TP-01016

TP-01016

NOAA FORM 76-35
(3-76)

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

DESCRIPTIVE REPORT

Map No. TP-01016	*Edition No.* 1
Job No. CM-7819	
Map Classification Final Field Edited	
Type of Survey Shoreline	

LOCALITY

State Florida

General Locality Withlacoochee Bay

Locality South Mangrove Point to Long Point

19 79 TO 1980

REGISTRY IN ARCHIVES

DATE

*U.S. GOVERNMENT PRINTING OFFICE:1976-669-248

NOAA FORM 76-36A (3-72) — U. S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY
- [X] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

SURVEY TP-01016
MAP EDITION NO. (1)
MAP CLASS Final field edited
JOB PH-CM-7819

PHOTOGRAMMETRIC OFFICE: Rockville, Md.

OFFICER-IN-CHARGE: Cmdr. W. Simmons

LAST PRECEEDING MAP EDITION
TYPE OF SURVEY
- [ ] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

JOB PH-
MAP CLASS
SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE	2. FIELD
General Instructions-Office-NOS Cooperative Coastal Boundary Mapping-Job PH-7000 9 Dec 1975 Office-18 Aug 1977 Amendment I - 3 Jan 1978 Amendment II - 7 Mar 1978	Field Instructions - 11 Aug 1976 27 Dec 1976 Amendment - Field Edit Procedures 30 Jan 1978

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER; [ ] MEAN LOW-WATER; [ ] MEAN LOWER LOW-WATER; [ ] MEAN SEA LEVEL — OTHER (Specify)

3. MAP PROJECTION: Transverse Mercator

4. GRID(S): STATE: Florida; ZONE: West

5. SCALE: 1:20,000 — STATE; ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic	BY	B. Thornton	Jan 1980
	LANDMARKS AND AIDS BY	N/A	
2. CONTROL AND BRIDGE POINTS METHOD: Cal Comp	PLOTTED BY	J. Taylor	Mar 1980
	CHECKED BY	N/A	
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	N/A	
	CHECKED BY		
INSTRUMENT:	CONTOURS BY	N/A	
SCALE:	CHECKED BY		
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	E. Allen	April 1980
	CHECKED BY	P. Dempsey	May 1980
METHOD: Graphic	CONTOURS BY	N/A	
	CHECKED BY		
SCALE: 1:20,000	HYDRO SUPPORT DATA BY	N/A	
	CHECKED BY		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	D. Brant	May 1980
6. APPLICATION OF FIELD EDIT DATA	BY	F. Wright	Aug 1980
	CHECKED BY	P. Dempsey	Aug 1980
7. COMPILATION SECTION REVIEW	BY	F. Wright	Oct 1980
8. FINAL REVIEW	BY	P. Dempsey	Aug 1984
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	P. Dempsey	Aug 1984
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	E. DAUGHERTY	NOV 1984

NOAA FORM 76-36A — SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

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

COMPILATION SOURCES TP-01016

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC-10

TIDE STAGE REFERENCE
- [ ] PREDICTED TIDES
- [ ] REFERENCE STATION RECORDS
- [X] TIDE CONTROLLED PHOTOGRAPHY

TYPES OF PHOTOGRAPHY LEGEND
(C) COLOR
(P) PANCHROMATIC
(I) INFRARED

TIME REFERENCE
ZONE: Eastern [X] STANDARD
MERIDIAN: 75th [ ] DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
79 CR 0077-0079	3/26/79	1527	1:60,000	Refer to NOAA Form 76-36B(1)

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the 1:60,000 rectified black-and-white= infrared photography listed in Item 1.

Where the MHW line was obscured by vegetation the apparent shoreline was shown.

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

Gulf Coast

There is no GCLW line on this map.

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-01014 & TP-01015	TP-01017	TP-01018	No Contemporary Survey

REMARKS

NOAA FORM 76-36B(1)
(7-75)

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

TIDE - COORDINATED PHOTOGRAPHY

TP - 01016

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
79 CR 0077-0079	Withlacoochee River Entrance	-0.30 MHW	2.5

REMARKS:

NOAA FORM 76-36C
(3-72)

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

HISTORY OF FIELD OPERATIONS

I. [X] FIELD INSPECTION OPERATION [ ] FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		David H. Minkel	
2. HORIZONTAL CONTROL	RECOVERED BY	P.P. 65	6/79
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY	P.P. 65	6/79
3. VERTICAL CONTROL	RECOVERED BY		
	ESTABLISHED BY	N/A	
	PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY		
	LOCATED *(Field Methods)* BY		
	IDENTIFIED BY	D. Minkel & C. Middleton	11/79-3/80
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [X] NO INVESTIGATION — BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	D. Minkel	4/80
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N/A	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*

NOS80CT79CP 3433 NOS26MAR79CP 0010 & 0026

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

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)*

None

NOAA FORM 76-36C
(3-72)

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

NOAA FORM 76-36C
(3-72)

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

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		D. Minkel	
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 ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION — BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	D. Minkel	18 July 80
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N/A	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED — None

PHOTO NUMBER	STATION NAME

2. VERTICAL CONTROL IDENTIFIED — None

PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*
Two Islets 79 6R 0078

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
Blue print showing spoil areas for barge channel leading to Crystal River Power Plant

8. OTHER FIELD RECORDS *(Sketch books, etc. DO NOT list data submitted to the Geodesy Division)*
None

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

NOAA FORM 76-36D
(3-72)

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

RECORD OF SURVEY USE

TP-01016

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT

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

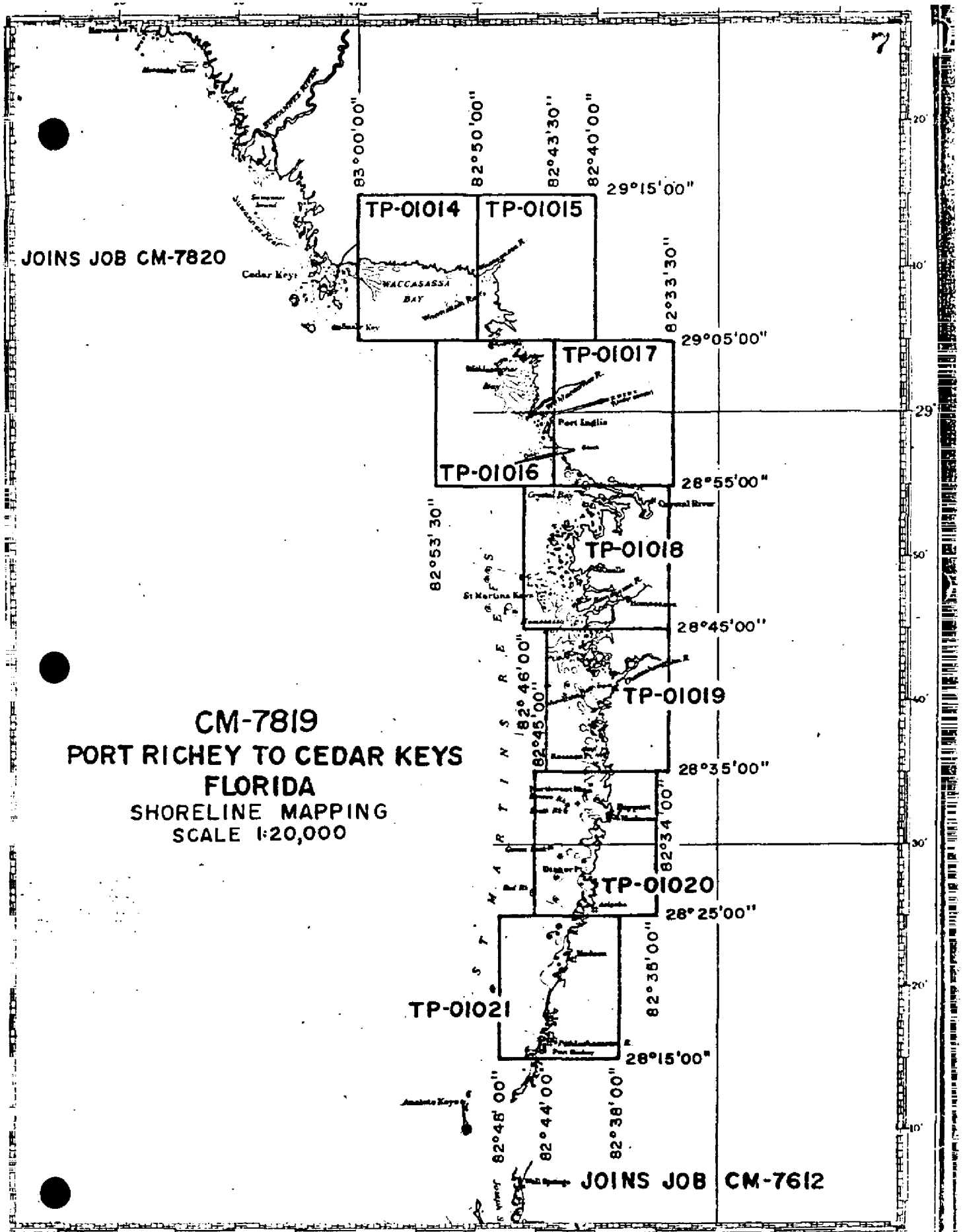
1. ☐ BRIDGING PHOTOGRAPHS; ☐ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:
   1 - NOAA Form 76-52, 1 three ring binder showing 1979 premark panelling data.
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS *(This section shall be completed each time a new map edition is registered)*

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY / MAP CLASS
SECOND EDITION	TP - _____ (2)	PH - _____	☐ REVISED ☐ RESURVEY ☐ 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	

NOAA FORM 76-36D

★U. S. GOVERNMENT PRINTING OFFICE: 1973--778076/1077 REGION NO. 6



CM-7819
PORT RICHEY TO CEDAR KEYS
FLORIDA
SHORELINE MAPPING
SCALE 1:20,000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-01016

Coastal Zone Map TP-01016 is one of eight 1:20,000 scale shoreline maps in project CM-7819. 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-7819 extends from Cedar Keys to Port Richey. A copy of the layout is included in this Descriptive Report. Field operations consisted of a field inspection, premarking horizontal control and photographing the area, establishing tidal datums and performing the field edit.

This map was compiled using 1:60,000 scale, black and white, infrared MHW, rectified photography taken with the Wild RC-10-C camera in March 1979.

The Aerotriangulation Unit in Rockville, Maryland bridged four 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 July, 1980. 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. These items were compiled, to the extent possible, by office photogrammetric methods. The edit 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 August, 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 the final map.

FIELD INSPECTION REPORT

SHEET TP - 01016

2. Areal Field Inspection

This report is submitted for sheet TP-01016; the area covered is from Mangrove Pt. south to the mouth of the Crystal River, Fl.. The shoreline is predominantly apparent (marsh grass), the remainder is fast shoreline composed of bare rock.

Photography furnished consisted of 1979 single lens ratio prints 1: 20000 scale from two flights. One flight was in March 79 and one in October 79.

Photography used consists of two March photos and one October photo. The March photography was considered better due to the tide being at or near MHW. The October photo was used because no adequate March photography could be found for the northern portion of this sheet. The March photos could not be used because of glare and very poor contrast. Contrast was so poor that many small islands (of which this area has many) could not be seen on the photos.

Field inspection of this area was extremely difficult because of the extremely low tide at the time of photography, the numerous small islands in the area, and the very shallow water which forced inspection to be conducted within one hour of high water. This combination of factors caused some areas of the photo to have no discernible resemblance to the same area observed from ground level.

3. Horizontal Control

N/A

4. Vertical Control

N/A

5. Contours and Drainage

Contours are not applicable. Ditches are shown when present.

6. Woodland Cover

Woodland cover along the Withlacoochee River consists primarily of Cypress and Live Oak. Tree overhang when present was generally less than 15 ft..

7. Shoreline and Alongshore Features

The Gulf shore of this sheet is primarily apparent shoreline comprised of marsh grass growing down to the high water line. The fast portions are usually bare rock (limestone); however, there are some natural shell beaches located at the mouth of the Withlacoochee River.

No attempt was made to delineate the approx. high or low water lines.

Numerous oyster bars are on this sheet; however, they were not annotated as they are not exposed at MHW.

Submerged cables, overhead cables, and similar such features have been annotated when present.

The entrance to both the Cross Florida Barge Canal and the canal leading into the Crystal River Power Plant are on this sheet. Dredging of these channels has resulted in many spoil islands along the channels; dredging of the power plant channel is still underway.

8. Offshore Features

All offshore islands were visited and appropriate notes made on the photos.

9. Landmarks and Aids to Navigation

N/A

10. Boundaries, Monuments, and Lines

N/A

11. Other Control

N/A

12. Interior Features

Salient features of the Crystal River Power Plant have been annotated, the two stacks of the plant are charted landmarks. Further information on the plant may be found on sheet TP-01017.

13. Geographic Names

N/A

14. Special Reports and Supplemental Data

N/A

Submitted 15 April 1980

David H. Minkel

David H. Minkel, LTJG NOAA
Chief, Photo Party 65

Photogrammetric Plot Report

Port Richey to Cedar Keys, Florida, CM-7819

February 8, 1980

21. Area Covered

The area covered by this report extends from Cedar Keys to Port Richey. This area is covered by 8 1:20,000 scale sheets; TP-01014 through TP-01021.

22. Method

Four strips of 1:60,000 scale black and white photography were bridged by analytic aerotriangulation methods. The strips of bridging photography were controlled by field identified control and tie points in areas where control was deficient. Tie points also were used in all strips to insure an adequate junction of all strips during the strip adjustments. The infrared photography was drilled so that it could be used for rectification.

23. Adequacy of Control

Control checked well within map accuracy standards and is more than sufficient for its intended use. See attached sheet for accuracy of control in the strip adjustments.

Station Corner 1934, could not be identified on our bridging photography so our office requested photo identifiable points to be located by a field party to replace that point.

24. Supplemental Data

USGS Quadrangles were used to provide vertical control for the adjustment.

25. Photography

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

Submitted by,

Brian Thornton

Brian Thornton

Approved and Forwarded:

Don O. Norman

Don O. Norman
Chief, Aerotriangulation Section

Accuracy of Control

Strip #1

PT.	X-ERROR	Y-ERROR
473101	-.161	.269
476101	1.906	-.771
477101	-1.402	1.437
479101	-.343	-.935

Strip #2

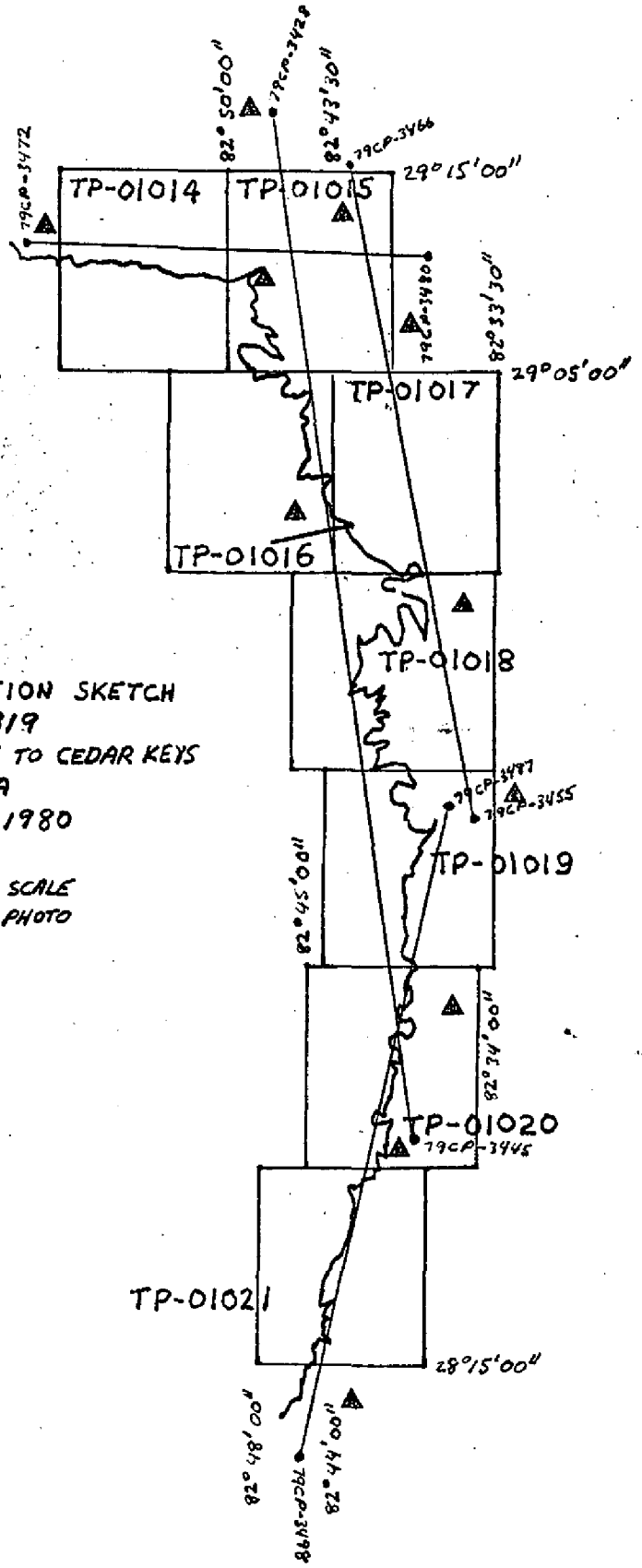
Pt.	X-ERROR	Y-ERROR
455101	-.134	-.069
459101	.302	.200
479101	-.235	-.365
477101	.064	.242

Strip #3

PT.	X-ERROR	Y-ERROR
428101	.545	1.035
477101	4.163	.277
476101	-2.706	-5.658
462802	-.764	6.306
434100	4.480	-5.317
458801	4.244	4.155
488801	1.166	4.233
489802	.230	-3.456
490101	-4.813	-3.070
445101	2.892	1.438

Strip #4

PT.	X-ERROR	Y-ERROR
455101	.243	.461
490101	-1.750	-1.794
445101	1.753	1.492
479101	-.248	-.162



AEROTRIANGULATION SKETCH
CM-7819
PORT RICHEY TO CEDAR KEYS
FLORIDA
FEBRUARY 8, 1980

1:60,000 SCALE
BRIDGING PHOTO

NOAA FORM 76-41
(6-75)

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
TP-01016	CM-7819	N A 1927	Rockville, Md.

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Florida ZONE West	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
Knott, 1940	AMC List	434100	x= 262,201.30	φ	
			y= 1,685,934.74	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			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	DATE	COMPUTATION CHECKED BY	DATE
LISTED BY E. Allen	DATE April 1980	LISTING CHECKED BY P. Dempsey	DATE May 1980
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

Compilation Report
TP-01016
April 1980

31. Delineation

All alongshore cultural features and interior planimetry on this map were delineated by graphic compilation using rectified black-and-white prints of the infrared photography. This photography was controlled by map points determined by aerotriangulation.

The MHW line was compiled from the infrared photography.

No GCLW line was compiled on this map.

32. Horizontal Control

Horizontal control was adequate (See Photogrammetric Plot Report).

33. Supplemental Data

Two tide stations were plotted from sketches furnished by the Tidal Datums and Information Branch.

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from rectified black-and-white infrared photography.

35. Shoreline and Alongshore Detail

Office interpretaion of the rectified black-and-white infrared photography was adequate for delineating the shoreline and alongshore features.

36. Offshore Details - None

37. Landmarks and Aids

There were no landmarks or Aids to navigation located on this map.

38. Control for Future Surveys - None

39. Junctions

Refer to NOAA Form 76-36B

40. Horizontal and Vertical Control

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

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following USGS 7.5 quads:

Red Level, Fla., 1955 - Scale 1:24,000
Yankeetown, Fla., 1954 - Scale 1:24,000
Withlacoochee, Fla., 1955 - Scale 1:24,000

47. Comparison with Nautical Charts

Comparison was made with the following Nautical Chart:

11408 17th Edition, Sept. 8, 1979, Scale 1:80,000

No significant changes were found.

Submitted by,

E. D. Allen

Approved and Forwarded:

FOR: F. Wright
Chief, Coastal Mapping Section

FIELD EDIT REPORT

TP-01016

CM-7819

51. Methods

Field Edit performed on this sheet consisted primarily of resolving discrepancy items and verifying shoreline classification. Edit was performed from a skiff. Corrections, etc., are noted on the discrepancy print in violet. Photo 79 CR 0078 was used to indicate two islets which were omitted.

52. Adequacy of Compilation

Adequate and complete after application of field edit.

53. Map Accuracy

No accuracy test required.

54. Recommendations

None.

55. Proof of Examination Copy

N/A

56. Spoil Banks, Florida Power and Light Power Plant

The discrepancy items on the spoil banks were checked on 11 July at 1107 EDT. Verification of MHW was accomplished by having the staff at tide station 872-7386 (Florida Power) read while shoreline classification was performed. MHW value of the staff was obtained via telephone from Tidal Datums Section, the value quoted was 3.15 ft. above staff zero. At the time of investigation the staff reading was 3.2 ft; handi-talkies were used to relay staff values.

The two westerly discrepancy areas were awash at the time of investigation with a 0.5 ft. wind chop. Taking the chop into account. it is recommended that all three questioned areas be depicted as bare at MHW with a fast shoreline.

The attached blueprint shows the location of three cuts to be made thru the spoil banks (one, Fisherman's Pass, already exists). These cuts

are to be completed by the end of September, 80.

Additional information may be obtained from Mr. Doug Giffin, Florida Power and Light, 904-795-2310 or Mr. Ronald D. Larsen, R.L.S., 819 Arlington Ave, P.O. Box 683, St. Petersburg, Fl. 33731, 813-822-4317 or 904-795-2310. Mr. Larsen is employed by George F. Young, Inc. (surveyors) and has volunteered the results from the hydrographic survey his field party is conducting in the dredged channel. Dredging is being performed by Trans-State Dredging, Ft. Pierce, Fl..

57. Channel, to Bungalow Pass

The channal indicated at 28° 59.5' N, 82° 45.5' W which leads to Bungalow Pass should be deleted as it is not marked (in any form) and is silting in; furthermore it leads to a shoal area in Bungalow Pass. It is felt that this channel should be deleted as it could cause the misconception that the channel continues thru to the Withlacoochee River.

58. Offshore Oyster Bars

No portions of the oyster bars on the discrepancy print were found to be bare at MHW. The investigation was conducted on 10 July 80 by starting at Fisherman's Pass at 1058 EDT and proceeding north, close and offshore of the oyster bars. The boat was run at a constant speed and was west of S. Mangrove Pt. at 1132 EDT.

59. Islets, Photo 79 CR 0078

Two islets that were omitted south of the enterance to the Cross Florida Barge Canal are indicated. Both are fast and have dimensionally correct images (in regard to MHW) on the photo.

Submitted 18 July 80

David H. Minkel

David H. Minkel, LTJG
Chief, Photo Party 65

REVIEW REPORT
TP-01016
AUGUST 1984

61. General Statement

Refer to the summary bound with this Descriptive Report.

62. Comparison With Registered Topographic Surveys - None

63. Comparison With Maps of Other Agencies

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

64. Comparison With Contemporary Hydrographic Surveys - None

65. Comparison With Nautical Charts

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

66. Adequacy of Results and Future Surveys

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

Submitted by:

Patrick J. Dempsey
Cartographer

Approved and Forwarded:

for Chief, Photogrammetric Section

for Chief, Photogrammetry Branch

6/9/80

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7819 (Live Oak Key to Port Richey, Florida)

TP-01016

Bennetts Creek
Bird Creek
Bird Island
Bird Rock
Buckford Creek
Bungalow Pass
Burtine Island
Captain Joe Island
Chambers Island
Covas Creek
Cross Creek
Cross Florida Barge Canal
Deadman Key
Demory Creek
Drum Island
East Pass
Everett Island
Fuller Creek
Grassy Creek
Gulf of Mexico
Helverson Creek
Helverson Island
Hodges Island
Johns Creek
Jones Creek
Jubb Island
Kelly Creek
Little Rocky Creek
Long Point
Lows Bay
Lows Creek
Lutrell Island
MacDonald Creek
Porpoise Point
Port Inglis
Pumpkin Island
Richardson Creek
Roach Island
Rocky Cove
Sandfly Creek
Smith Creek
South Mangrove Point
Spring Run
Thousandmile Creek
Tooke Creek
Trout Creek
Vassey Creek
Withlacoochee Bay
Withlacoochee River

Approved by:

Charles E. Harrington
Chief Geographer

DISSEMINATION OF PROJECT MATERIAL
CM-7819
NEW PORT RICHEY TO CEDAR KEY

National Archives/Federal Records Center

Job Completion Report
Brown Jacket:
Field Photographs
Discrepancy Prints
Photogrammetric Plot Report
Computer Listings
Tide Data
1 - 3 ring binder containing premark panelling data
Control station identification cards
1 NOAA form 76-52

Bureau Archives

Registered Map
Descriptive Report

Reproduction Division

8x reduction negative of map

Office of Staff Geographer

Geographic Names Standards

FORM C&GS-8352
(3-25-63)

NAUTICAL CHART DIVISION

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.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.

USCOMM-DC 8868-P63