

TP-00984

TP-00984

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-00984	Edition No. 1
Job No. CM-7715	
Map Classification Final Field Edited	
Type of Survey Shoreline	
LOCALITY	
State Florida	
General Locality Tampa Bay	
Locality Two Brothers Islands to Rattlesnake Key	
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. <u>00984</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. <u>(1)</u>	
				<input type="checkbox"/> RESURVEY		MAP CLASS <u>Final Field</u>	
PHOTOGRAMMETRIC OFFICE Rockville, Md.				<input type="checkbox"/> REVISED		edited JOB <u>PH-CM-7715</u>	
				LAST PRECEDING MAP EDITION			
OFFICER-IN-CHARGE Cmdr. James Collins				TYPE OF SURVEY		JOB PH. _____	
				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
				<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 9 December 1975 Office 18 August 1977 Amendment I 3 January 1978 Amendment II 7 March 1978				Field Instructions 27 December 1976 Field Instructions 11 August 1977 Amendment - Field Edit Procedures 30 January 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 METHOD: Analytic				BY S. Solbeck		April 1978	
LANDMARKS AND AIDS BY				N/A			
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat				PLOTTED BY J. Taylor		April 1978	
CHECKED BY				N/A			
3. STEREOSCOPIC INSTRUMENT COMPILATION				PLANIMETRY BY			
INSTRUMENT:				CHECKED BY			
SCALE:				CONTOURS BY			
CHECKED BY				N/A			
4. MANUSCRIPT DELINEATION				PLANIMETRY BY P. Dempsey		Sept 1978	
METHOD: Graphic				CHECKED BY J. Battley		Sept 1978	
SCALE: 1:10,000				CONTOURS BY			
HYDRO SUPPORT DATA BY				N/A			
CHECKED BY							
5. OFFICE INSPECTION PRIOR TO FIELD EDIT				BY J. Battley		Nov 1978	
6. APPLICATION OF FIELD EDIT DATA				BY P. Dempsey		Jan 1979	
CHECKED BY				J. Battley		Jan 1979	
7. COMPILATION SECTION REVIEW				BY P. Dempsey		Jan 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	

COMPILATION SOURCES

TP-00984

1. COMPILATION PHOTOGRAPHY

CAMERA(S) RC-8-E, RC-10-K		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) <u>COLOR</u> (P) PANCHROMATIC R W <u>INFRARED</u>		ZONE Eastern MERIDIAN 75th <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
77E(C) 4161	10/13/77	1034	1:30,000	The stage of tide is inapplicable for color photography Refer to 76-36B(1) for tide information	
77E(C) 4461-4464	10/14/77	1015	1:30,000		
77K(R) 0976-0978	10/14/77	1448	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 photograph listed in item 1. Where the MHW is obscured by vegetation, such as mangrove, the apparent shoreline is delineated.

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	EAST	SOUTH	WEST
TP-00982	TP-00983	N/A	N/A

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 SURVEYTIDE - COORDINATED PHOTOGRAPHY
TP - 00984

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
77 KR 0976 - 0978	Apollo Beach - MHW Bradenton - MWH	- 0.21 - 0.20	2.14 1.74

REMARKS:

HISTORY OF FIELD OPERATIONS.

TP-00984

1. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION.Under 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 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 P. Dempsey LOCATED (Field Methods) BY N/A IDENTIFIED BY P. Dempsey	Dec. 1978 Dec. 1978
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input checked="" type="checkbox"/> SPECIFIC NAMES ONLY BY <input type="checkbox"/> NO INVESTIGATION R. R. Wagner	Dec. 1978
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-4161, 4462, 4464

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
77E 4161	Leading Light		

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

7. SUPPLEMENTAL MAPS AND PLANS

USGS Quadrangle Palmetto, Florida with Geographic Name

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-00984

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class III	10/2/78			
Final	1/28/79			

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
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



JOB CM-7715
TAMPA BAY, FLORIDA
SHORELINE MAPPING
SCALE 1:10,000 & 1:20,000
REV. 7-20-78

Joins Job CM-7612

Joins Job CM-7717

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

Coastal Zone Map TP-00984 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-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 WSPP 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

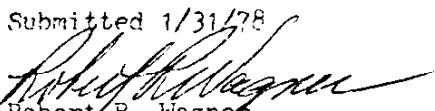
4. TIDAL DATA

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.

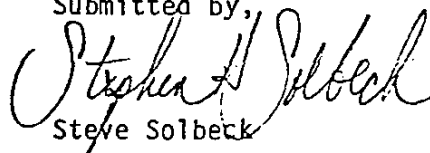
26. Comments on Strip Adjustment

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.

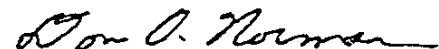
A similar phenomenon exists on strip 4 where again three points are used for the adjustment and a seemingly good check point is off about 12 feet.

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.

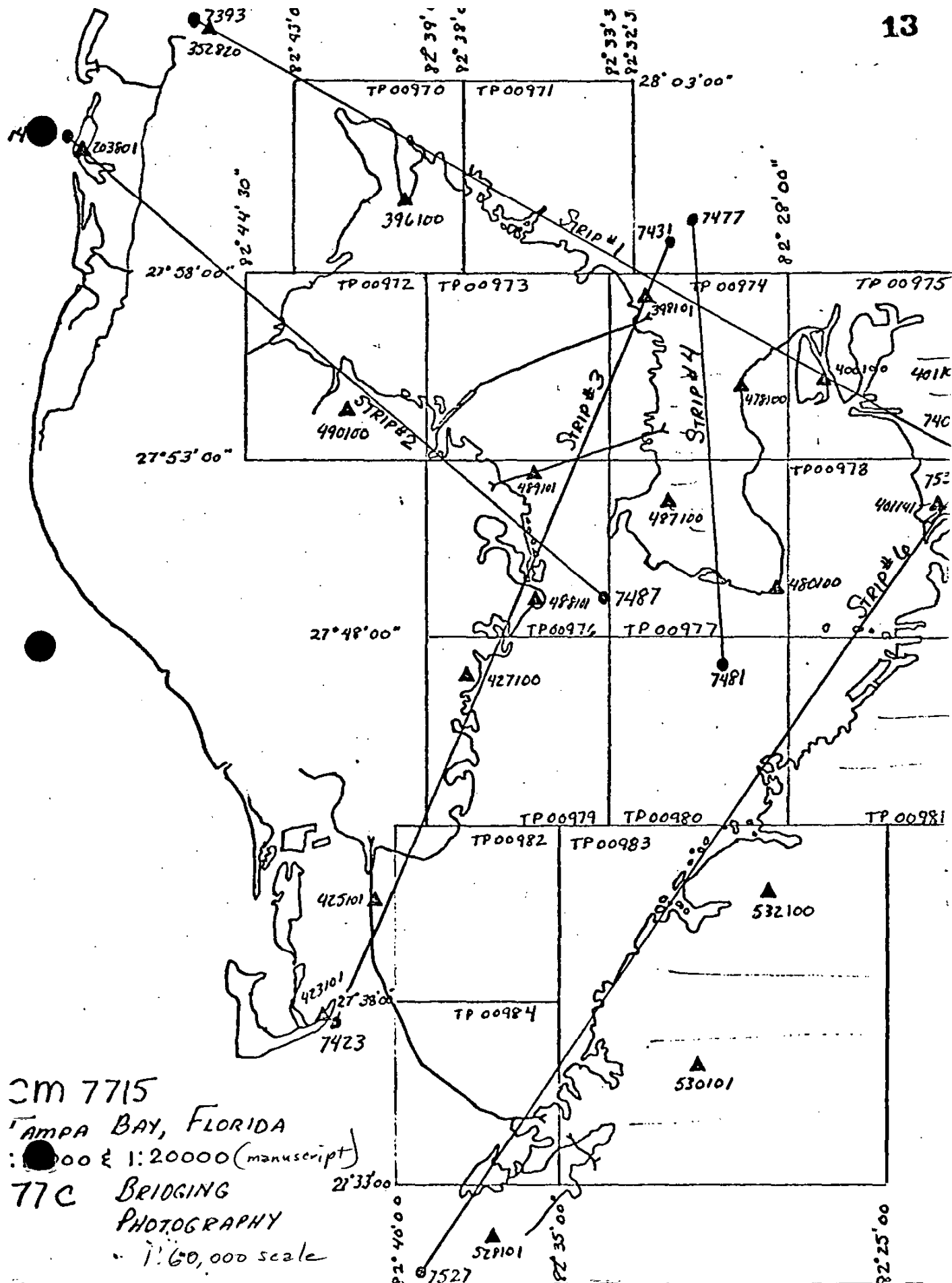
Submitted by,

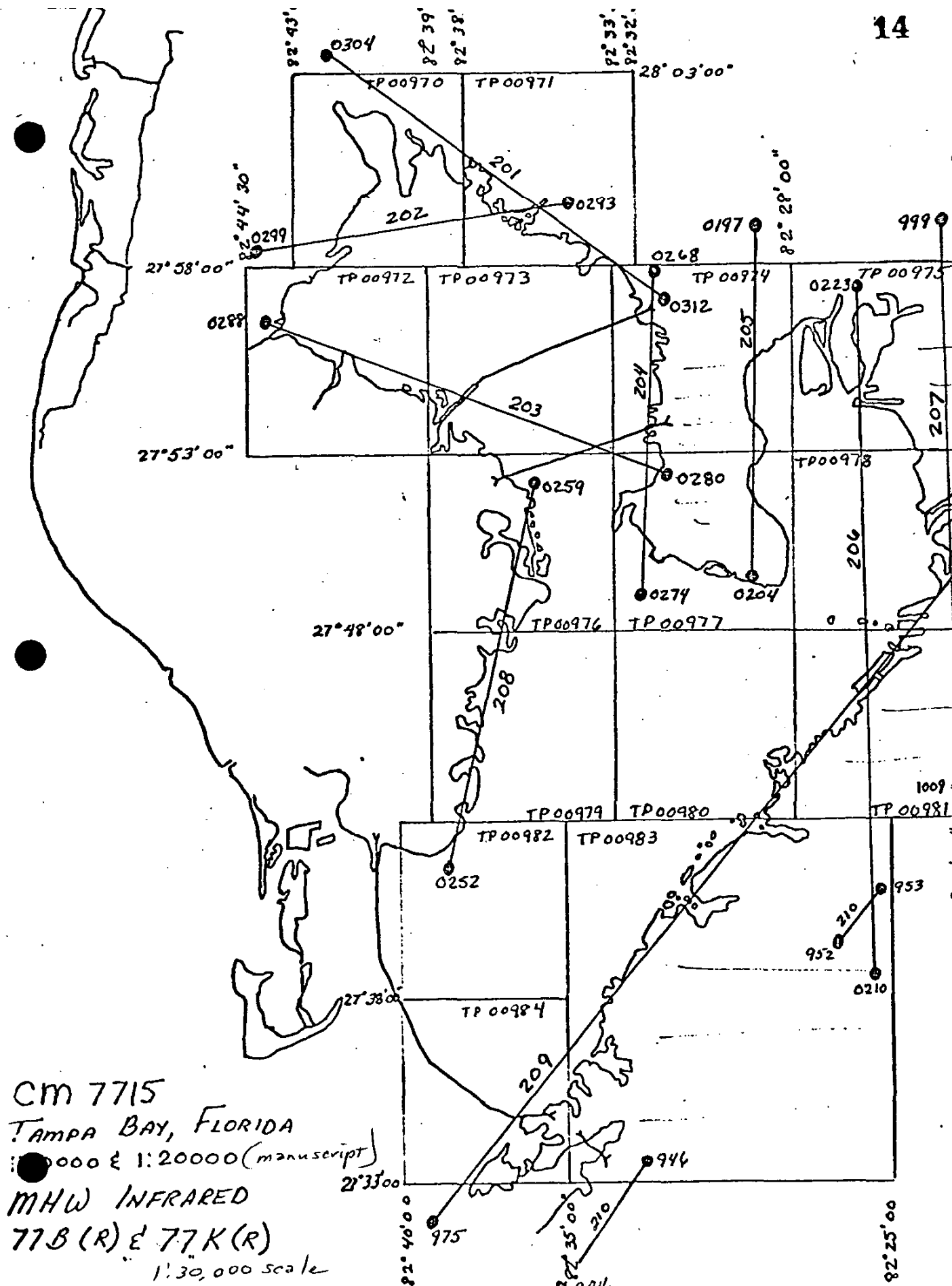

Steve Solbeck

Approved and forwarded:



Acting Chief, Aerotriangulation Section





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)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM		ORIGINATING ACTIVITY	
					COORDINATES IN FEET STATE <u>Florida</u> ZONE <u>West</u>	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	Rockville, Md.	
TP-00984	CM-7715	Tampa Bay, Sunshine Skyway N. E. Tower Light, 1954	Vol. 1 Pg 968 GP	424151	X= 286,603.235	ϕ 27° 37' 11.757"		
					Y= 1,195,049.134	λ 82° 39' 32.355"		
Tampa Bay, Sunshine Skyway N. W. Truss Light, 1954	"	7	"	424153	X= 286,431.521	ϕ 27° 37' 14.441"		
					Y= 1,195,321.096	λ 82° 39' 34.280"		
Tampa Bay, Sunshine Skyway S. E. Truss Light, 1954	"	"	"	8	X= 287,127.308	ϕ 27° 37' 01.211"		
					Y= 1,193,981.349	λ 82° 39' 26.466"		
Tampa Bay, Sunshine Skyway S. W. Tower Light, 1954	"	"	"	530159	X= 286,954.782	ϕ 27° 37' 03.906"		
					Y= 1,194,254.423	λ 82° 39' 28.400"		
Mullet Key Channel Front Range Light, 1957	Vol II Pg 94	"	"	10	X= 298,695.54	ϕ 27° 37' 12.549"		
					Y= 1,195,066.48	λ 82° 37' 17.931"		
Mullet Key Channel Rear Range Light, 1957	"	"	"	"	X= 307,199.37	ϕ 27° 37' 25.978"		
					Y= 1,196,380.73	λ 82° 35' 43.468"		
					X=	ϕ		
					Y=	λ		
					X=	ϕ		
					Y=	λ		
					X=	ϕ		
					Y=	λ		
					X=	ϕ		
					Y=	λ		
COMPUTED BY					X=	ϕ		
					Y=	λ		
					COMPUTATION CHECKED BY		DATE	
LISTED BY S. Solbeck					LISTING CHECKED BY B. Thornton		DATE 4/7/78	
HAND PLOTTING BY					HAND PLOTTING CHECKED BY		DATE	

Compilation Report
TP-00984
Sept. 1978

31. Delineation

All shoreline and interior features^e 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.

36. Offshore Detail

No problems 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

This map complies with the accuracy requirements of the Florida Coastal Zone Mapping Program as outlined in Project Instructions PH-7000.

PH-7000.

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following USGS quadrangle maps:

Palmetto, Florida - 1969

Anna Maria, Florida-1969

47. Comparison with Nautical Charts

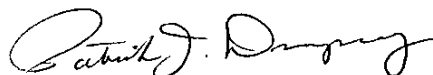
Comparison was made with the following Nautical Chart:

11414 23rd Edition, May 13, 1978, 1:40,000

Items to be applied to charts immediately: None

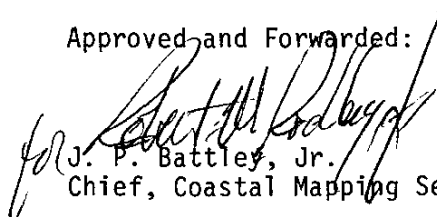
Items to be carried forward: None

Submitted by,



Patrick J. Dempsey
Cartographer

Approved and Forwarded:



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

FIELD EDIT REPORT TP-00984, 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.

52. ADEQUACY OF COMPILATION

Adequate after application of field edit.

53. MAP ACCURACY

No test required.

54. RECOMMENDATIONS

NONE

55. EXAMINATION OF POOF COPY

56. Not required.

56. GEOGRAPHIC NAME

The correct spelling is TILLET for Tillet Bayou. Tillet is an old family name in this area. Tillet family that still live here spell it TILLET.

Submitted 12/19/78


Chief, Photo Party 66

REVIEW REPORT
TP-00984
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

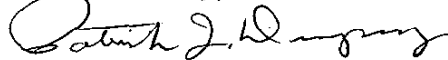
65. Comparison With Nautical Charts

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

66. Adequacy of Results and Future Surveys

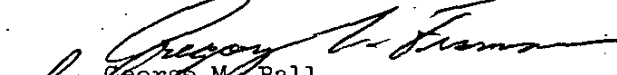
This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by,



Patrick J. Dempsey
Cartographer

Approved and Forwarded,


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

May 14, 1979

GEOGRAPHIC NAMES


FINAL NAME SHEET

CM-7715 (Tampa Bay, Florida)

TP-00984

Beville Point	Little Miguel Pass
Big Miguel Pass	Miguel Bay
Bird Key	Paradise Island
Boots Point	Rattlesnake Key
Critical Creek	Sister Keys
Critical Bayou	Skeet Key
Custer Bayou	Tampa Bay
Eds Key	Terra Ceia
Fletcher Point	Terra Ceia Bay
Flounder Pass	Terra Ceia Island
Joe Bay	Tillett Bayou
Joe Island	Two Brothers Islands

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

76-40
LISTING.

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
782707

* SVY	TP00984	* NONFLOATING AIDS FOR CHARTS	* RPT UNIT	CMD, ROCKVILLE, MD.	* PAGE 2 OF 3	* *
* JOR	CM7715	* TO BE CHARTED	* STATE	FLORIDA	* ORIGINATING ACTIVITY*	* *
* PRJ	833205		* LOCALITY	TAMPA BAY	* COMPILATION	* *
* DTM	NA1927		* DATE	01/28/79		* *

* * 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

MULLET KEY CHANNEL

* * * * *

* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
* -RGE F *	(MULLET KEY CHANNEL FRONT	*	27 37	12.54	386.0	NOT *TRIANG	* * 11413 *
* * LIGHT *	RANGE LIGHT, 1957)	*	82 37	17.93	491.6	DGTZD*	* * 11414 *
* * *							
* -RGE R *	(MULLET KEY CHANNEL REAR	*	27 37	25.97	799.4	NOT *TRIANG	* * 11413 *
* * LIGHT *	RANGE LIGHT, 1957)	*	82 35	43.46	1191.6	DGTZD*	* * 11414 *
* * *							

* LEAD *	* 27 36 54.45	1676.0	*	* P-5	* 11413 *
* LIGHT *	* 82 39 24.78	679.5	*	* 12/07/78	* 11414 *
				-----77E4161-----*	

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

DATA AB
VERSION
782707

76-40
LISTING

* SVY	TP00984	*	LANDMARKS FOR CHARTS	*	RPT UNIT	CMD, ROCKVILLE, MD.	*	PAGE	3	OF	3	*
* JOB	CM7715	*	TO BE CHARTED	*	STATE	FLORIDA	*					*
* PRJ	833205	*		*	LOCALITY	TAMPA BAY	*	ORIGINATING	ACTIVITY*			*
* DTM	NA1927	*		*	DATE	01/28/79	*	COMPILATION				*
* THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *												
* DESCRIPTION * POSITION * CMD * METHOD AND DATE * CHARTS *												
* CHARTING*	RECORD REASON FOR DELETION	*		*	LATITUDE	DM		ALTEK*	OF LOCATION	*		*
* NAME	* PUT TRIANGULATION NAMES IN ()	*		*	LONGITUDE	DP		DGTZD*	OFFICE	*	FIELD	*AFFECTED*

AERO * (TAMPA BAY, SUNSHINE SKYWAY,	* 27 37 11.75	361.7	NOT *TRIANG	*V-VIS	* 11413 *
LIGHT * N.E. TOWER LIGHT, 1954)	* 82 39 32.35	887.0	DGTZD*	* 12/13/78 *	11414 *
AERO * (TAMPA BAY, SUNSHINE SKYWAY,	* 27 37 14.44	444.5	NOT *TRIANG	*V-VIS	* 11413 *
LIGHT * N.W. TRUSS LIGHT, 1954)	* 82 39 34.28	939.9	DGTZD*	* 12/13/78 *	11414 *
AERO * (TAMPA BAY, SUNSHINE SKYWAY,	* 27 37 01.21	37.2	NOT *TRIANG	*V-VIS	* 11413 *
LIGHT * S.E. TRUSS LIGHT, 1954)	* 82 39 26.46	725.5	DGTZD*	* 12/13/78 *	11414 *
AERO * (TAMPA BAY, SUNSHINE SKYWAY,	* 27 37 03.90	120.0	NOT *TRIANG	*V-VIS	* 11413 *
LIGHT * S.W. TOWER LIGHT, 1954)	* 82 39 28.40	778.7	DGTZD*	* 12/13/78 *	11414 *

