

TP-00481

TP-00481

NOAA FORM 76-35

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

## DESCRIPTIVE REPORT

Type of Survey ..... Coastal Boundary .....  
Job No. ...PH-7201..... Map No. ...TP-00481...  
Classification No. Final Edition No. ....1.....

### LOCALITY

State ..... Florida .....  
General Locality ..... Monroe County .....  
Locality ..... Mud Keys .....  
.....

19 74 TO 19 77

### REGISTRY IN ARCHIVES

DATE .....

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE  Rockville, Md.		SURVEY TP. 00481  MAP EDITION NO. (1)  MAP CLASS Final  JOB PH. 7201	
OFFICER-IN-CHARGE  Cdr. W. Simmons		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED  JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
<b>I. INSTRUCTIONS DATED</b>			
1. OFFICE		2. FIELD	
General Instructions-OFFICE-NOS-Cooperative Coastal Boundary Mapping, Job PH-7000 December 9, 1975 Supplement I, November 4, 1974 Supplement III, October 24, 1974		Field Instruction = 1/4/74 Field Instruction (Amendment) 11/13/74 Field Edit (PH-7000) General Instructions for Florida Coastal Zone Mapping) 1973	
<b>II. DATUMS</b>			
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  Transverse Mercator		4. GRID(S) STATE Florida ZONE East Zone	
5. SCALE  1:10,000		STATE ZONE	
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: LANDMARKS AND AIDS BY		R. Kelly	Oct 75
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: CHECKED BY		J. Taylor	Jul 76
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY		Inapplicable	
INSTRUMENT: CONTOURS BY SCALE: CHECKED BY		Inapplicable	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY		J. McClure Sept 76 J. P. Battley, Jr. June 77	
METHOD: Graphic-rectified photos CONTOURS BY CHECKED BY		Inapplicable	
SCALE: HYDRO SUPPORT DATA BY CHECKED BY		Inapplicable	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		J. P. Battley, Jr. June 77	
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		A. Bethea July 77 P. J. Dempsey July 77	
7. COMPILATION SECTION REVIEW BY		P. J. Dempsey Aug 77	
8. FINAL REVIEW BY		D. Brant Aug 77	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		D. Brant April 80	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		D. Brant	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		APR 16 1981	

NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

TP-00481

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10 "C"-3.5" Focal Length		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (IR) INFRARED B&W		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				ZONE Eastern	<input checked="" type="checkbox"/> STANDARD
				MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
74-C(C) 8226, 28, 30	14 Mar. 74		1:30,000	The stage of tide is inapplicable for the color photography.	
74-C(C) 8314, 16, 18	14 Mar. 74		1:30,000		
74-C(C) 8550, 52	14 Mar. 74		1:30,000		
74-C(R) 2217, 18, 19	10 Nov. 74	1229	1:30,000	Refer to 76-36B(1) for tide information.	
74-C(R) 2513, 14, 15	15 Nov. 74	1304	1:30,000		
74-C(R) 2774, 75	22 Nov. 74	1144	1:30,000		
74-C(R) 2828, 29, 30	22 Nov. 74	1255	1:30,000		
74-C(R) 2848, 49, 50	22 Nov. 74	1356	1:30,000		

REMARKS

## 2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the tide-coordinated, black-and-white infrared photography listed in Item 1. The rectified color photography was used as an aid for interpreting cultural features and compiling the limits of vegetation and shoal and shallow areas.

Where the MHWL is obscured by vegetation the apparent shoreline symbol was used.

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

The source of the MLW line is the tide-coordinated, black-and-white infrared photography listed under Item 1.

## 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
No con-temporary survey	TP-00477-TP-00482	TP-00486	TP-00480

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 SURVEY

## TIDE - COORDINATED PHOTOGRAPHY

TP - 00481

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
74-C(R) 2217, 2218	Boca Chica Long Pt.	+0.16' MHW	1.27'
74-C(R) 2219	Inner Narrows	-0.04' MHW	1.61'
74-C(R) 2513, 2514, 2515	Mud Key	+0.15' MHW	1.90'
74-C(R) 2774	Sigsbee Park	-0.03' MLW	1.03'
74-C(R) 2775	Mud Key	+0.15' MLW	1.90'
74-C(R) 2828, 2829, 2830	Mud Key	+0.06' MLW	1.90'
74-C(R) 2848	Sigsbee Park	+0.22' MLW	1.03'
74-C(R) 2849, 2850	Interpolated from Sigsbee Park Johnston Key	+0.10' MLW	1.03' 1.58'

REMARKS:

## HISTORY OF FIELD OPERATIONS

TP-00481

I. ☒ FIELD INSPECTION OPERATION \* May 1974 ☒ FIELD EDIT OPERATION June 1977

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.R. Wagner	
2. HORIZONTAL CONTROL	RECOVERED BY J.D. Di Mare ESTABLISHED BY Inapplicable PRE-MARKED OR IDENTIFIED BY Inapplicable	6/77
3. VERTICAL CONTROL	RECOVERED BY J.D. Di Mare ESTABLISHED BY Inapplicable PRE-MARKED OR IDENTIFIED BY Inapplicable	6/77
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None LOCATED (Field Methods) BY P.B. Walbolt IDENTIFIED BY	6/77
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY R.R. Wagner	6/77
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
	Refer to Field Report		

3. PHOTO NUMBERS (Clarification of details)

74 C 8230, 74 C 8552; 74 CR 2775, 2828, 2830, 2848, 2849

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

There are no landmarks or nonfloating aids for charts on this map.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. 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)

Refer to Field Report bound with this Descriptive Report.  
3 pages of cuts to aids.

NOAA FORM 76-36D  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

## RECORD OF SURVEY USE

TP-00481

## I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Office-Class III	9/13/76	Special request from Requirements Branch	11/8/76	

## II. LANDMARKS AND AIDS TO NAVIGATION

## 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
		7/15/77	One (1) Form 76-40 submitted as final report.

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 7/15/77
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	

82°

50'

40'

30'

20'

5

OFFICIAL MILEAGE FOR COST ACCOUNTS

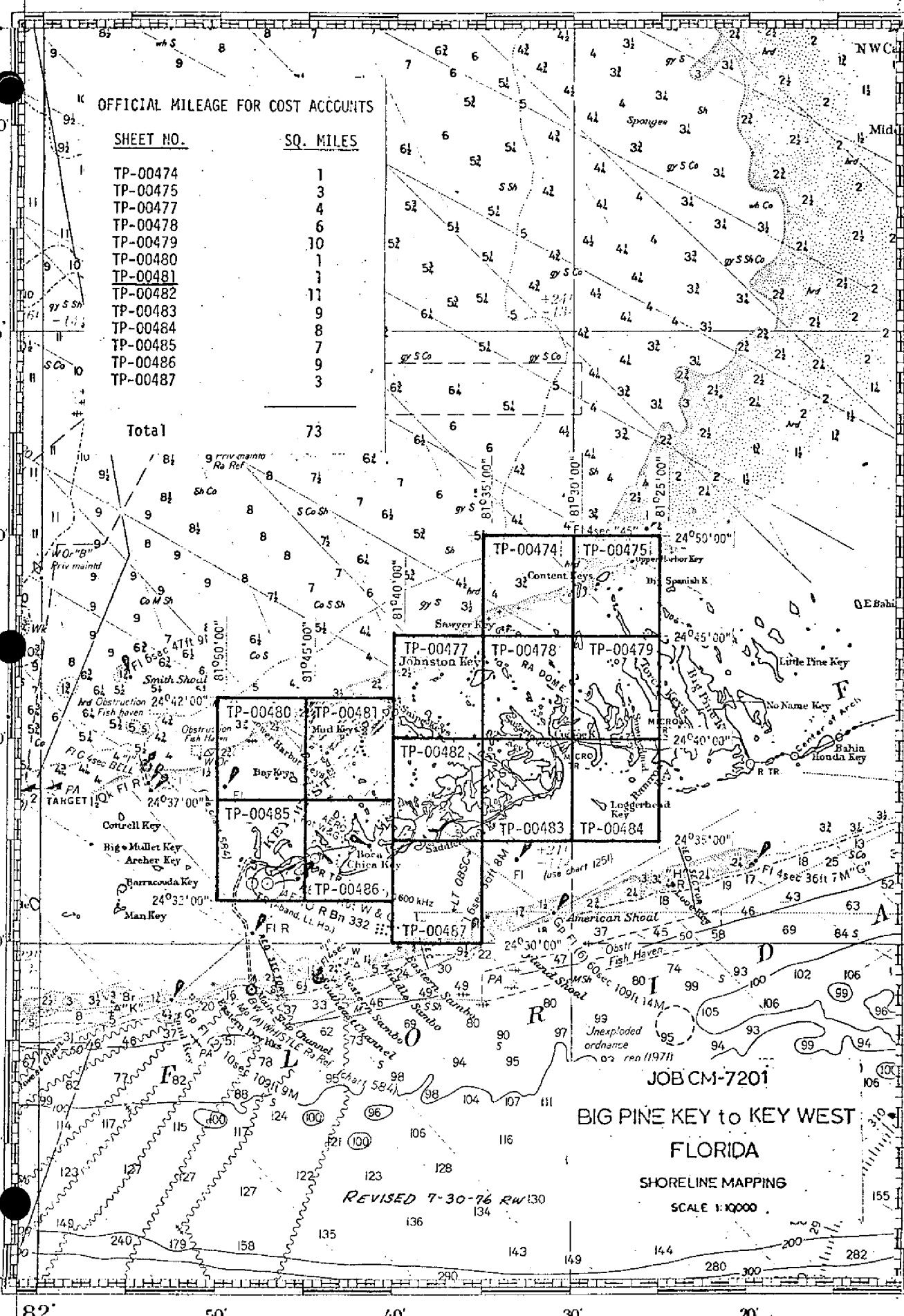
SHEET NO.

SQ. MILES

TP-00474	1
TP-00475	3
TP-00477	4
TP-00478	6
TP-00479	10
TP-00480	1
TP-00481	1
TP-00482	11
TP-00483	9
TP-00484	8
TP-00485	7
TP-00486	9
TP-00487	3

Total

73



(JOINS CHART 1112)

JOB CM-7201

BIG PINE KEY to KEY WEST  
FLORIDA

SHORELINE MAPPING

SCALE 1:10000

REVISED 7-30-76 RW 130

Summary  
for  
TP-00474 and TP-00475  
TP-00477 thru TP-00487

Coastal Zone Map TP-00481 is one of thirteen (13) 1:10,000 scale maps in project CM-7201. All maps in this project are shoreline type except TP-00485 which is a published map. The interior of the published map is shown with an orthophotomosaic printed in three colors. The interior of the shoreline type maps is limited to a narrow zone of planimetry back from the shoreline.

The layout for Job PH-7201 (revised since the aerotriangulation operation) will show the location of the individual maps. A copy of the layout is included in this Descriptive Report.

These maps are intended for planning purposes for the state of Florida and for the construction and maintenance of NOS nautical charts.

The area (Job PH-7201) is covered by photography taken in 1974 on color and infrared film. The black-and-white infrared film was tide-coordinated at MHW, MLW or MWL datums.

The field operations consisted of the following:

1. Premarking of horizontal control and photographing the area.
2. Establishing tidal datums
3. Field Edit

Horizontal control was extended by analytical aerotriangulation method using the stereocomparator.

The interior details shown on the shoreline type maps were stereoscopically compiled from the rectified prints of the color or B&W infrared photography.

The tidal datum lines (MHW, MLW or MWL) and offshore details were compiled from tide-coordinated, black-and-white infrared photography by graphic methods. This photography was controlled by points determined by aerotriangulation and map detail compiled from the rectified photography. The rectified color or B&W infrared photography was also used as an aid to interpret cultural and apparent shoreline. All line work is scribed, approved symbols are shown in the marginal data of this map.



A registration copy of each type map is prepared. It shows additional offshore details such as shoal and shallow lines, useful to the Marine Chart Division, But not required on the Coastal Zone Maps. This copy of the map is labeled "Registration Copy" in the title block and will be registered in the NOS Archives.

The following items for the shoreline type maps will be registered in the NOS Archives:

1. A stable base copy of the Registration Copy.
2. The Descriptive Report.
3. One (1) negative with Reproduction Division and one (1) with the Photo Map and Imagery Information Section.

The following items for the published map will be registered in the NOS Archives:

1. A plastic copy of the published map.
2. A stable base positive copy of the Registration Copy.
3. A continuous tone negative of the orthophotomosaic.
4. The Descriptive Report.

All negatives are filed in the Reproduction Division.

All field records such as field edit sheets, discrepancy prints, field edit data, and control forms are filed in the National Archives.



Original 7

**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
**NATIONAL OCEAN SURVEY**

Date: 3 May 1974

From: Chief, Photo Party 65

Subj: Field Operations Report - Job CM-7201 - Coastal Boundary Mapping,  
Big Pine Key to Key West, Fla.

To : Chief, Coastal Surveys Section

All field support for Job CM-7201 was performed in accordance with instructions dated 4 Jan 1974. Sections of the project instructions applicable to field support furnished by Photo Parties 60 and 65 are discussed below:

Section 5 - Horizontal Control

.01 All control stations shown on the job diagram were recovered except for PIGEON KEY 2. Station MOSER 1935 was used in place of PIGEON KEY 2. Recovery notes for all stations are enclosed.

.03 No new control stations were necessary and none were established.

Section 6 - Premarking of Control

Paragraphs .01 thru .05 were complied with except as noted below:

The station KEY WEST NAVAL MONUMENT was not paneled because it is photoidentifiable without the panel.

Section 7 - Control Station Identification Card

Paragraphs .01 thru .04 were complied with fully. Control station identification cards are enclosed.

Sections 8, 9, 10, and 11 - Tide Stations, Tolerance, Dates of Favorable Tides, and Tide Observations and Records

Since the tide coordinated photography was cancelled due to insufficient tidal data, these sections were not applicable.

Section 13 - Foreshore Profiles

This section also not applicable due to cancellation of tide coordinated photography.

Section 14 - Time

No staff observations were taken because no tide coordinated photography was flown.

Section 15 - Communications

This section was complied with fully.

Section 17 - Report

This report and all field records are being forwarded.

*Max M. Ethridge*  
Lt. Max M. Ethridge, NOAA  
Chief, Photo Party 65

PHOTOGRAMMETRIC PLOT REPORT  
Boot Key to Key West, Florida  
Job PH-7201  
October 1975

21. Area Covered

This report covers twenty-five 1:10,000 sheets, TP-00474 thru TP-00489, TP-00460 thru TP-00462, TP-00466, TP-00467, TP-00468, TP-00472, and TP-00473, from Boot Key to Key West, Florida.

22. Method

Three strips of 1:60,000 photography were bridged by analytic aerotriangulation methods and adjusted to ground on the Florida State Plane Coordinate System, East Zone. The three strips were also adjusted as a block. The attached four sketches shows the placement of horizontal control, closures to control used in the block adjustment, mean high and mean low water photography, and photography to be used for compilation. Bridge points were drilled on the 1:30,000 scale color photography and measured on 1:60,000 color bridging photography to control the setting of models on the B-8 for compilation. Bridge points were also pricked on the infrared photography and measured on the 1:60,000 color bridging photography for ratioing photographs to be used in the compilation of the mean high and mean low water line.

23. Adequacy of Control

The horizontal control provided was adequate except for DUCK 2, 1937 Substitute Station and DUCK 2, 1937 ARRAY (panel). These two stations held the same in the block adjustments as they did in the strip adjustment with 15 feet error in the Y direction. There was no apparent reason for the error. All other control held within the accuracy required by National Standards of Maps. Accuracy at 1:10,000.

24. Supplemental Data

Local shoreline was used to provide elevations for vertical adjustments of the bridges.

25. Photography

RC-8 color film positives were adequate as to coverage, overlap, and definition.

Submitted by,

*Robert B. Kelly*

Robert B. Kelly

Approved and Forwarded:

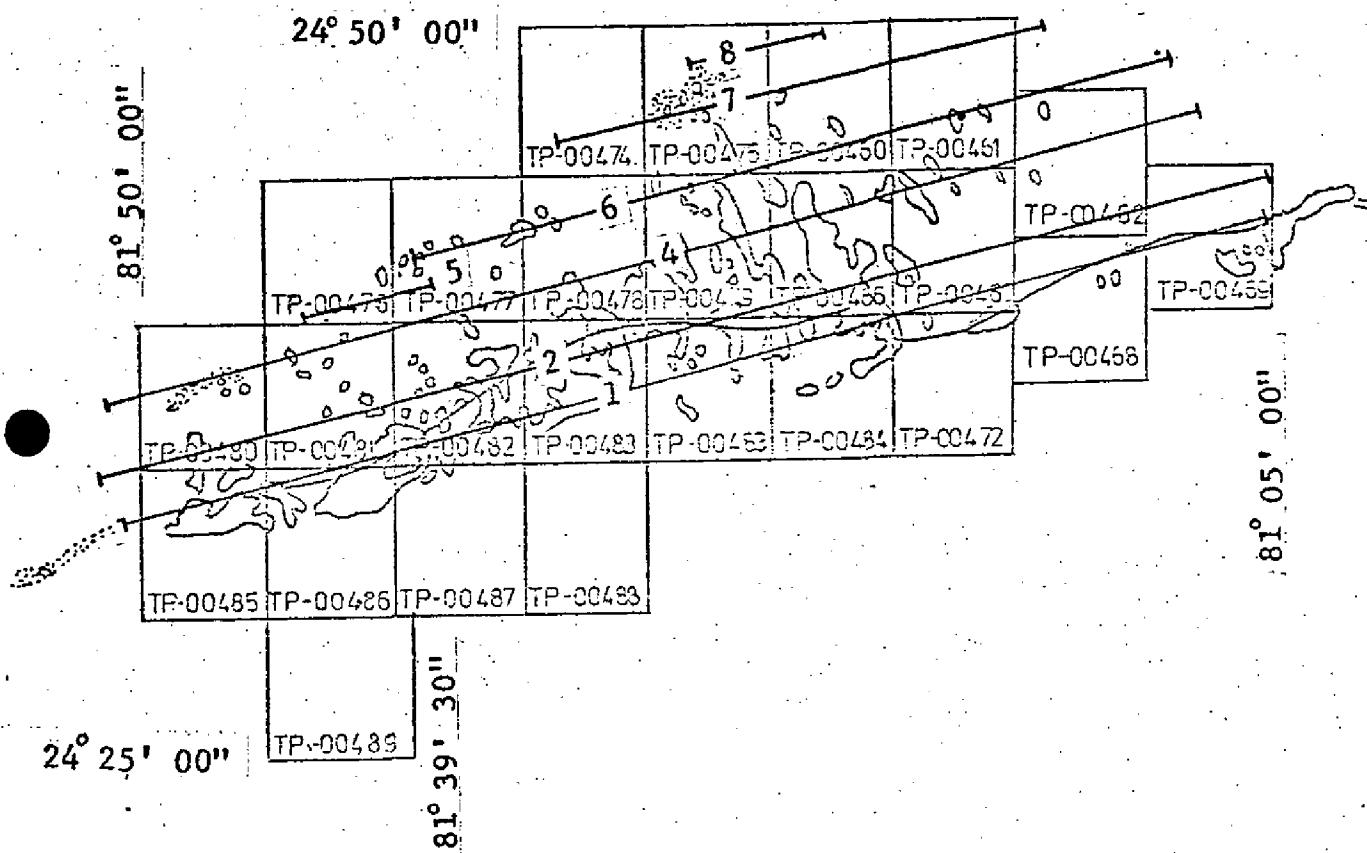
*John D. Perrow Jr.*

John D. Perrow, Jr.  
Chief, Aerotriangulation Section

## CLOSURES TO CONTROL (BLOCK ADJUSTMENT)

1	Key West Naval Monument	( 3.314, -1.519)
2	Key West Naval Station Tank, 1956	( 0.003, 0.000)
3	Key West Lighthouse, 1849	(-2.592, -0.574)
4	Bay Key, 1934 Sub. Sta. 1	( 1.309, -0.804)
5	Channel Key 2, 1934	(-1.066, 0.413)
6	Mud Key 2, 1934	(-1.631, -0.194)
7	Pek, 1934	(-0.056, 0.039)
8	Bunch, 1934	(-1.207, 1.886)
9	Cud, 1934	(-0.125, -0.134)
10	Content 2, 1935	( 0.046, 0.286)
11	Pinkey, 1935	( 0.180, 0.617)
12	Newfound, 1920	( 0.020, -0.384)
13	Span, 1935	( 0.046, -0.016)
14	Trade, 1935 Sub. Sta. 1	(-0.043, -0.001)
15	Moser, 1935 Sub. Sta. 1	(-0.210, 0.256)
16	Knight 2, 1936	(-0.499, -0.718)

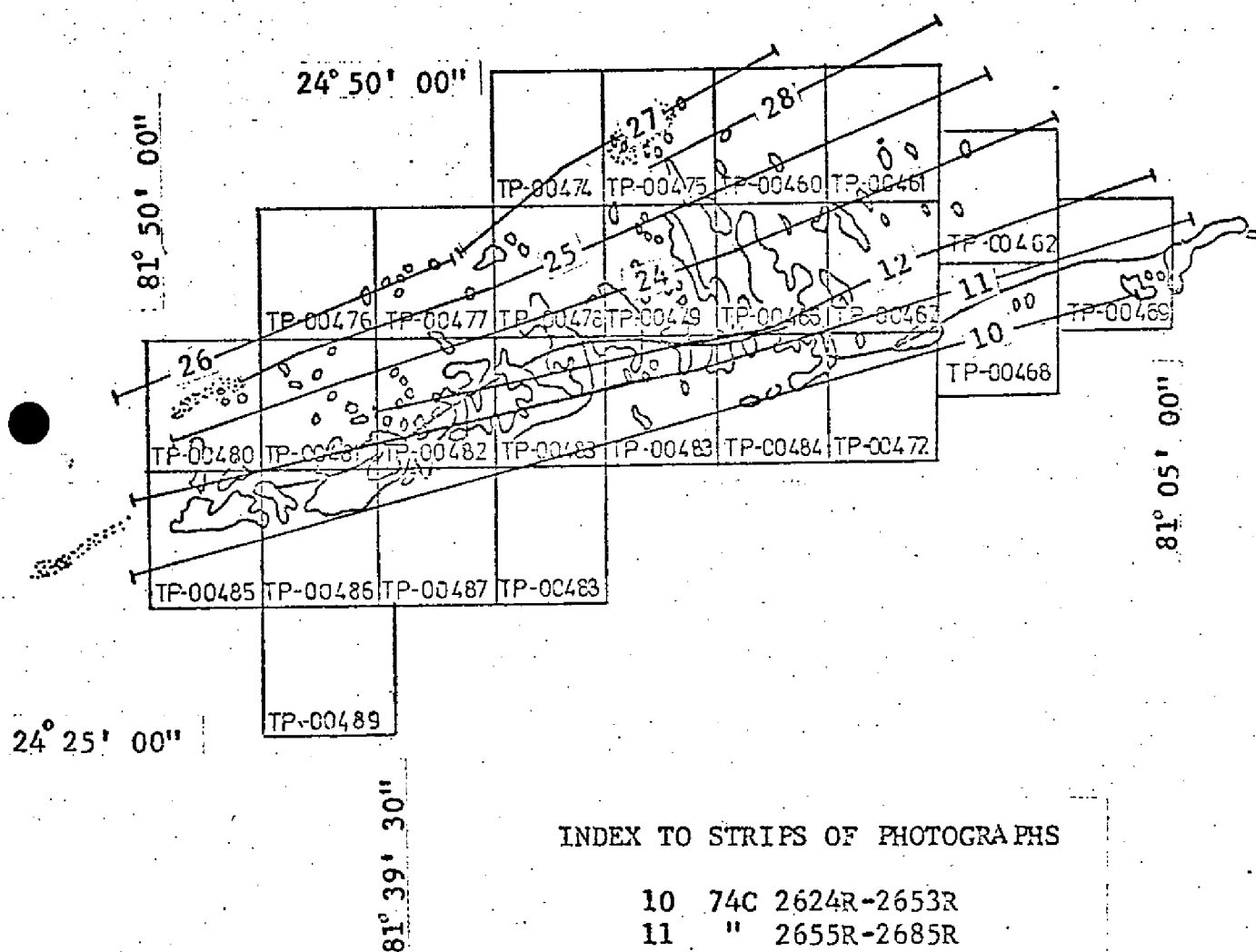
JOB CM-7201  
 BOOT KEY TO KEY WEST  
 FLORIDA  
 SHORELINE MAPPING  
 COMPILATION PHOTOGRAPHY



INDEX TO STRIPS OF PHOTOGRAPHS

1	74C(c)	8362-8418
2	"	8419-8475
4	"	8274-8328
5	"	8228-8232
6	"	7408-7446
7	"	7518-7544
8	"	7484-7491

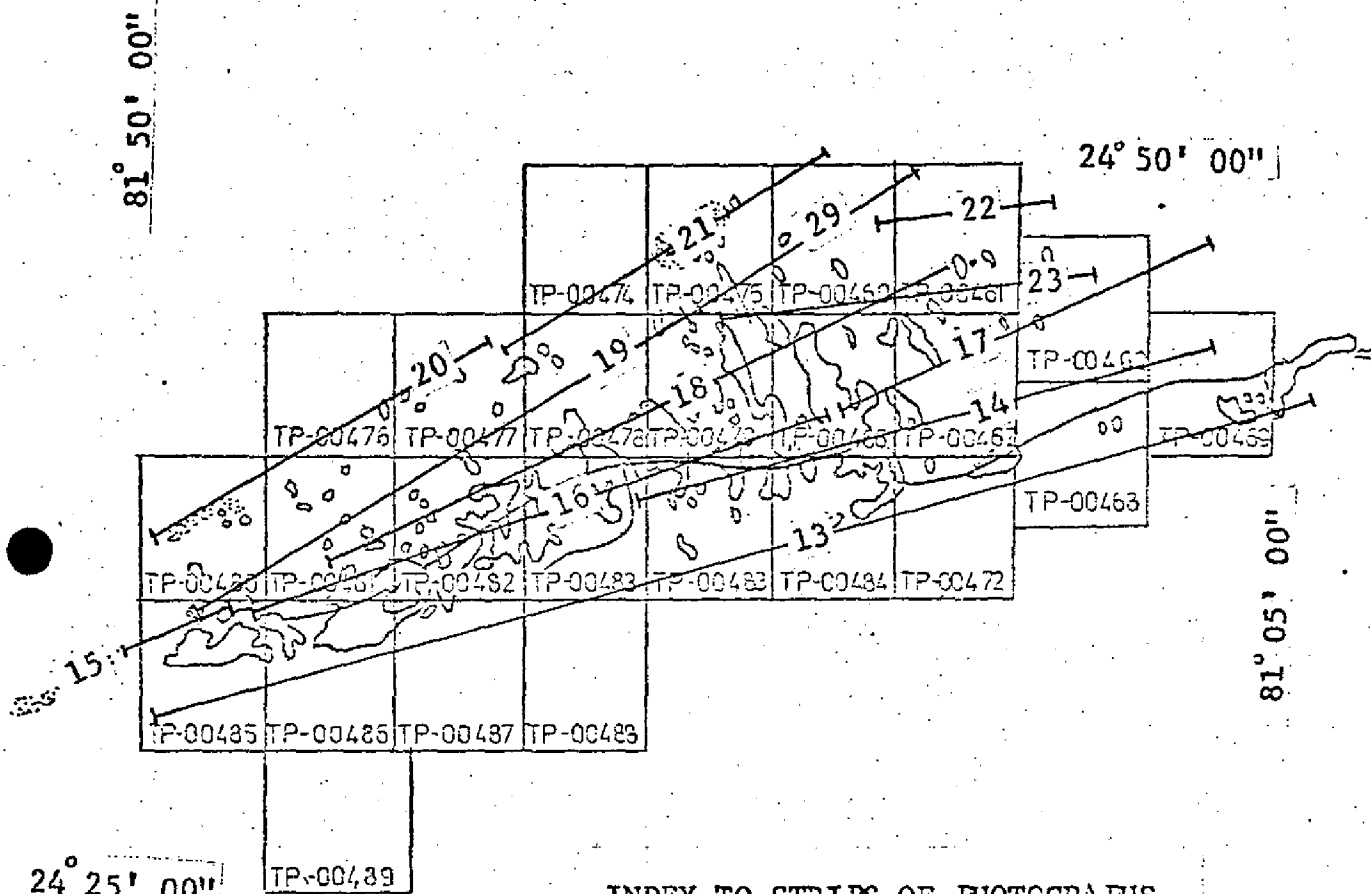
JOB CM-7201  
 BOOT KEY TO KEY WEST  
 FLORIDA  
 SHORELINE MAPPING  
 MEAN LOW WATER PHOTOGRAPHY



INDEX TO STRIPS OF PHOTOGRAPHS

10	74C	2624R-2653R
11	"	2655R-2685R
12	"	2744R-2767R
24	"	2769R-2795R
25	"	2846R-2868R
26	"	2823R-2833R
27	"	2566R-2576R
28	"	2524R-2532R

JOB CM-7201  
 BOOT KEY TO KEY WEST  
 FLORIDA  
 SHORELINE MAPPING  
 MEAN HIGH WATER PHOTOGRAPHY



INDEX TO STRIPS OF PHOTOGRAPHS

13	74C	2329R-2358R
14	"	2187R-2202R
15	"	2387R-2390R
16	"	2450R-2465R
17	"	2475R-2485R
18	"	2290R-2207R
19	"	2214R-2228R
20	"	2510R-2519R
21	"	2550R-2559R
22	"	2246R-2250R
23	"	2313R-2322R
29	"	2259R-2265R



## FLORIDA- NOAA Coastal Boundary Mapping Program

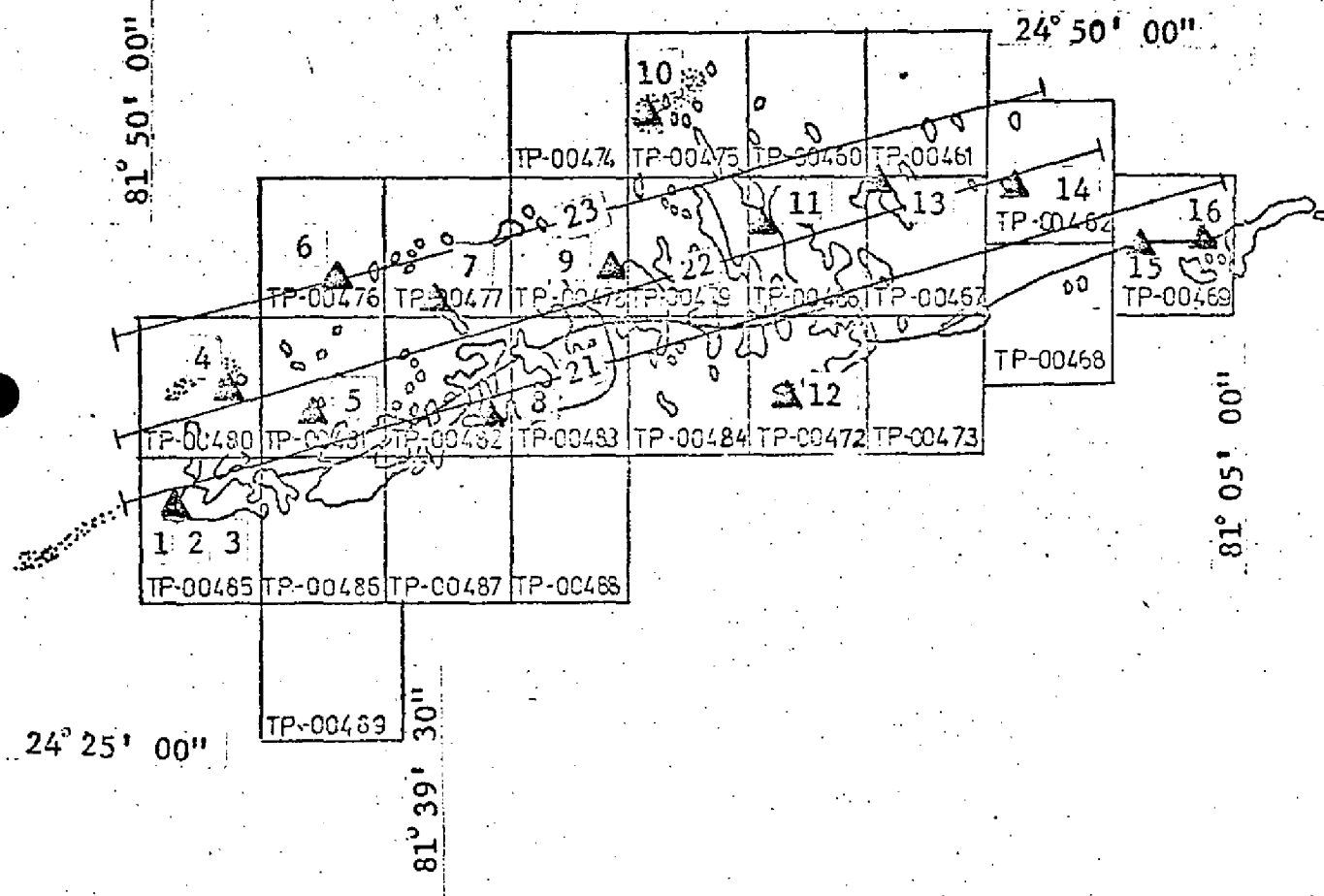
Horizontal Control

Map TP- 00481

Station	NOS Geodetic Data Reference for Description, Positions, Coordinates and Azimuths
X HAWK, 1934 ✓	Book 426, P. 14, 36; GP 430 Fla. Vol. 1; PC 110 Fla. E Zone
X MUD KEY 2, <del>1934</del> 1934 ✓	Book 426, P. 10, 11, 39, 47; GP 328 Fla. Vol. 1; PC 81 Fla. E Zone
X NEST, 1935 ✓	Book 426, P. 14, 39; GP 418 Fla. Vol. 1; PC 106 Fla. E Zone
Plot X NORTH SNIPE, 1934 ✓ Map	Book 426, P. 10, 46; GP 435 Fla. Vol. 1; PC 113 Fla. E Zone
X SNAKE, 1934 ✓	Book 426, P. 14, 43; GP 435 Fla. Vol. 1; PC 112 Fla. E Zone
X SOUHAR, 1934 ✓	Book 426, P. 15; GP 430 Fla. Vol. 1; PC 110 Fla. E Zone
X SOUMUD, 1934 ✓	Book 426, P. 15, 32, 43; GP 429 Fla. Vol. 1; PC 110 Fla. E Zone

JFV 6-23-77

JOB CM-7201  
 BOOT KEY TO KEY WEST  
 FLORIDA  
 SHORELINE MAPPING  
 BRIDGING PHOTOGRAPHY



INDEX TO STRIPS OF PHOTOGRAPHS

21	74C(c)	8113-8141	Renumbered	101-114
22	"	8082-8108	"	201-214
23	"	8147-8171	"	301-313

COMPILATION REPORT  
TP-00481

September 1976

31. Delineation

All features were delineated by graphic compilation.

The rectified prints of the color photography were controlled by map points determined by aerotriangulation and were used for compiling shoal and shallow areas, interior features, and cultural shoreline. Color contact prints were used as a guide for clarifying map detail.

The tidal datum lines were compiled from office interpretation of the ratioed tide-coordinated, black-and-white infrared photography which was controlled by common detail compiled from the rectified prints of the color photography.

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

32. Horizontal Control

Horizontal control was adequate (see Photographic Plot Report).

33. Supplemental Data - None

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from office interpretation of the ratioed tide-coordinated, black-and-white infrared photography.

35. Shoreline and Alongshore Detail

Office interpretation of the tide-coordinated, black-and-white infrared photography was adequate for delineating the shoreline and alongshore detail.

36. Offshore Details

No unusual problems were encountered.

37. Landmarks and Aids

Refer to Form 76-40. All aids and/or landmarks are to be located by field edit.

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 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 minute topographic quadrangles:

Snipe Keys, Florida, -972  
Boca Chica Key, Florida, 1971

No significant differences were noted.

47. Comparison with Nautical Charts

Comparison was made with the following nautical charts:

11441 - 1:30,000 - July 5, 1975  
11445 - 1:40,000 - June 28, 1975  
11442 - 1:80,000 - May 31, 1975  
11434 - 1:80,000 - June 26, 1976

Items to be Applied to Nautical Charts Immediately - None

Items to be Carried Forward - None

Submitted by:

John McClure

*John McClure*

Approved and Forwarded:

*Jeter P. Battley Jr.*

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

August 18, 1977

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

PH-7201 (Florida Keys)

TP-00481

Cayo Agua

Coon Key

Duck Key

Duck Key Point

East Harbor Key Channel

East Harbor Keys

Fish Hawk Key

Grassy Keys

Great White Heron National Wildlife Refuge

Gulf of Mexico

Harper Key

Jewfish Basin

Jewfish Channel

Lower Harbor Keys

Middle Keys

Mud Key Channel

Mud Keys

Old Dan Mangrove

Snipe Keys

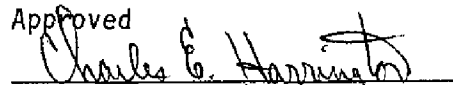
Snipe Point

Waltz Key Basin

West Harbor Key

West Harbor Key Channel

Approved

  
Charles E. HarringtonStaff Geographer - ~~651x2~~  
C3x5

FIELD EDIT REPORT TP-00481, JOB CM-720151. METHODS

The shoreline was inspected from a small boat while cruising just off shore. Notes regarding the shoreline and along shore features will be found on the rectified photographs, discrepancy print and field edit sheet.

- / Seven triangulation stations were recovered.
- / There are no landmarks on this manuscript.
- / One vertical control station, MUD KEY 2, 1934 was recovered.
- / All known aids were located.
- / Three tide gages fall on this manuscript.

<u>Station</u>	<u>Bench Mark</u>	<u>Photograph</u>
Duck Key Point	SNAKE 1934	74C8552 /
Snipe Point, Snipe Keys	NORTH SNIPE 1934	74C8230 /
Mud Keys, Gulf of Mexico	MUD KEY 2 1934	74C8230 /

Field edit notes can be found on the rectified photographs, field edit sheet and discrepancy print.

52. ADEQUACY OF COMPILATION

Adequate after application of field edit.

53. MAP ACCURACY

No test required.

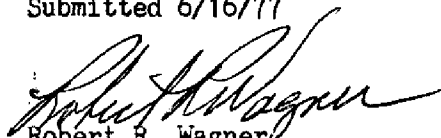
54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Not required.

Submitted 6/16/77

  
Robert R. Wagner  
Chief, Photo Party 66

6-23-77

## Review Report

TP-00481

April 1980

61. General

Coastal Zone Map TP-00481 was inspected before field edit and reviewed as a Class I map. This review consisted of an examination of the map manuscript, the field edit and its application, the reproduction negative and the Descriptive Report.

The proof copy of this map was edited by Quality Control before making final copies for distribution to the State of Florida. This edit comprised a thorough inspection of map detail to verify the accuracy of reproduction with reference to the map manuscript and the quality of reproduction. In addition the proof copy was examined by the following sections:

Coastal Mapping - Map Detail  
Staff Geographer - Geographic Names  
Coastal Surveys - Horizontal and Vertical Control

62. Cartographic Comparison

Comparison was made with the following USGS Quadrangle map 1:24,000 scale:

Snipe Keys, Fla., 1971  
Boca Chica Key, Fla., 1971

Comparison was made with the following NOS charts:

11441, scale 1:30,000, 30th Edition, dated June 30, 1979  
11445, scale 1:40,000, 18th Edition, dated Oct. 13, 1979

This comparison showed disagreement in areas of MLW. The MLWL on TP-00481 was compiled from black and white tide-coordinated infrared photography.

63. thru 65. Inapplicable66. Adequacy of Results and Future Surveys


Coastal Zone Map TP-00481 complies with the instructions for NOS Cooperative Boundary Mapping, Job PH-7000 and the National Standards of Map Accuracy.

Submitted by,



Donald M. Brant

Approved and Forwarded:

  
Chief, Photogrammetric Branch  
Chief, Photogrammetry Division





National Archives Data  
for  
TP-00481

- 1 Discrepancy print (paper copy)
- 1 Field edit sheet (stable base copy)
- 1 Form 76-36C (History of Field Operations)
- 1 Form 76-40 (Nonfloating Aids or Landmarks for Charts)
- 3 Pages of cuts to aids

Photography:

74 C 8230, 8552

74 CR 2828, 2830, 2848 and 2849