

TP-00970

TP - 00970

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
Map No. TP-00970	Edition No. 1
Job No. CM-7715	
Map Classification Final Field Edited	
Type of Survey Shoreline	
LOCALITY	
State Florida	
General Locality Tampa Bay	
Locality Oldsmar to Safety Harbor	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 1977 TO 1978 </div>	
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-00970	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. (1)	
				<input type="checkbox"/> RESURVEY		MAP CLASS Final Field	
				<input type="checkbox"/> REVISED		Edited JOB PH-CM-7715	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Rockville, Md.				TYPE OF SURVEY		JOB PH-	
OFFICER-IN-CHARGE				<input type="checkbox"/> ORIGINAL		MAP CLASS	
Cdr. James Collins				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
General Instructions - OFFICE-NOS-Cooperative Coastal Boundary Mapping, Job PH-7000, December 9, 1975 OFFICE - 18 Aug 1977 Amendment 1 - 3 Jan 1978 Amendment 2 - 7 Mar 1978				FIELD Instructions - 27 Dec 1976 FIELD Instructions - 11 Aug 1977 Amendment - Field Edit Procedures 30 Jan 1978			
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL				OTHER (Specify)			
3. MAP PROJECTION Lambert Conformal Conic				4. GRID(S)			
				STATE Florida		ZONE West	
5. SCALE 1:10,000				STATE		ZONE	
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		April 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				W. Maynard		July 1978	
CHECKED BY				J. Battley		July 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				P. Dempsey D. Brant		July 1978	
6. APPLICATION OF FIELD EDIT DATA BY				J. Battley		Aug 1978	
CHECKED BY				P. Dempsey		Sept 1978	
7. COMPILATION SECTION REVIEW BY				J. Battley		Sept 1978	
8. FINAL REVIEW BY				P. Dempsey		Jan 1984	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY							
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				P. Dempsey		Jan 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																												
TP-00970 (1:10,000)		COMPILATION SOURCES																												
1. COMPILATION PHOTOGRAPHY																														
CAMERA(S) Wild RC-8, RC-10 "E" & "B" cameras focal len. 6" TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">TYPES OF PHOTOGRAPHY LEGEND</th> </tr> <tr> <td style="width: 50%; vertical-align: top;"> (C) COLOR (P) PANCHROMATIC (I) INFRARED </td> <td style="width: 50%; vertical-align: top;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">TIME REFERENCE</th> </tr> <tr> <td style="width: 50%;"> ZONE <u>Eastern</u> </td> <td style="width: 50%;"> <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT </td> </tr> <tr> <td colspan="2"> MERIDIAN <u>75th</u> </td> </tr> </table> </td> </tr> </table>		TYPES OF PHOTOGRAPHY LEGEND		(C) COLOR (P) PANCHROMATIC (I) INFRARED	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">TIME REFERENCE</th> </tr> <tr> <td style="width: 50%;"> ZONE <u>Eastern</u> </td> <td style="width: 50%;"> <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT </td> </tr> <tr> <td colspan="2"> MERIDIAN <u>75th</u> </td> </tr> </table>	TIME REFERENCE		ZONE <u>Eastern</u>	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	MERIDIAN <u>75th</u>																		
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77-BR-0304 - 0308	11/8/77	1252	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 black and white infrared photography listed in item 1. above. The rectified color photography was used as an aid for interpreting cultural features and compiling the limit of vegetation and shallow areas. Where the MHW line was obscured by vegetation, such as mangrove, the apparent shoreline was delineated.																														
3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE Gulf Coast Low-Water line:																														
GCLW photography was not available at the time of compilation which was 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	EAST	SOUTH	WEST																											
None	TP-00971	TP-00972	None																											
REMARKS Final junctions will be made in Coastal Mapping Section																														

TIDE - COORDINATED PHOTOGRAPHY
TP - 00970

LOCATION AND PHOTOGRAPHY	TIDE STATIONS <i>(In operation at time of photography)</i>	STAGE OF TIDE	MEAN RANGE
77 BR 0295-0298	Safety Harbor	+0.09 MHW	
77 BR 0304-0308	Safety Harbor	+0.14 MHW	

REMARKS:

HISTORY OF FIELD OPERATIONS

TP-00970

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	July 1978
2. HORIZONTAL CONTROL	RECOVERED BY N/A ESTABLISHED BY N/A PRE-MARKED OR IDENTIFIED BY N/A	
3. VERTICAL CONTROL	RECOVERED BY N/A ESTABLISHED BY N/A PRE-MARKED OR IDENTIFIED BY N/A	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY N/A LOCATED (Field Methods) BY N/A IDENTIFIED BY N/A	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY C. Lewis	July 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-3684, 4112, 4113, 4115, & 4136

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

TP-00970 (1:10,000)

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class III	7/12/78			
Final copy	9/13/78			

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
3		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:

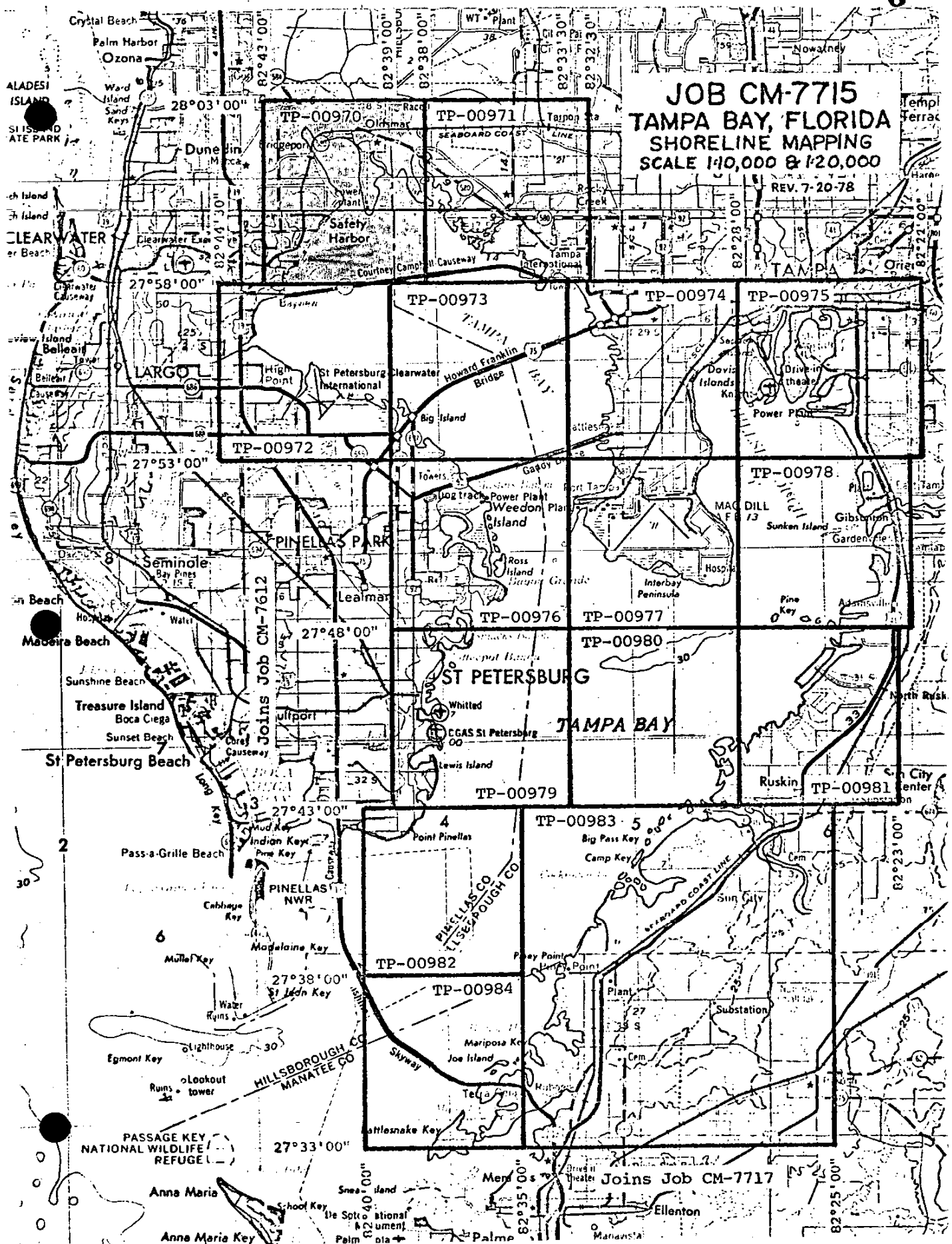
4. ☒ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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 <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

NOAA FORM 76-36D

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



7

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

Coastal Zone Map TP-00970 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 August, 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 January 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-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

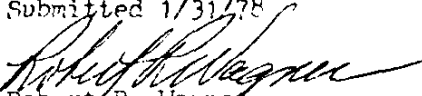
4. TIDAL DATA

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.

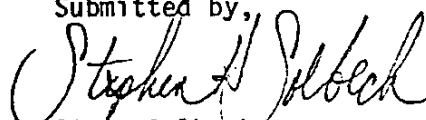
26. Comments on Strip Adjustment

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.

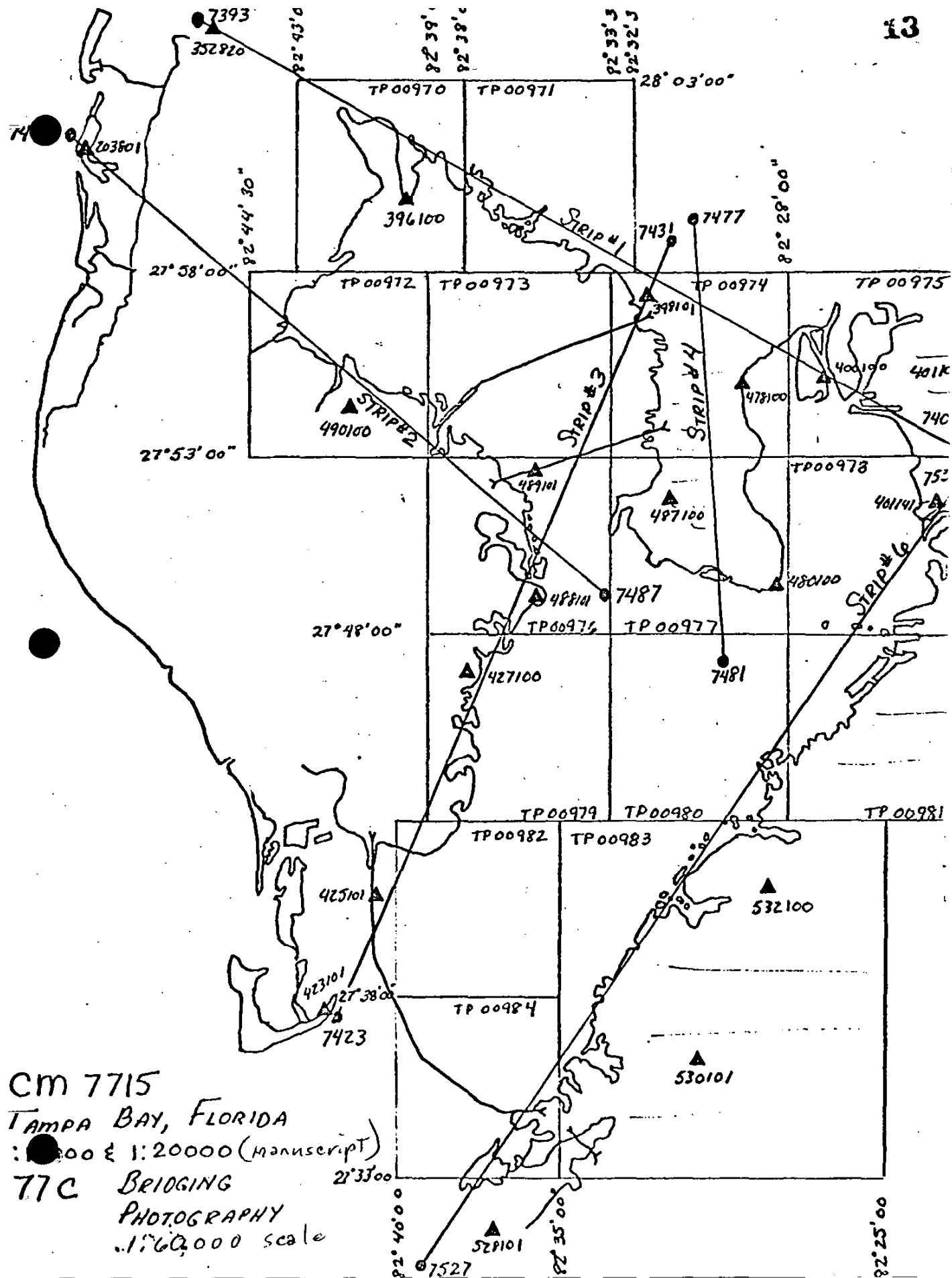
The cause of this "lack of fit" can not be satisfactorily explained, however, the discrepancies in the vicinity of these control points can be reduced by using them in the adjustment. By doing this, they fit to within 6 feet.

Submitted by,


Steve Solbeck

Approved and forwarded:


Acting Chief, Aerotriangulation Section



CM 7715

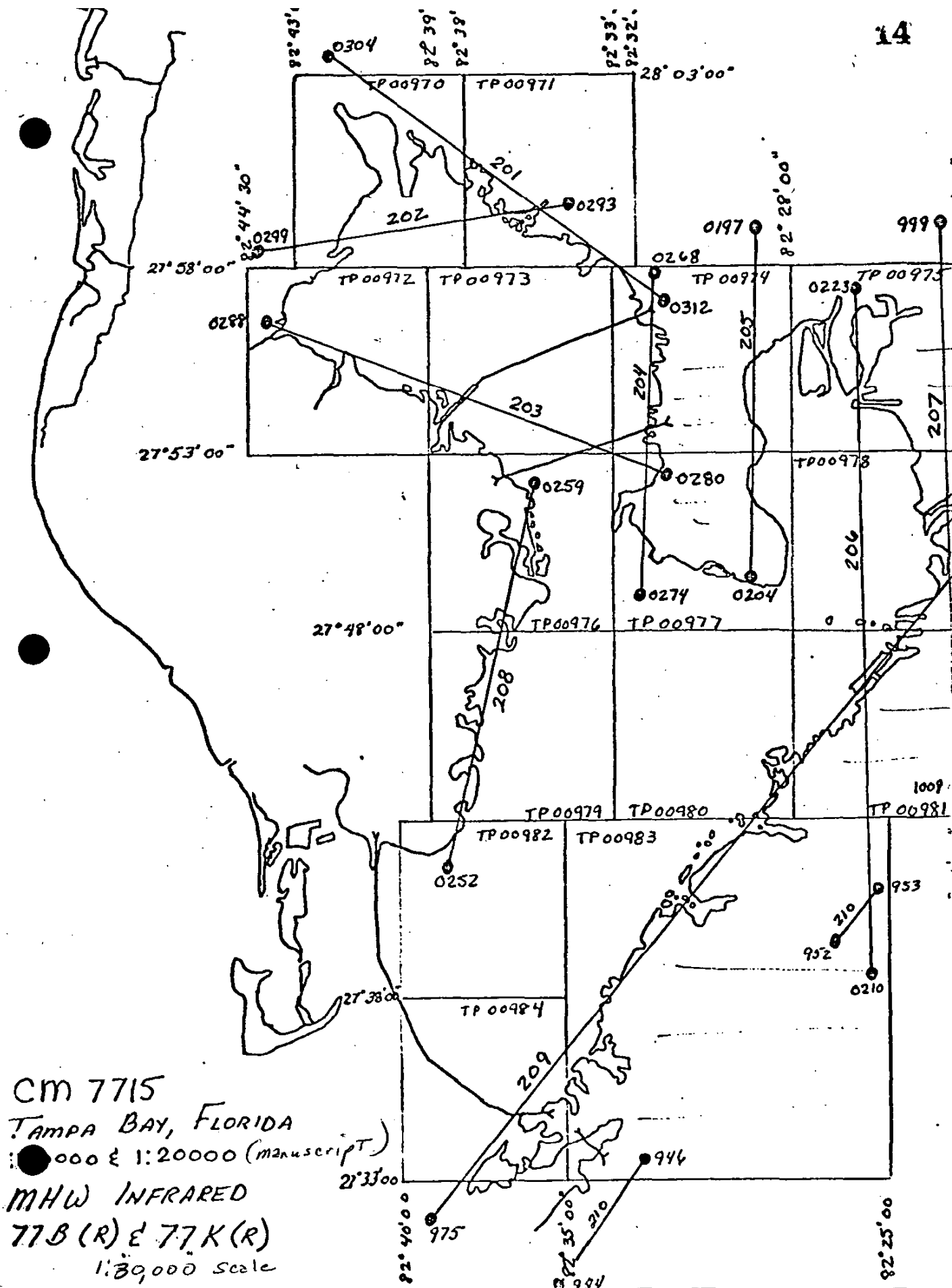
TAMPA BAY, FLORIDA

: 1:20000 (manuscript)

77C BRIDGING

PHOTOGRAPHY

1:60,000 scale



TAMPA BAY, FLORIDA CM-7715

Accuracy 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)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		GEOGRAPHIC POSITION		REMARKS
					STATE	ZONE	ϕ LATITUDE	λ LONGITUDE	
TP-00970	CM-7715	Booth, 1926	P C Pg 8	396100	N A 1927		Rockville, Md.		
					FLORIDA	West			
Safety Harbor Silver Muni. W. T. , 1926	Geod. List. Pg 6			316	x=	286,038.937	ϕ	28° 00' 02.849"	
					y=	1,333,516.742	λ	82° 39' 46.939"	
Clearwater, St. Petersburg Municipal Tank, 1973	Geod. List.			491143	x=	275,329.356	ϕ	27° 59' 30.466	
					y=	1,330,305.942	λ	82° 41' 46.203"	
					x=	271,767.026	ϕ	27° 58' 12.279"	
					y=	1,322,430.242	λ	82° 42' 25.430"	
					x=		ϕ		
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Compilation Report
TP-00970
July 1978

31. Delineation

All features were delineated by graphic compilation. The rectified prints of the (B&W from color) photography were controlled by map points determined by aerotriangulation, and were used for compiling all roads, interior features, and cultural shoreline.

The location of the power towers across the opening of Safety Harbor were located by a radial plot using rectified photos 77-E-3684, 4136, 4113 and 4114.

The MHW line was compiled from office interpretation of the ratio, tide-coordinated, black and white infrared photography which was controlled by common detail compiled from the rectified photography.

A field edit will be made to validate interpretation and symbolization of features.

32. Horizontal Control

Horizontal Control was adequate. (See photogrammetric Plot Report)

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 from the office interpretation of the ratio, tide-coordinated, black and white infrared photography.

35. Shoreline and Alongshore Detail

Office interpretation of the MHW infrared photography was adequate for delineating the shoreline and alongshore detail.

The use of Gulf Coast mean low water black and white infrared photography was not available at the time of compilation. As a result, no low water was delineated.

36. Offshore Details

The only problem encountered was in the location of the power towers across the opening to Safety Harbor. This was adequately described in Item 31.

37. Landmarks and Aids

Refer to Form 76-40.

38. Control for Future Surveys None39. Junctions

Refer to Form 76-36B.

40. Horizontal and Vertical Accuracy

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

41. - 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following USGS 7 1/2 minute topographic quadrangles:

Safety Harbor, Fla. 1969

Oldsmar, Fla. 1974

No significant differences were noted.

47. Comparison with Nautical Charts

Comparison was made with the following Nautical Charts:

11413, April 16, 1977 - 1:40,000

Items to be applied to Nautical Charts immediately: None

Items to be carried forward: None

Submitted by,

William M. Maynard
William M. Maynard

Approved and Forwarded.

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

FIELD EDIT REPORT TP-00970, JOB CM-771551. 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.

1 Landmark is recommended for deletion. Form 76-40 is submitted.

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: 8/8/78

Joseph D. Di Mare
Joseph D. Di Mare
Surveying Technician

Review Report
TP-00970
January 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

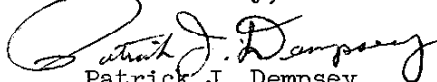
65. Comparison With Nautical Charts

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

October 12, 1977

GEOGRAPHIC NAMES


FINAL NAME SHEET

CM-7715 (Tampa Bay, Florida)

TP-00970

Alligator Creek	Lake Tarpon Canal
Alligator Lake	Mobbly Bay
Bishop Creek	Mobbly Bayou
Boat Bayou	Moccasin Creek
Booth Point	Mullet Creek
Bridgeport	Oldsmar
Cooper Bayou	Old Tampa Bay
Cooper Point	Philippe Point
Dellwood	Safety Harbor
Double Branch	Safety Harbor (locality)
Harbor Palms	Seaboard Coast Line (RR)

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

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

PAGE 1 OF 3

* RPT UNIT CMD, ROCKVILLE, MD. * PAGE 1 OF 3
* STATE FLORIDA *
* LOCALITY SAFETY HARBOR *ORIGINATING ACTIVITY
* DATE 07/21/78 * COMPILATION

JOSEPH DI MARE	*	PHOTO FIELD PARTY
JOSEPH DI MARE	*	FIELD REPRESENTATIVE
JETER P. BATTLE	*	OFFICE COMPILER
N/A	*	DIGITIZER
JAMES H. TAYLOR	*	DATA PROCESSOR

KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION

* FIELD(CONT,D)

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

FIELD

1. NEW POSITION DETERMINED OR VERIFIED

KEY TO SYMBOLS

F-FIELD

L-LOCATED
VIS-VISUALLY

V-VERIFIED

1-TRIANGULATION 5-FIELD IDENTIFIED

2-TRAVERSE 6-THEODOLITE

3-INTERSECTION 7-PLANETA

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

***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.

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

PAGE 2 OF 3

LANDMARKS FOR CHARTS
TO BE CHARTED

RPT UNIT CMD, ROCKVILL
STATE FLORIDA
LOCALITY SAFETY HARBOR
DATE 07/21/78

INATING ACTIVITY COMPILATION

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

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

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.

TANK *	(CLEARWATER ST. PETERSBURG	* 27 58 12.28	378.0	NOT *TRIANG	*V*VIS	*
* *	MUNICIPAL TANK, 1973)	* 82 42 25.43	695.0	DGIZD*	* 07/19/78	* 11413

* WEST OF 3 STACKS	* 26 00 08.21	252.7	*	*P-5-V	*
STACK *	* 82 39 47.19	1289.4	*	* 07/19/78	* 11413
				77E4115	

[illegible]

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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	2100
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PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

PAGE 3 OF 3

* RPT UNIT CMD, ROCKVILLE, MD.
* STATE FLORIDA
* LOCALITY SAFETY HARBOR
* DATE 07/21/78

LANDMARKS FOR CHARTS
TO BE DELETED

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

DESCRIPTION

	POSITION	CMD *
	LATITUDE DM	ALTEK**
	LONGITUDE DP	DGTZD**

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*CHARTING* RECORD REASON FOR DELETION
* NAME * PUT TRIANGULATION NAMES IN (

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* NOT VISIBLE FROM SEAWARD DUE
DOME * TO TREES EAST OF 2

DOMESTIC TO TREES

* 07/19/78 * 11413

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]