND/OR VERIFIED BY	*		* CHARLES F. LEWIS	*	* OFFICE COMPILER			*
* FIELD AND OFFICE	*		* ALFRED BETHEA	*	* DIGITIZER			*
* ACTIVITIES	*		* JAMES H. TAYLOR	*	* DATA PROCESSOR			*

KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION

```

* OFFICE IDENTIFIED AND LOCATED OBJECTS.
* 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(CONT, D)
* B. PHOTOGRAMMETRIC FIELD POSITIONS** SHOW
* THE METHOD OF LOCATION OR VERIFICATION.
* DATE OF FIELD WORK AND NUMBER OF PHOTO-
* GRAPH USED TO LOCATE AND IDENTIFY THE
* OBJECT.
* EXAMPLE P-8-V

```

DEFINITION

* * * * *

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	\$	**PHOTOGRAMMETRIC FIELD POSITIONS ARE	*
*	*	OBSERVATIONS BASED ENTIRELY UPON GROUND	*	DEPENDENT ENTIRELY,OR IN PART,UPON CONTROL	*
*	*	SURVEY METHODS	*	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.

DATA TAB
VERSION
782707

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

76-40
LISTING

** SVY	TP00977	*	NONFLOATING AIDS FOR CHARTS	** RPT UNIT	CMD, ROCKVILLE, MD.	*	PAGE	2	OF	5	*
** JOB	CM7715	*	TO BE CHARTED	** STATE	FLORIDA	*					*
** PRJ	833205	*		** LOCALITY	PORT TAMPA	*	**ORIGINATING	ACTIVITY*			*
** DTM	NA1927	*		** DATE	10/18/78	*	** COMPILATION				*
** THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS **											
** DESCRIPTION * POSITION CMD * METHOD AND DATE * CHARTS * CHARTS *											
** CHARTING*	RECORD REASON FOR DELETION	*	LATITUDE	DM	ALTEK*	OF LOCATION	*				*
** NAME	PUT TRIANGULATION NAMES IN ()	*	LONGITUDE	DP	DG1ZD*	OFFICE	*	FIELD	*	AFFECTED*	*

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY
DEPARTMENT OF COMMERCE USA

NOAA

* SVY TP00977 * RPT UNIT CMD, ROCKVILLE, MD. * PAGE 3 OF 5 *
 * JOB CM7715 * NONFLOATING AIDS FOR CHARTS * STATE FLORIDA *
 * PRJ 833205 * TO BE CHARTED * LOCALITY PORT TAMPA * ORIGINATING ACTIVITY*
 * DTM NA1927 * DATE 10/18/78 * COMPILATION *

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

* CHARTING* RECORD REASON FOR DELETION * POSITION CMD * METHOD AND DATE *
 * NAME * PUT TRIANGULATION NAMES IN () * LATITUDE DM ALTEK* OF LOCATION * CHARTS *
 * * * * LONGITUDE DP DGTZD* OFFICE * FIELD *AFFECTED*

TAMPA BAY

HILLSBOROUGH BAY
MACDILL CHANNEL

* -RGE F * RANGE FRONT LIGHT * 27 51 33.92 1044.1 * 77E4199 * *
 * LIGHT * * 82 28 37.65 1030.1 * 10/13/77 * * 11413 *
 * -RGE R * RANGE REAR LIGHT * 27 51 35.74 1100.1 * 77E4199 * *
 * LIGHT * * 82 28 47.47 1298.7 * 10/13/77 * * 11413 *
 * - DYBN * * 27 51 26.70 821.9 * 77E4199 * *
 * 10 * * 82 28 47.75 1306.4 * 10/13/77 * * 11413 *
 * - DYBN * * 27 51 30.26 931.4 * 77E4199 * *
 * 14 * * 82 28 53.42 1461.5 * 10/13/77 * * 11413 *

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SVY	TP00977	LANDMARKS FOR CHARTS TO BE CHARTED	RPT UNIT	CMD, ROCKVILLE, MD.	PAGE	4 OF 5
JOB	CM7715		STATE	FLORIDA		
PRJ	833205		LOCALITY	PORT TAMPA		
DTM	NA1927		DATE	10/18/78		
THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS						
DESCRIPTION						
CHARTING*	RECORD REASON FOR DELETION		POSITION	CMD	METHOD AND DATE	
NAME	PUT TRIANGULATION NAMES IN ()		LATITUDE	DM	OF LOCATION	CHARTS
			LONGITUDE	OP	OFFICE	FIELD
				DGTZD*		AFFECTED*

[illegible]

76-4000
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
782707

* SVY	TP00977	*	LANDMARKS FOR CHARTS	* RPT UNIT	CMD, ROCKVILLE, MD.	* PAGE 5 OF 5	*
* JOR	CM7715	*	TO BE DELETED	* STATE	FLORIDA	*	*
* PRJ	833205	*		* LOCALITY	PORT TAMPA	* ORIGINATING ACTIVITY*	*
* DTM	NA1927	*		* DATE	10/18/78	* COMPILATION	*

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

[illegible][illegible][illegible]

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099																																																																																																																																																																																																																																						
1990	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340

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

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	Frank Wright
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER (Specify)
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 5 - Field Identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	III. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 II. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter '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.
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

