

TP-00018

TP-00018

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey Shoreline

Job No. PH-6912 Map No. TP-00018

Classification No. Edition No. 1

Field Edited Map

LOCALITY

State Florida

General Locality Estero Bay

Locality Wiggins Pass

19 69 TO 19 70

REGISTRY IN ARCHIVES

DATE

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. <u>00018</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. <u>(1)</u>	
				<input type="checkbox"/> RESURVEY		MAP CLASS <u>FINAL(F.E.)</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division (Norfolk)				<input type="checkbox"/> REVISED		JOB PH. <u>6912</u>	
				LAST PRECEDING MAP EDITION			
OFFICER-IN-CHARGE Jeffrey G. Carlen, CDR				<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			
June 13, 1969 June 24, 1969 Aug. 8, 1969 Sept. 8, 1969 Oct. 21, 1969				April 28, 1969 March 11, 1970			
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL				OTHER (Specify)			
3. MAP PROJECTION Polyconic				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 METHOD: Analytical LANDMARKS AND AIDS BY				R. Kelly		Aug. 1969	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY							
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				A.L. Shands		Jan. 1970	
INSTRUMENT: Wild B-8				L.O. Neterer		Jan. 1970	
SCALE: 1:20,000				NA			
				NA			
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY				A.L. Shands		Jan. 1970	
METHOD: Smooth ink drafting				R.E. Smith		Feb. 1970	
SCALE: 1:10,000				NA			
				NA			
HYDRO SUPPORT DATA BY				A.L. Shands		Jan. 1970	
				R.E. Smith		Feb. 1970	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				R.E. Smith		Feb. 1970	
6. APPLICATION OF FIELD EDIT DATA BY				A.L. Shands		Sept. 1971	
7. COMPILATION SECTION REVIEW BY				R.E. Smith		Feb. 1970	
8. FINAL REVIEW BY				Billy H. Barnes		Aug. 1975	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY							
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY							
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				N. J. Jansin		9/24/75	

TP-00018
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "L"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE St. Petersburg, Ft.		<input checked="" type="checkbox"/> (C) COLOR <input type="checkbox"/> (P) PANCHROMATIC <input checked="" type="checkbox"/> (I) INFRARED	ZONE Eastern		<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES (Carlos Point) <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY			MERIDIAN 75th		<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
69L(C) 9252 - 9258	5/31/69	15:20	1:20,000	1.3 ft. above MLW	
69L(C) 9353	6/1/69	08:21	1:20,000	2.7 ft. above MLW	
69L(I) 9278R-- 9383R	5/31/69	15:41	1:20,000	1.1 ft. above MLW	
69L(C) 9492 - 9494	6/4/69	08:00	1:40,000	1.8 ft. above MLW	

REMARKS All photo time has been converted from Eastern Daylight to Eastern Standard Time.

2. SOURCE OF MEAN HIGH-WATER LINE:

Photographs dated June 4, 1969, field edit photos taken June 1, 1969 and Infrared photos taken Aug. 19, 1970.

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

None 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

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
TP-00016 & TP-00017	No Survey	No Survey	No Survey

REMARKS

TP-00018
HISTORY OF FIELD OPERATIONS

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	W.H. Shearouse	May, 1969
2. HORIZONTAL CONTROL	RECOVERED BY W.H. Shearouse	May, 1969
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY W.H. Shearouse	May, 1969
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY NA	
	LOCATED (Field Methods) BY NA	
	IDENTIFIED BY NA	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	NA
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
69L(C) 9495	WIGGINS, 1934, 1960		

3. PHOTO NUMBERS (Clarification of details)
None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED
None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: REPORT NONE

6. BOUNDARY AND LIMITS: REPORT NONE

7. SUPPLEMENTAL MAPS AND PLANS
None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)
4 - Form 152 Control Station Identification Card

TP-00018
HISTORY OF FIELD OPERATIONS

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Joseph K. Wilson	Sept. 1970
2. HORIZONTAL CONTROL	RECOVERED BY NA ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA	
3. VERTICAL CONTROL	RECOVERED BY NA ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY NA LOCATED (Field Methods) BY NA IDENTIFIED BY NA	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY Richard E. Kesselring	Sept. 1970
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED	NA	2. VERTICAL CONTROL IDENTIFIED	NA
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

69L(C) 9252 thru 9257

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: REPORT NONE

6. BOUNDARY AND LIMITS: REPORT NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

2 Sheets Form 251	2 Form 24A	6 Sheets miscellaneous comp.
1 Form 738	2 Form 470	1 Sketch
1 Form 758	4 Form 6135	

TP-00018
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	Jan. 1970	Class III Manuscript Superseded	Feb. 1970	Feb. 1970
Field Edit Applied Compilation complete	Sept. 1971	Class I Manuscript Superseded		
Final Review	Aug., 1975		Sept. 1975	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

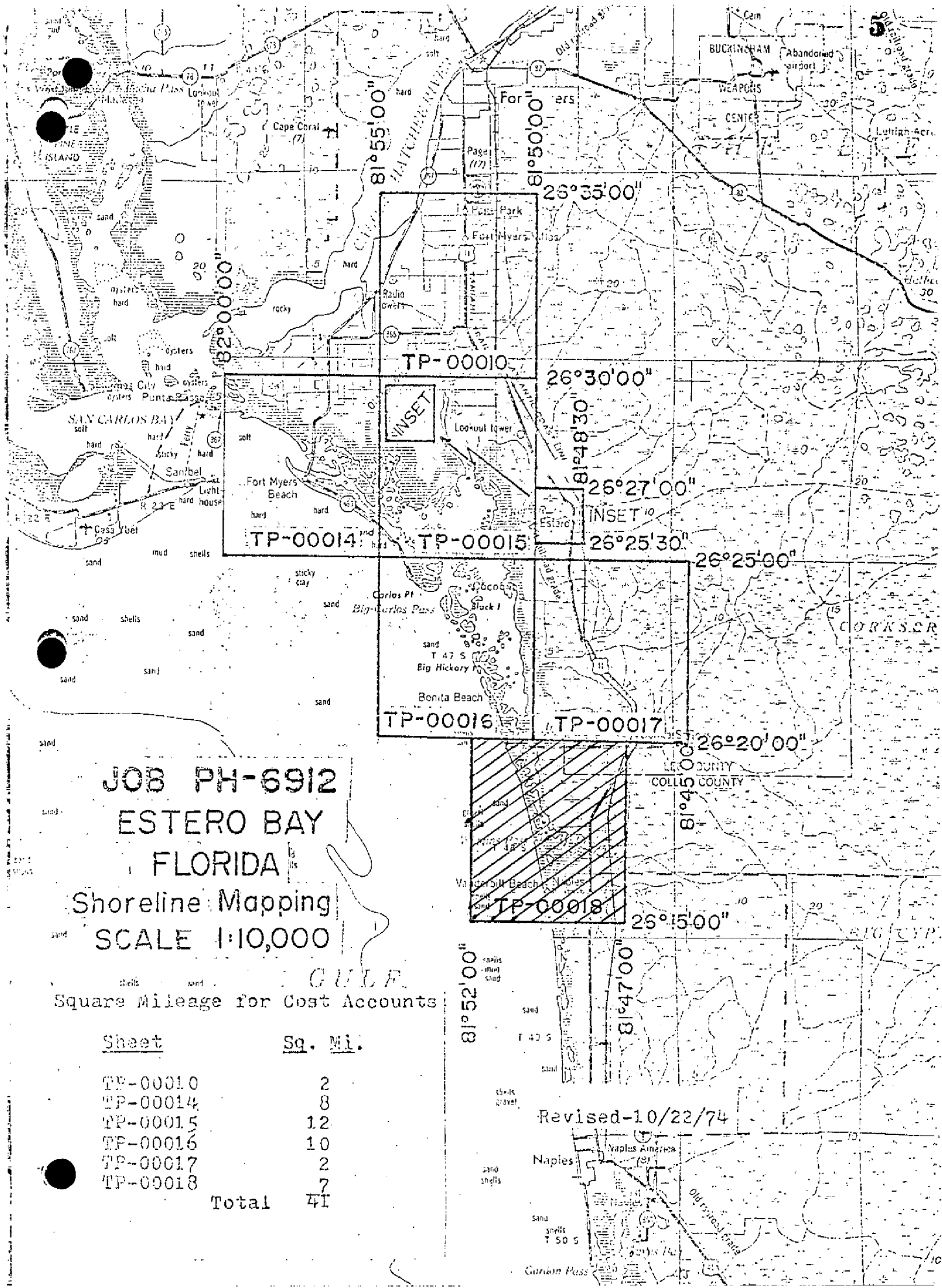
2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
3. REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

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	



JOB PH-6912
ESTERO BAY
FLORIDA
 Shoreline Mapping
 SCALE 1:10,000

GULF
 Square Mileage for Cost Accounts

Sheet	Sq. Mi.
TP-00010	2
TP-00014	8
TP-00015	12
TP-00016	10
TP-00017	2
TP-00018	7
Total	41

Revised-10/22/74

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT TP-00018

This 1:10,000 scale shoreline manuscript is one of six maps which comprise project PH-6912, Estero Bay, FL. The job diagram shows its location in the project.

The field work done before compilation consisted of premarking horizontal control that was required for bridging.

Bridging was done in the Rockville office by analytical methods in August, 1969, using 1:40,000 scale color photography dated June, 1969.

Compilation was done at the Atlantic Marine Center in Jan., 1970 using the Wild B-8 Plotter with 1:40,000 scale color photography dated June, 1969. The high water line and inshore details were revised graphically by using the 1970 infrared photography and the 1970 field edit data.

Field edit was done in Sept., 1970 at the same time as hydrography.

Final review was done at the Atlantic Marine Center in August, 1975.

The original manuscript was a stabilene sheet 5 minutes in latitude and 5 minutes in longitude.

A stable base copy and a negative of the final reviewed manuscript were forwarded for record and registry.

FIELD INSPECTION REPORT

PH-6912

TP-00018

There was no field inspection prior to compilation.

o
o

Photogrammetric Plot Report

Estero Bay, Florida

Job PH-6912

August, 1969

21. Area Covered

This report covers T-sheets TP-00010, TP-00014 through TP-00018 of Estero Bay, Florida.

22. Method

Two bridges were run to provide horizontal control for graphic compilation. The C-8 and C-5 were used for instrumentation. Photographs 69-L(C)-9478 through 9487 and 9493 through 9503 were used in the bridging. In the adjustment of Strip 1 on the IBM 1620, 5 field identified control stations and 12 vertical control points were used. Strip 2 adjustment on the IBM 1620 used 4 field identified control stations and 12 vertical control points.

23. Adequacy of Control

The horizontal control provided, complied with the instructions and was adequate except for Estero Bay North Base. It is believed that Estero Bay North Base was misread in Strip 1 since it held in Strip 2.

All other control held well within the accuracy required by National Standards of Map Accuracy at 1:10,000 scale.

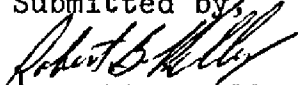
24. Supplemental Data

None

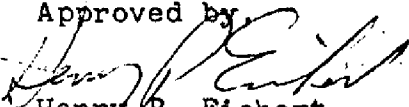
25. Photography

Photography was adequate as to coverage overlay and definition. The 1:20,000 scale color and infrared photography were ratioed for compilation.

Submitted by,


Robert B. Kelly

Approved by,


Henry P. Eichert
Chief, Aerotriangulation
Section

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETTIC DATUM		ORIGINATING ACTIVITY		REMARKS		
		TP-00018	PH-6912	N.A. 1927				
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE FLORIDA ZONE West		GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE		Forward	Back
WIGGINS, 1934	G.P. Pg. 141		X=	ϕ 26° 19'	λ 49.713"	1529.9	(316.6)	
			Y=	λ 81° 50'	ϕ 43.953"	1218.9	(445.0)	
VANDER, 1955	G.P. Pg. 978		X=	ϕ 26° 15'	λ 11.869"	365.3	(1481.2)	
			Y=	λ 81° 49'	ϕ 23.978"	665.4	(999.6)	
			X=	ϕ				
			Y=	λ				
			X=	ϕ				
			Y=	λ				
			X=	ϕ				
			Y=	λ				
			X=	ϕ				
			Y=	λ				
			X=	ϕ				
			Y=	λ				
			X=	ϕ				
			Y=	λ				
COMPUTED BY	A.C. Rauck, Jr.	DATE	COMPUTATION CHECKED BY		A.L. Shands	DATE	1/26/70	
LISTED BY		DATE	LISTING CHECKED BY			DATE		
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY			DATE		

COMPILATION REPORT

TP-00018

Project PH-6912

GENERAL STATEMENT:

Due to a malfunction of the camera, there were no fiducial marks on the bridging plates, the 1:20,000 scale hydro support photography or the 1:20,000 scale infrared photographs. Centers were put on the hydro support and infrared ratios, using a template. The accuracy of this method is questionable.

The centers are shown on both the photographs and the manuscript with broken circles and are considered approximate. No points should be located on the manuscript by the radial line method using these centers, nor should the centers be used for radially locating signals in the field.

COMPILATION REPORT

TP-00018

PH-6912

31. DELINEATION

1:40,000 scale color diapositives were supplied for use on the Wild B-8 stereoplotter. From these compilation models, points were dropped common to both color and infrared ratios taken at 1:20,000 scale. The color ratios were processed for hydro support. The fiducial marks did not print on the infrared ratios. Therefore, their centers were only approximately located.

Photographic coverage was adequate. There was no field inspection prior to compilation.

32. CONTROL

See "Photogrammetric Plot Report", dated August, 1969.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage was delineated from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line and all alongshore features were compiled from office interpretation of the photographs.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

None

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Junctions were made with TP-00016 and TP-00017 to the north; there are no contemporary surveys to the south, east and west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

41. FIELD EDIT

Field edit was adequate.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with U.S.G.S. Quadrangle BONITA SPRINGS, FL, scale 1:24,000 dated 1958.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Charts 642-SC, scale 1:40,000 1st. edition, dated February 8, 1969 and Chart 856 7th edition, dated September 13, 1969, scale 1:40,000.

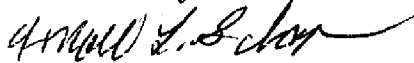
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

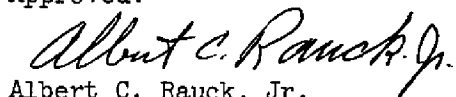
None

Submitted by:



Arnold L. Shands, Cartographer,
January 22, 1970

Approved:



Albert C. Rauck, Jr.
Chief, Coastal Mapping Section, AMC

21 April 1975

GEOGRAPHIC NAMES

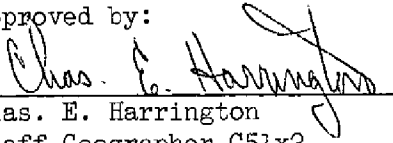
FINAL NAME SHEET

PH-6912 (Florida)

TP-00018

Bonita Shores
Cocohatchee River
Gulf of Mexico
Hells Gate
Little Hickory Bay
Little Hickory Island
Little Hickory Pass (closed)
Naples Park
Palm River
Seaboard Coast Line (RR)
Vanderbilt Beach
Water Turkey Bay
Wiggins Bay
Wiggins Island
Wiggins Pass

Approved by:


Chas. E. Harrington
Staff Geographer-C51x2

JOB PH-6912
ESTERO BAY,FLORIDA

T-Sheets: TP-000009,TP-00010,TP-00011 thru TP-00018

49- NOTES FOR THE HYDROGRAPHER AND FIELD EDITOR.

This special note is called to your attention. It concerns the absence of fiducial marks at the sides and corners of the infrared and color ratios submitted for your use.

The following ratios do not have fiducial marks, therefore their centers are shown by a double dashed circle. These ratios shall not be used to radially intersect positions of hydrographic signals. Pass points along the shoreline have been spaced closer than usual in order that you may by direct careful pricking, locate signals if required.

COLOR	INFRARED
69L(c)-9338 thru 9371	69L-9264R thru 9284R
	69L-9296R " 9312R
	69L-9314R " 9329R

REPEAT: DO NOT USE THE ABOVE LISTED RATIOS FOR RADIAL LOCATION OF SIGNALS.

The following listed color ratios: 69L(c)-9238 thru 9259, do have double solid centers fixed by fiducial marks, are specially processed, and may be used for radial intersection of signals.

NOAA FORM 75-74 (2-74)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
TP-00018			
1. PROJECTION AND GRIDS Coradomat RES	2. TITLE RES	3. MANUSCRIPT NUMBERS RES	4. MANUSCRIPT SIZE RES
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY Coradomat RES		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) X X	7. PHOTO HYDRO STATIONS X X
8. BENCH MARKS X X	9. PLOTTING OF SEXTANT FIXES X X	10. PHOTOGRAMMETRIC PLOT REPORT Bridge (W.O.)	11. DETAIL POINTS Wild B-8
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE *RES	13. LOW-WATER LINE X X	14. ROCKS, SHOALS, ETC. RES	15. BRIDGES RES
16. AIDS TO NAVIGATION X X	17. LANDMARKS X X	18. OTHER ALONGSHORE PHYSICAL FEATURES RES	19. OTHER ALONGSHORE CULTURAL FEATURES RES
PHYSICAL FEATURES			
20. WATER FEATURES RES		21. NATURAL GROUND COVER RES	22. PLANETABLE CONTOURS X X
23. STEREOSCOPIC INSTRUMENT CONTOURS X X	24. CONTOURS IN GENERAL X X	25. SPOT ELEVATIONS X X	26. OTHER PHYSICAL FEATURES RES
CULTURAL FEATURES			
27. ROADS RES	28. BUILDINGS RES	29. RAILROADS RES	30. OTHER CULTURAL FEATURES RES
BOUNDARIES			
31. BOUNDARY LINES X X		32. PUBLIC LAND LINES X X	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES RES		34. JUNCTIONS RES	35. LEGIBILITY OF THE MANUSCRIPT RES
36. DISCREPANCY OVERLAY RES	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS X X	39. FORMS RES
40. REVIEWER ** R.E. Smith		Date 2/11/70	SUPERVISOR, REVIEW SECTION OR UNIT Albert C. Rauck, Jr.
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER A.L. Shands		SUPERVISOR	
Reviewer:		Albert C. Rauck, Jr.	
43. REMARKS			
Field Edit Applied From: Field edit ozalid; field ratios			
* From Lat. 26° 16' 45" northward; as the ratio photography did not cover the area south of 26° 16' 45".			
** There was a disagreement between the compiler & reviewer; therefore, I can not state that I reviewed the Des. Report according to instructions. RES			

FIELD EDIT REPORT
ESTERO BAY, FLORIDA
JOB PH-6912
MAP TP-00018

52. ADEQUACY OF COMPILATION

Compilation was adequate. Some minor changes were indicated in the mangrove areas and numerous boat slips, bulkheads, and small piers were overlooked. The "mangrove" in the northwest corner of the map was erroneously labeled. It was not "mangrove" but australian pines and similiar vegetation.

The MHWL in the vicinity of Wiggans Pass has changed since photography. New photography was requested and flown in August, 1970. Several overhead and submerged cable crossings were omitted. They were located on the photographs and noted on the field edit ozalid.

The "road and bridge under construction", at lat. $26^{\circ} 16.3'$, long. $81^{\circ} 49.3'$, is now complete and in use. The road is 24 feet wide. An overhead communications cable is located 46 feet south of the centerline of the new road.

U. S. Highway 41 is now being converted to a 4 lane divided highway and a new bridge has been built over the Cocohatchee River. The new, southbound, lane is 24 feet wide and is 65 feet west of the centerline of the existing highway.

A building of landmark value has been constructed, since photography, at lat. $26^{\circ} 16.4'$, long. $81^{\circ} 49.5'$. It should be visible on the August 1970 photography and is recommended for charting.

No photography was available to the field editor south of latitude $29^{\circ} 16.3'$. All corrections or additions noted on the field edit ozalid south of this latitude are shown in their approximate positions only. These corrections should be taken from the August 1970 photography.

54. RECOMMENDATIONS

There are no recommendations.

55. EXAMINATION OF PROOF COPY

Geographic Names.

In accordance with verbal instructions given the field editor, no investigation of geographic names was made. Geographic names will be the subject of a special report to be submitted at a later date.

56. LANDMARKS AND NON-FLOATING AIDS FOR NAVIGATION

There are no recommended nautical landmarks or fixed aids to navigation within the limits of this map.

One new landmark building, discussed under side heading 52, above, is recommended for charting.

57. ROCKS, REEFS, AND SHOALS

There are no rocks or reefs, as defined, within the limits of this map. The only important shoal is in Wiggans Pass and was compiled as MHWL. It is actually awash and should be so mapped. Numerous, extensive "flats" are also to be found in the Wiggans Pass area. Appropriate notes were made on the photographs and attention drawn to them on the field edit ozalid.

58. PHOTOGRAPHY

Photography consisted of 1:10,000 ratio color photographs. Photography was good except for the area where no photo coverage was available. Some difficulty was experienced due to insufficient end lap.

59. DISPOSITION OF DATA

The field edit ozalid, field prints containing field edit information, the processed color office prints, and the matte finish infrared photographs, along with all pertinent data, were forwarded to The Director, Atlantic Marine Center. Two film ozalids, one containing photo-hydro signals, and one paper ozalid, with photo-hydro signals indicated, were transmitted to the hydrographic field party.

Richard E. Kesselring
Richard E. Kesselring
Surveying Technician

September 22, 1970

REVIEW REPORT TP-00018

SHORELINE

August, 1975

61. GENERAL STATEMENT:

See Summary, which is page six of the Descriptive Report.

A comparison print showing differences noted in paragraphs 62 through 65 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with T-11420, dated 1961, scale 1:10,000 and T-4373, from photographs taken in 1927, scale 1:20,000. Differences are shown in blue on the comparison print.

In the area compared, TP-00018 supersedes T-11420 and T-4373 for nautical chart construction purposes. T-11420 and T-4373 are the latest registered prior surveys of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with U.S.G.S. Quadrangle BONITA SPRINGS, FL, dated 1958, scale 1:24,000. The Gulf shoreline along Little Hickory Island and Vanderbilt Beach has receded approximately 10 to 30 meters. Differences are shown in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with the original boat sheet for Survey H-9149 (HFP-745-10-3-70), scale 1:10,000, dated 1970. Shoreline on the boat sheet is from the Class III (Incomplete) manuscript. Numerous shoreline changes were made as a result of field edit and 1970 photography. Consequently, there are several small differences between the boat sheet and the final reviewed manuscript TP-00018. There are several piles and markers shown in Water Turkey Bay that are not on TP-00018. Differences are shown in purple on the comparison print.

65. COMPARISON WITH NAUTICAL CHARTS:

The area covered by this map is within the limits of NOS Charts 11426, scale 1:80,000, 17th edition, dated July, 1974; 11427, scale 1:40,000, 12th edition, dated August, 1974 and 11430, scale 1:40,000, 7th edition, dated April, 1975. Significant differences are shown in red on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Reviewed by:

Billy H. Barnes

Billy H. Barnes
Cartographer
August, 1975

Approved for Forwarding:

Victor E. Serena

Victor E. Serena
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

TP-00018
1:10,000

19

26° 16' 00"

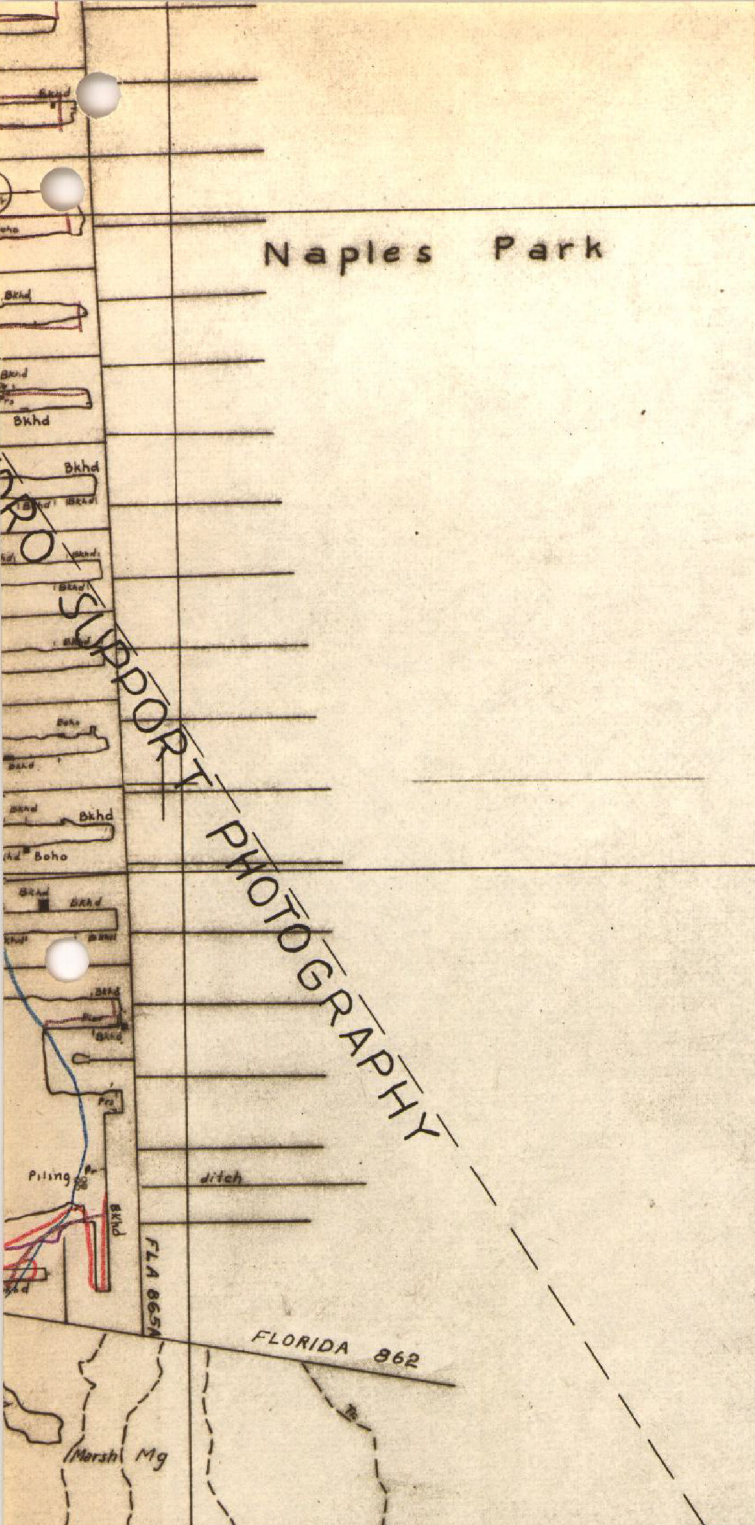
Naples Park

COMPARISON PRINT
Blue = 4373 (USC&GS)
Red = Chart 11430
Purple = H-9149
Brown = USGS

26° 15' 30"

26° 15' 00"

=560,000 FT. 49' NO CONTEMPORARY SURVEY 81° 48' 30" X=565,000 FT. 81° 48'



NOTE: Unlabeled circles are photogrammetric plot points; not map features.

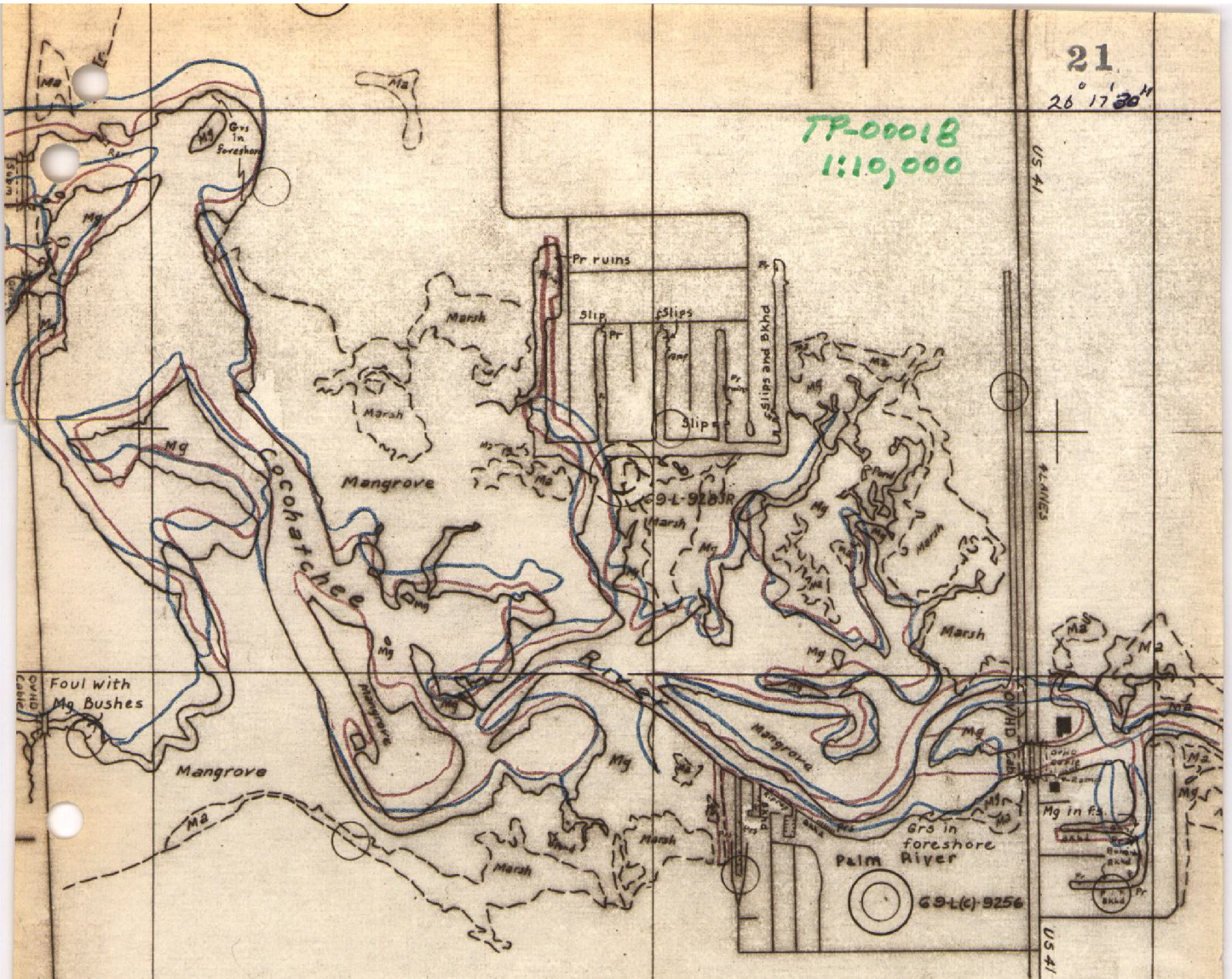
- △ Recoverable horizontal control station of third-order or higher accuracy
- Open areas are cleared or cultivated.
- The light shoreline defines the outer limits of vegetation visible above approximate mean high water.
- The heavy shoreline defines the approximate mean high water.
- Compiled by photogrammetric methods, from aerial photographs
- Date of Photography June 1969
- Date of Field Inspection None
- Date of Field Edit Aug. 1970
- Date of Final Compilation Sept. 1971

①

21

26° 17' 30"

TP-00018
1:10,000

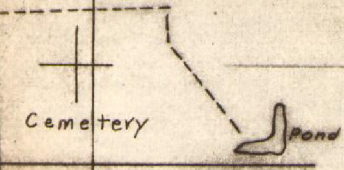


COMPARISON PRINT
 Blue -4373 (USC&GS)
 Brown -USGS

81° 48' 30"

81° 48' 00"

26° 16' 30"



TT-00018
1:10,000

22

COMPARISON PRINT
Blue=4373 (USC&GS)
Red = Charts 1142 7 and 11430
Purple=H9149
Brown=USGS

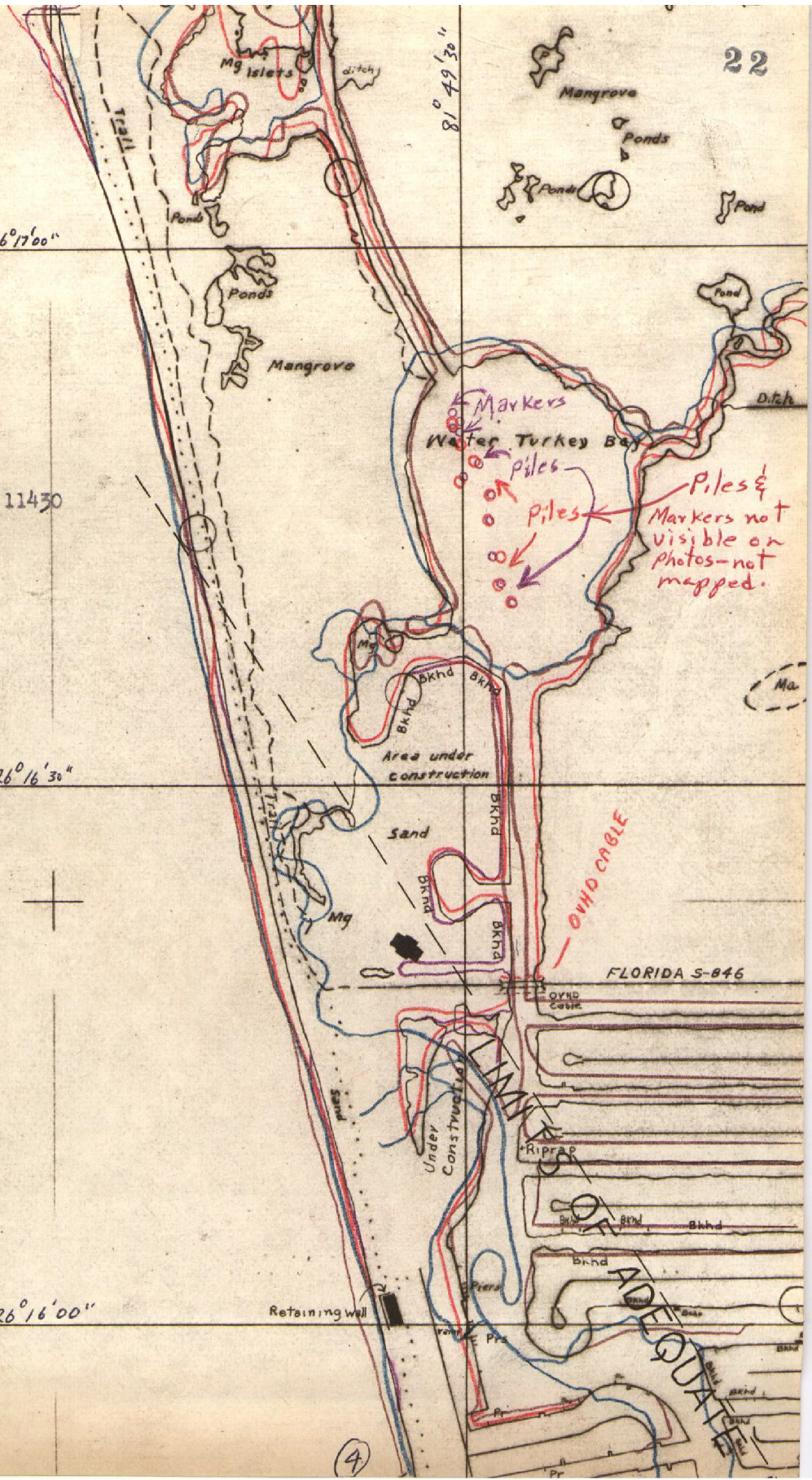
26° 17' 00"

81° 49' 30"

26° 16' 30"

26° 16' 00"

81° 50' 00"



Markers
Piles
Piles & Markers not visible on photos - not mapped.

FLORIDA S-846

ADEQUATE

9

26° 17' 30"

17' 30"
17' 30"

23

TP-00018
1:10,000

Y=710,000 FT.
Y=710,000 FT.

81° 47' 30"

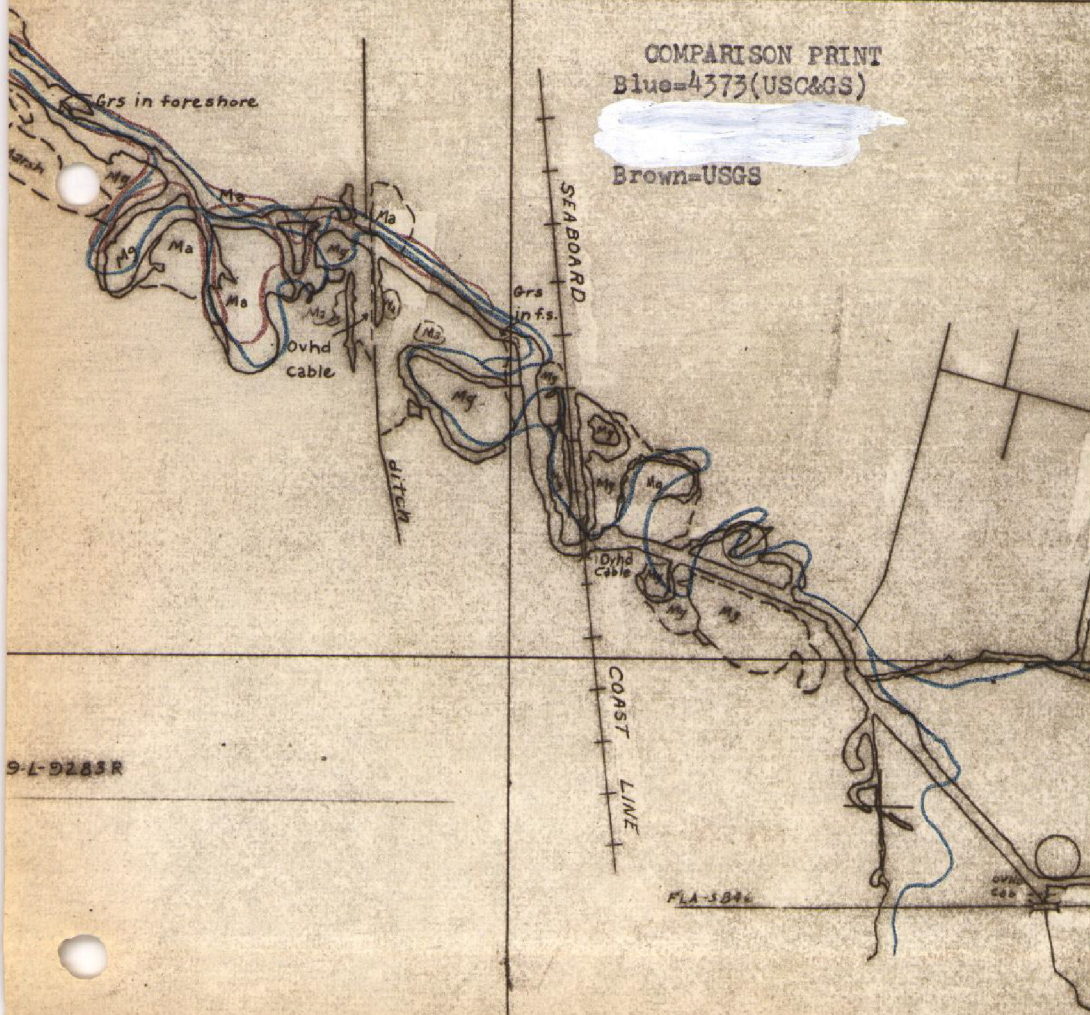
81° 47' 00"

26° 17' 00"

17'
17'

COMPARISON PRINT
Blue=4373(USC&GS)

Brown=USGS



16' 30"
16' 30"

Y=705,000 FT
Y=705,000 FT.

9-L-9283R

FLA 5826

5

TP-00018
1:10,000 24.

closed)

69-L(6)-9254

26°18'00"

69-L-9281

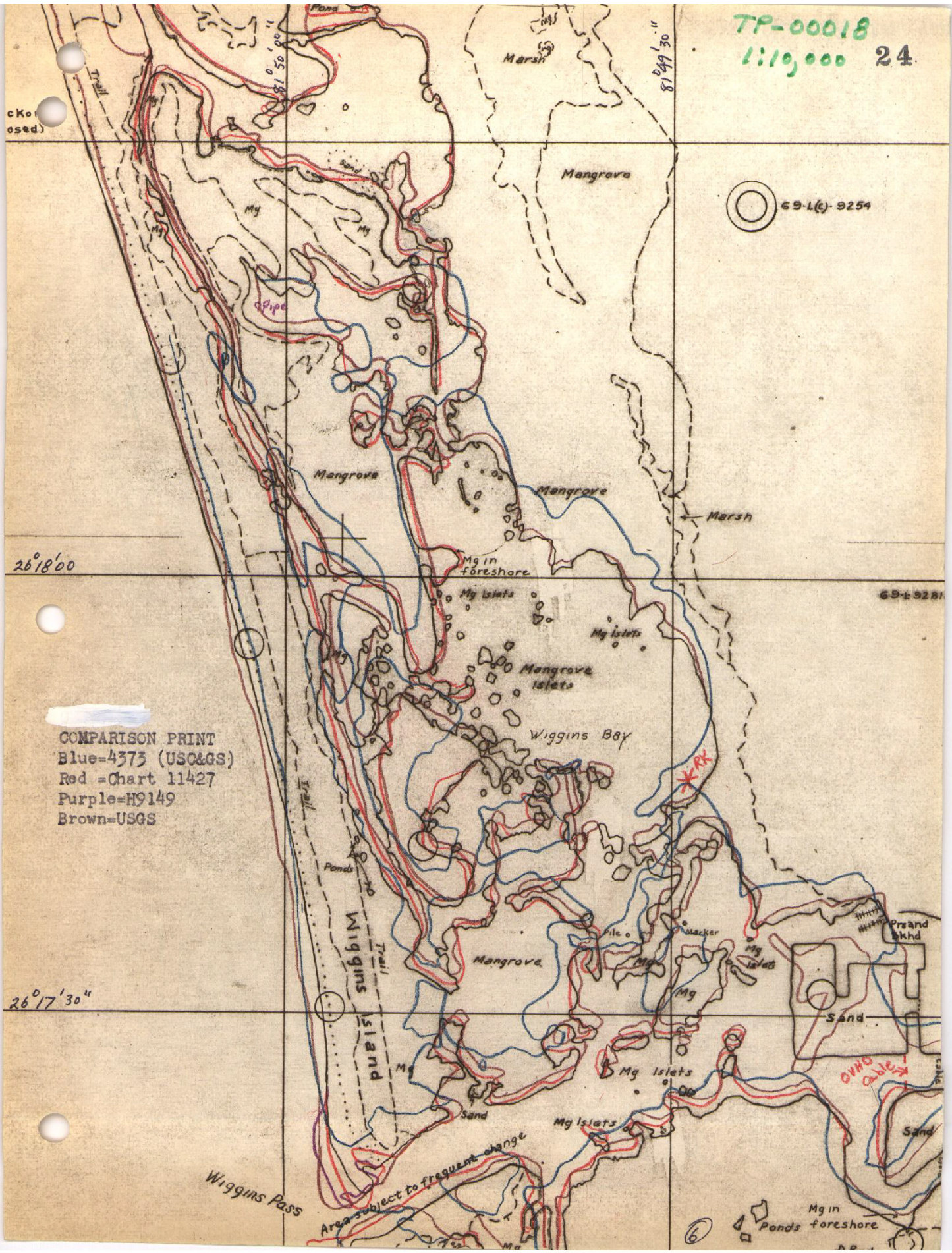
COMPARISON PRINT
Blue=4373 (USC&GS)
Red =Chart 11427
Purple=H9149
Brown=USGS

26°17'30"

Wiggins Pass

Area subject to frequent change

OWHO cable



X=550,000 FT.
X=550,000 FT.

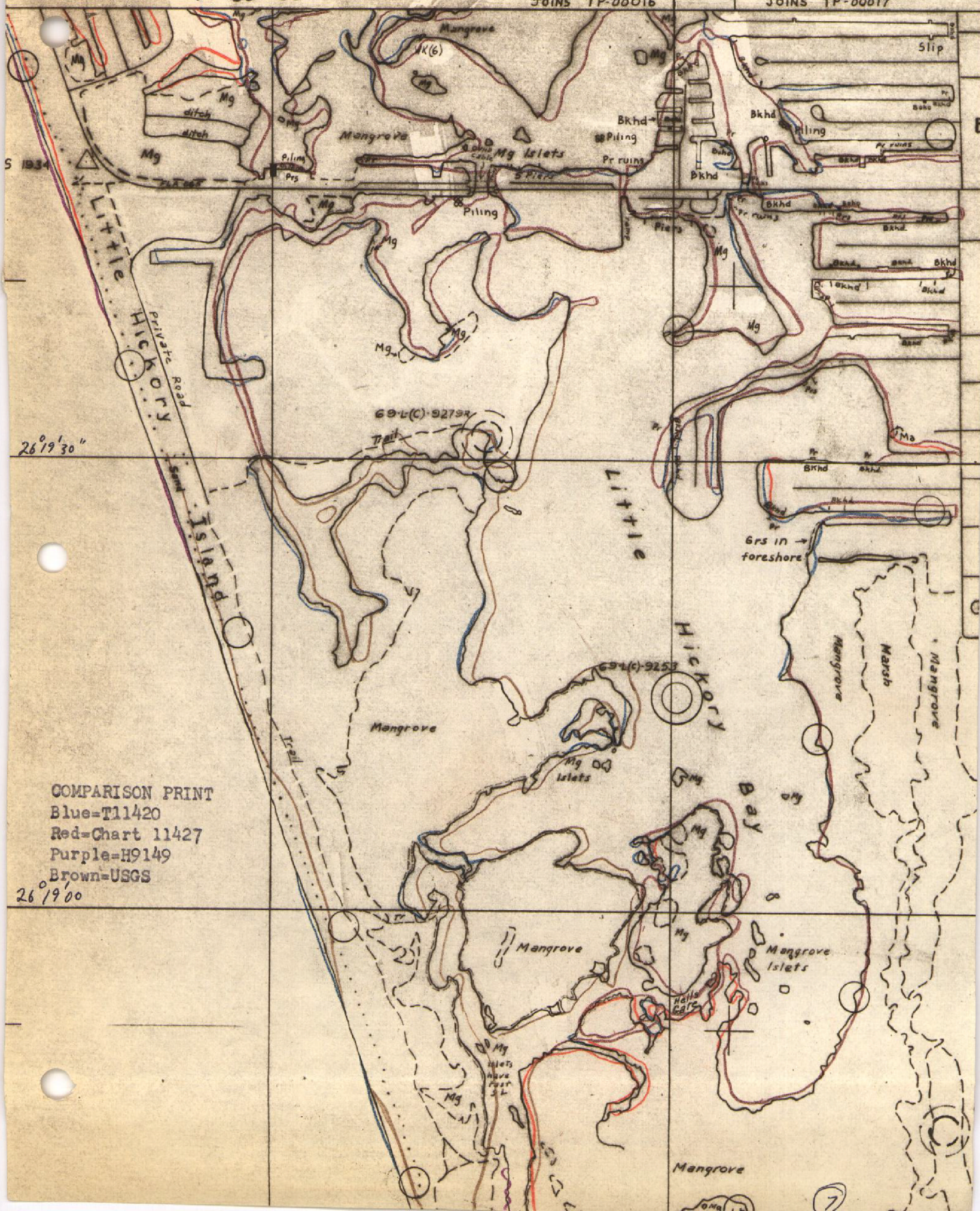
50'30"
81° 50' 30"

81° 50' 00" X=555,000 FT.

TP-00018
11/19/00
25

JOINS TP-00016

JOINS TP-00017



COMPARISON PRINT
 Blue-T11420
 Red-Chart 11427
 Purple-H9149
 Brown-USGS

26°19'00"

7