TP-01019

TP-01019

NOAA FORM 76-35
(3-76)

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

DESCRIPTIVE REPORT

Map No. TP-01019	*Edition No.* 1
Job No. CM-7819	
Map Classification Final Field Edited	
Type of Survey Shoreline	

LOCALITY

State Florida

General Locality Chassahowitzka River

Locality Long Point to Racoon Point

1979 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. 01019
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 March 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	J. Schad	Mar 1980
	CHECKED BY	C. Lewis	April 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	April 1980
6. APPLICATION OF FIELD EDIT DATA	BY	F. Wright	July 1980
	CHECKED BY	P. Dempsey	July 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

TP-01019

COMPILATION SOURCES

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 — [XX] STANDARD
MERIDIAN: 75th — [ ] DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
79CR 0059	26 March 79	1457	1:60,000	refer to NOAA Form 76-36(B)1
0083-85	26 March 79	1530	1:60,000	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the black and white infrared photography listed in item 1 above.

3. SOURCE OF GULF COAST LOW-WATER LINE:

No GCLW photography was available.

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-01018	none	TP-01020	none

REMARKS

Final junctions made in the Coastal Mapping Section

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

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

TIDE - COORDINATED PHOTOGRAPHY

TP - 01019

LOCATION AND PHOTOGRAPHY	TIDE STATIONS *(In operation at time of photography)*	STAGE OF TIDE	MEAN RANGE
79CR0059	Withlacoochee River Entrance	0.00	
	Bayport	-0.35 MHW	
79CR0083-85	Bayport	-0.60 MHW	

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	Photo Party 65	LTJG David H. Minkel	
2. HORIZONTAL CONTROL	RECOVERED BY	N/A	
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY		
3. VERTICAL CONTROL	RECOVERED BY	N/A	
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY		
	LOCATED *(Field Methods)* BY		
	IDENTIFIED BY	Photo Party 65	AUG - SEPT
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION: [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [X] NO INVESTIGATION — BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	David H. Minkel	AUG - SEPT
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY		

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)*

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

~~Light "28" to be deleted~~

PHOTO NUMBER	OBJECT NAME

PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: [ ] REPORT [X] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [ ] NONE

7. SUPPLEMENTAL MAPS AND PLANS

Rough Map showing limits of Chassahowitzka National Wildlife Refuge

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 76-36C
(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	P.P. 65	D. Minkel	
2. HORIZONTAL CONTROL	RECOVERED BY	D. Minkel	6/80
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY		
3. VERTICAL CONTROL	RECOVERED BY		
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY		
	LOCATED *(Field Methods)* BY	D. Minkel	6/17/80
	IDENTIFIED BY		
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☒ SPECIFIC NAMES ONLY ☐ NO INVESTIGATION — BY	D. Minkel	6/80
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	D. Minkel	6/80
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY		

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)*

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Light "CW"

PHOTO NUMBER	OBJECT NAME

PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☐ NONE

6. 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)*

*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-01019

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
		7/24/80	Field edit report, 76-40 and field edit application notes

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

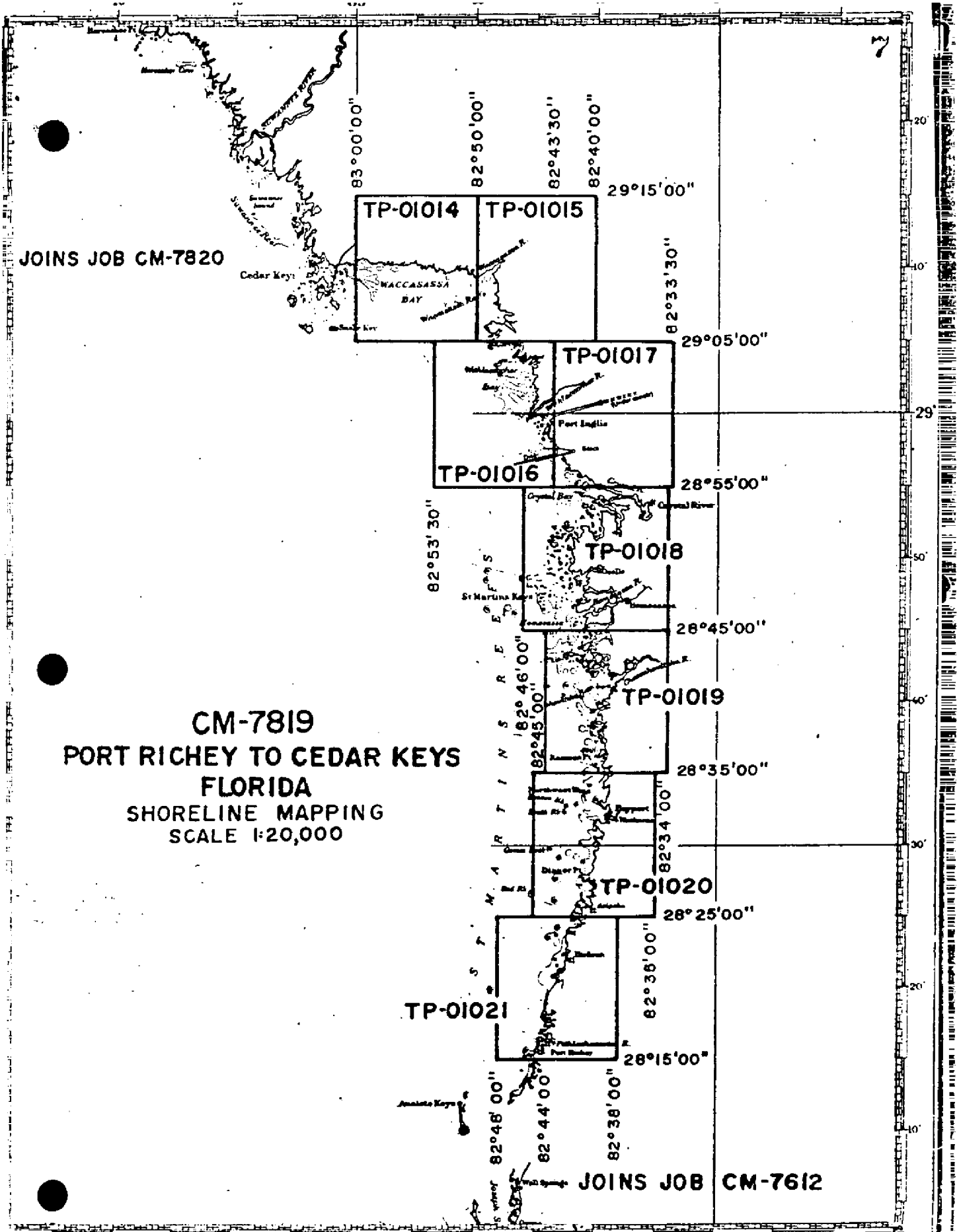
1. ☐ BRIDGING PHOTOGRAPHS; ☐ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.
2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:
   1 three ring 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--778075/1077 REGION NO. 6


7
83°00'00"
82°50'00"
82°43'30"
82°40'00"
29°15'00"
TP-01014
TP-01015
JOINS JOB CM-7820
Cedar Keys
WACCASASSA BAY
82°33'30"
29°05'00"
TP-01017
Port Inglis
TP-01016
28°55'00"
82°53'30"
TP-01018
St Martins Keys
28°45'00"
82°46'00"
82°45'00"
TP-01019
28°35'00"
82°34'00"
TP-01020
28°25'00"
82°38'00"
TP-01021
28°15'00"
82°48'00"
82°44'00"
82°38'00"
JOINS JOB CM-7612
CM-7819
PORT RICHEY TO CEDAR KEYS
FLORIDA
SHORELINE MAPPING
SCALE 1:20,000
83°

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-01019

Coastal Zone Map TP-01019 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 June, 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-01019

2. Areal Field Inspection

This report is submitted for sheet TP-01019. The sheet covers the area from Mason Creek (south of Homosassa) south to Pine Island, this area includes the entire Chassahowitzka River.

The majority of the shoreline covered by this sheet is located within the Chassahowitzka National Wildlife Refuge and is sparsely populated.

The photographs for this sheet consist of 1979 single lens Panchromatic ratio prints 1:60,000 (three 2X and one 3X ratio).

Photography furnished consisted of all photos along a flight line. Portions of the photos are adequate, but there are many areas where land features blend into the water making interpretation difficult. The 3X ratio print was considerably better.

Not all of the shoreline was inspected due to accessibility problems, man hours involved, and unnecessary damage to equipment. Photos were closely checked to determine where high ground, settlements, or boat traffic was possible, all suspect areas were checked and classified. Areas not annotated were not inspected.

It was observed that the majority of the shoreline consists of marsh grass which appears as a fine textured medium grey tone on the photos. Where the texture becomes coarse and the tone becomes a medium dark grey it was found to usually indicate a hammock (wooded area) which consists of high ground and fast shoreline.

3. Horizontal Control

N/A

4. Vertical Control

N/A

5. Contours and Drains

Contours not applicable. Ditches have been indicated on the photographs.

6. Woodland Cover

Tree overhang was classified when appropriate.

7. Shoreline and Alongshore features

The shoreline was inspected from a skiff run close to shore. The shoreline consists of apparent, bulkhead, fast, and manmade classifications which have been inked on the photographs.

No attempt was made to delineate the approximate low water line on the photographs.

Overhead cables have been indicated on the photographs.

Oyster Bars where identified have been noted on the photos. The bars were found over the entire Gulf coast of this sheet. It is recommended that these bars be charted as shoal areas and their boundaries be determined by compilation.

8. Offshore features

Offshore islands were visited and classified accordingly on the photos.

9. Landmarks and Aids

There are no charted landmarks on this sheet and no suitable objects were observed.

9. Landmarks and Aids (cont.)

Light "2" (28° 42.1' N, 82° 40.7' W) was not found. According to Mr. E. Collinsworth, Chassahowitzka National Wildlife Refuge Manager, the light was proposed but never erected. Recommend light be deleted from chart 11409.

10. Boundaries, Monuments, and Lines

Because the main means of access to the Chassahowitzka National Wildlife Refuge is by boat, it is recommended that the refuge be indicated on the chart. In addition, boating and hunting are restricted in some areas of the refuge. Refuge headquarters were visited to obtain an adequate description of the limits of the refuge, no suitable description was available. Attached is a rough map showing the limits of the refuge.

11. Other Control

N/A

12. Other Interior Features

N/A

13. Geographic Names

N/A

14. Special Reports and Supplemental Data

Map showing approximate boundaries of the Chassahowitzka National Wildlife Refuge. Map forwarded to Nautical Charts 4/28/80 gpw

15. Recommendation

It should be noted that the chart indicates that Seven Cabbage Cutoff (28° 43.5' N, 82° 39.0' W) is a reletively safe passage between Porpoise Bay and Chassahowitzka Bay. In reality the cutoff is shoal with oyster bars and should be used with caution. It is recommended

that the cutoff either be marked with a cautionary note or be charted so as to indicate the amount of shoaling in the cutoff.

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

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

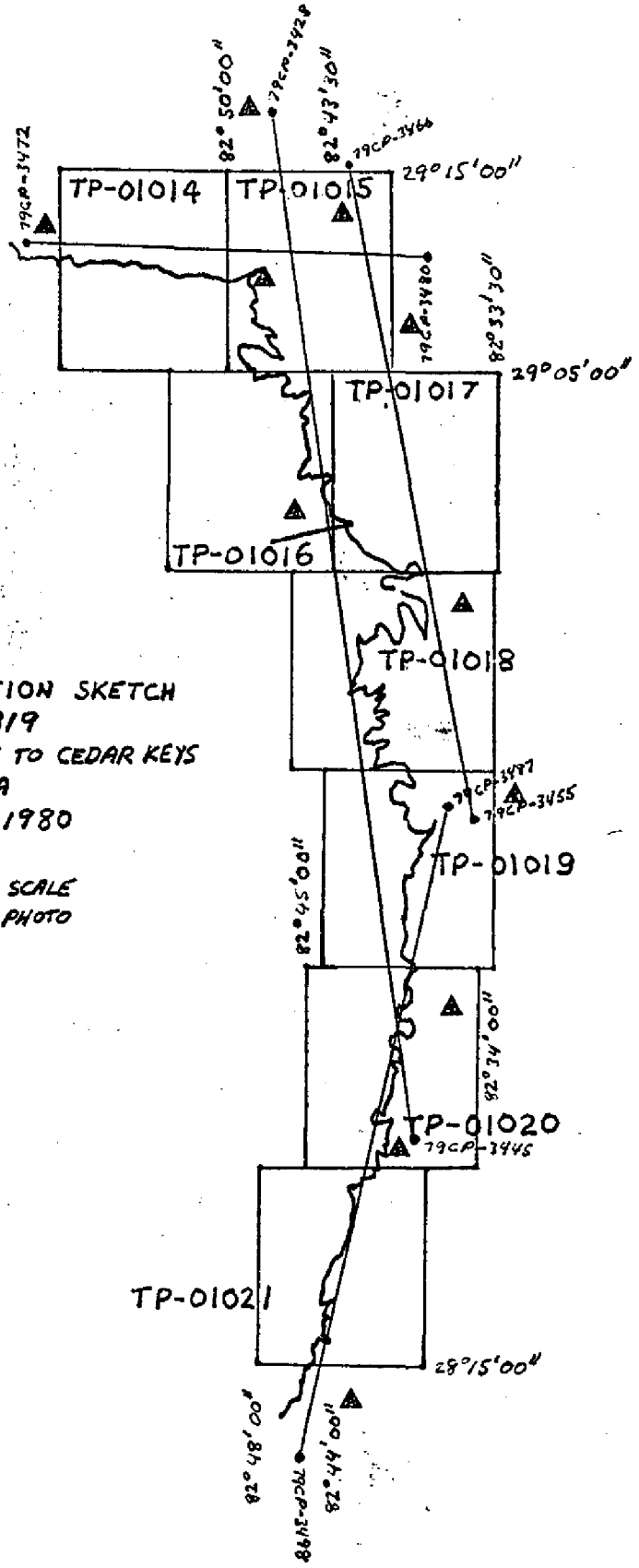
Pt.	X-ERROR	Y-ERROR
455101	-.134	-.069
459101	.302	.200
479101	-.235	-.365
477101	.064	.242

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

TP - 01019
Compilation Report
27 March 1980

31. Delineation

All alongshore cultural features and interior planimetry on this map were delineated by graphic compilation using ratio field inspection panchrhromatic photography, and rectified black and white prints of 1:60,000 scale infrared photography. This photography was controlled by map points determined by aerotriangulation. The MHW line was compiled from 1:60,000 scale infrared photogaphy. No GCLW photgraphy was available for this map.

32. Horizontal Control

Horizontal control was adequate. (See Photogrammetric Plat Report.)

33. Supplemental Data

Two tide stations were plotted from sketches furnished by Tidal Datum Branch.

34. Contour and Drainage

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

35. Shoreline and Alongshore Detail:

Field inspected ratio photographic and office interpretation of the rectified black and white infrared photography was adequate for delineating the shoreline and alongshore features.

36. Offshore Details

Black Rock, an island at 28^{o} 40' 23" - 82^{o} 42' 37" is shown on chart 11409 but could not be identified on the photography used to compile this map.

37. Landmarks and Aids

There are no landmarks or aids located on this map.

38. Control for Future Surveys - NONE

39. Junctions

Refer to NOAA from 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 Quadrangle Maps:

CHASSAHOWITZKA BAY, Florida	1954	1:24,000 scale
CHASSAHOWITZKA BAY, Florida	1954	1:24,000 scale
BAY PORT, Florida	1954	1:24,000 scale
WEEKIWACHEE SPRINGS Florida	1954	1:24,000 scale

47. Comparison with Nautical Charts

Comparison was made with nautical chart 11409 16th Edition, June 16, 1979

Submitted by,

James Schad

James Schad

Approved and Forwarded:

for F. Wright
Chief, Coastal Mapping Section

FIELD EDIT REPORT

TP-01019

CM-7819

51. Methods

The shoreline and alongshore features of this sheet were inspected close inshore from a skiff. All corrections and additions were made in violet on the stable base copy of the manuscript.

Field edit information will be found on the stable base and on photo 79 CR 0084.

52. Adequacy of Compilation

Compilation will be adequate and complete after application of field edit. Tick marks found on photo 79 CR 0084 were made in the field and indicate islets that were omitted on the manuscript. These omitted islets have been traced onto the stable base copy; their dimensions at MHW agree with their respective photo images. All islets have an apparent shoreline.

53. Map Accuracy

Accuracy test not required.

54. Recommendations

More stress should be placed on photo quality in the lab; especially for areas similar to this sheet. Much time has been wasted discriminating the marsh islets from the erroneous images on the supplied photography.

55. Examination of Proof Copy

Seven Cabbage Island is mis-labeled on the manuscript, the island is properly indicated on chart 11409, this was verified by Mr. Ed Collinsworth, Chassahowitzka National Wildlife Refuge Manager.

56. "Black Rock"

Black Rock was investigated by this unit on 17 June 1980 and was found to be baring 0.6 ft. at 1252 EDT.

56. cont.

Dimensions of the bare portion of the rock are 2 ft. x 1 ft.; the entire rock is approx. 15 ft. x 4 ft.. It is felt that the charting symbol (islet) used on chart 11409 is mis-leading and should be changed to depict a rock.

Sextant angles were taken to verify that the rock described was indeed Black Rock, angles are tabulated below. The rock is marked by an iron pipe (2" dia.) projecting from it's highest point.

57. Light "CW"

In the course of searching for Black Rock it became apparent that either the charted position (PA) of light CW was incorrect or that the charted position of Black Rock was incorrect. In order to resolve the discrepancy both the light and rock were occupied and sextant angles observed. Plotting both sets of angles on chart 11409 (16th Ed., June 16 1979) verified the charted position of Black Rock, but placed CW approx. 1.8 miles WSW of it's charted position. Because of the magnitude of this displacement it is recommended that Compilation section attempt to determine a more accurate position for forwarding to Chart Information Branch. The light is listed (Light List) as 16 ft. tall, and is atop a square, guano covered platform (approx. 20 X 20 ft.); approx. postion determined from plotting the observed angles is 28° 39.41' N, 82° 44.28' W.

If compilation is unable to determine a position photogrammetrically it is recommended that the sextant fix be computed and used if acceptable (computation of an accurate inverse distance by this unit is not possible).

Observed Sextant Angles

Black Rock

128° 07.6'	L	Light CW, Chassahowitzka Bay
43° 36.0'	L	Light 4, Homosassa Bay
	C	West stack, Florida Power and Light, Crystal River
11° 26.2'	R	Ozello Water Tank
36° 45.8'	R ✓	Homosassa Water Tank, not charted but on TP-01018

Light CW

43° 28.7'	L	Light 2, Homosassa Bay Enterance Light
	C	Light 4, " "
25° 26.8'	R	West stack, F.P. & L.
38° 26.8'	R ✓	Ozello Water Tank
60° 25.6'	R ✓✓	Homosassa Water Tank

-2' index correction not applied to above angles

Submitted, 27 June 1980

David H. Minkel

LTJG David H. Minkel
Chief, Photo Party 65

REVIEW REPORT
TP-01019
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

6/10/80

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-01019

Baird Creek
Bird Island
Black Rock
Blind Creek
Blue Bay
Buckhorn Key
Camp Creek
Chassahowitzka
Chassahowitzka National Wildlife Refuge
Chassahowitzka Point
Chassahowitzka River
Chassahowitzka Swamp
Chub Creek
Colvalia Key
Crawford Creek
Crawl Key
Drum Key
Fish Creek
Garden Island
Gator Creek
Gulf of Mexico
Haulover Creek
Higgenbotham Creek
Homosassa Bay
Johns Island
Johnson Creek
Lemon Grove Island
Little Gator Creek
Lone Cabbage Creek
Long Island
Long Point
May Creek
Mud Creek
Net Spread Key
North Blind Creek
Northwest Keys
Oyster Creek
Pompano Key
Porpoise Bay
Potter Creek
Pumpkin Creek
Raccoon Point
Rose Creek
Ryle Creek
Saddle Key
Salt Creek
Seven Cabbage Cutoff
Seven Cabbage Island
Sheephead Key
Slate Island
Stapleton Creek
Stevenson Creek
Sugar Spot
Suncoast Keys
South Blind Creek
South Point
Twin Creek
Wall Creek

Approved by:

Charles E. Harrington

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.
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			Drawing No.

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

USCOMM-DC 8808-P61