TP-00474

TP-00474

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-00474...

Classification No. Final *Edition No.* ..1.....

LOCALITY

State ..Florida

General Locality .....Monroe County

Locality ....Content Keys to Sawyer Key

19 74 TO 1977

REGISTRY IN ARCHIVES

DATE .....

☆ U.S. GOVERNMENT PRINTING OFFICE: 1974-762-901

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- 00474

MAP EDITION NO. (1)

MAP CLASS Final

JOB PH- 7201

PHOTOGRAMMETRIC OFFICE: Rockville, Md.

OFFICER-IN-CHARGE: Cdr. James Collins

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, December 9, 1975 Supplement I, November 4, 1974 Supplement III, October 24, 1974 NOTE: Office and field edit instructions (1975) incorporate applicable prior operational instructions.	Instuctions-FIELD-dated Jan. 4, 1974 Amendment I dated November 13, 1974 Field Edit (PH-7000 General Instruction for Florida Coastal Zone Mapping) 1973

II. DATUMS

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

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

3. MAP PROJECTION: Transverse Mercator

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

5. SCALE: 1:10,000 — STATE: ; ZONE:

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: analytic	BY	Robert Kelly	Oct. 75
	LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS METHOD:	PLOTTED BY	J. Taylor	Apr 76
	CHECKED BY		
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	NA	
	CHECKED BY		
INSTRUMENT:	CONTOURS BY	NA	
SCALE:	CHECKED BY		
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	J. Schad	July 8, 76
	CHECKED BY	C.F. Lewis	Feb. 28, 77
METHOD: Graphic Comp.	CONTOURS BY	NA	
	CHECKED BY	NA	
	HYDRO SUPPORT DATA BY	NA	
SCALE:	CHECKED BY	NA	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	C.F. Lewis	Mar 2, 77
6. APPLICATION OF FIELD EDIT DATA	BY	R. Rich	Mar 31, 77
	CHECKED BY	C.F. Lewis	Apr 25, 77
7. COMPILATION SECTION REVIEW	BY	C.F.Lewis - J. Schad	June 27, 77
8. FINAL REVIEW	BY	D. Brant	Sept. 77
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	D. Brant	June 78
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	N. N. McCrea	APR 16 1991

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-00474

1. COMPILATION PHOTOGRAPHY

CAMERA(S): RC-10 3.5" Focal length

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

TYPES OF PHOTOGRAPHY LEGEND
- (C) COLOR
- (P) PANCHROMATIC
- (I) INFRARED B&W

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

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
74 C(C) 7518, 20,22, 24	6 Mar 74			The stage of tide is N/A for color photography
74 C(R) 2552-2554	16 Nov 74	1410	1:30,000	Refer to 76-36B(1) for tide information.
74 C(R) 2568-2571	17 Nov 74	1031	1:30,000	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

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

Where the MHWL was obscured by vegetation such as mangrove the apparent shoreline was delineated.

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

The source of 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 Contemporary Survey	TP-00475	TP-00478	No Contemporary Survey

REMARKS

Final junction 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 -00474

LOCATION AND PHOTOGRAPHY	TIDE STATIONS *(In operation at time of photography)*	STAGE OF TIDE	MEAN RANGE
GULF OF MEXICO		Gulf Side	
74-C(R) 2568-2571	Content Key	0.00 LW	
74-C(R) 2552-2554	Content Key	-0.11 HW	

REMARKS:

NOAA FORM 76-36C
(3-72)

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

HISTORY OF FIELD OPERATIONS

TP-00474

I. [X] FIELD INSPECTION OPERATION * May 1974 [X] FIELD EDIT OPERATION March 1977

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		R.R. Wagner	
2. HORIZONTAL CONTROL	RECOVERED BY	J.D. Di Mare	3/77
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY		
3. VERTICAL CONTROL	RECOVERED BY	None	
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY	None	
	LOCATED *(Field Methods)* BY		
	IDENTIFIED BY		
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION: [ ] COMPLETE [X] SPECIFIC NAMES ONLY [ ] NO INVESTIGATION — BY	J.D. Di Mare	3/77
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	R.R. Wagner	3/77
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED
None

2. VERTICAL CONTROL IDENTIFIED
None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
	Refer to the Field Report		

3. PHOTO NUMBERS *(Clarification of details)*
74C7520; 74CR2569, 2570, 2588 and 2568

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED
There are no nonfloating aids or landmarks for charts on this map.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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

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

7. SUPPLEMENTAL MAPS AND PLANS
None

8. OTHER FIELD RECORDS *(Sketch books, etc.* **DO NOT** *list data submitted to the Geodesy Division)*
* The field report is bound with this Descriptive Report

☆U. S. GOVERNMENT PRINTING OFFICE: 1973--768074/1057 REGION NO. 6

NOAA FORM 76-36D
(3-72)

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

RECORD OF SURVEY USE

TP-00474

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Office-Class III	7/8/76	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
			There are no nonfloating aids or
			landmarks on this map.

2. ☑ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: None
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:

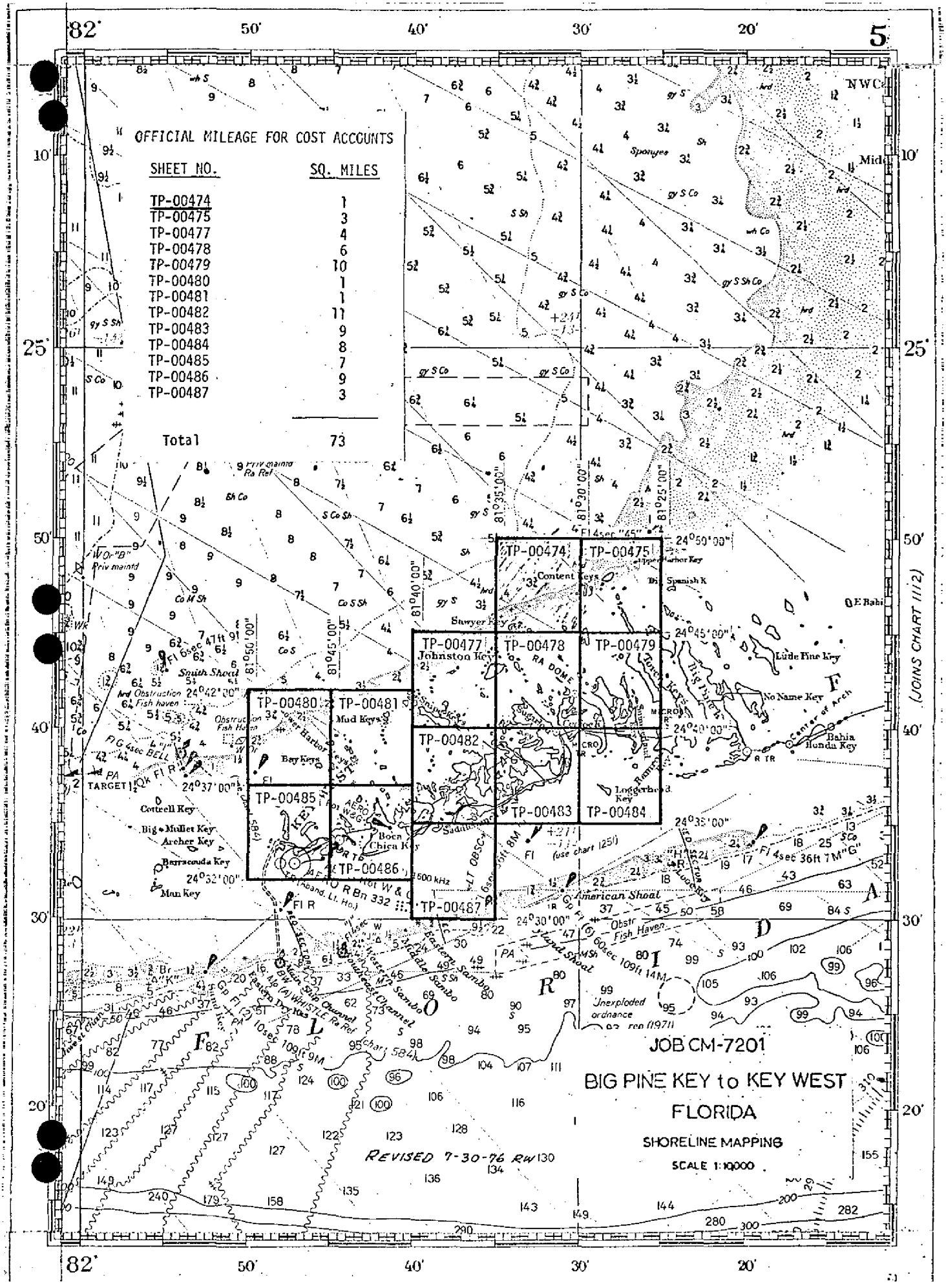
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
SECOND EDITION	TP - _____ (2)	PH - _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐II. ☐III. ☐IV. ☐V. ☐FINAL
THIRD EDITION	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
	TP - _____ (3)	PH- _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐II. ☐III. ☐IV. ☐V. ☐FINAL
FOURTH EDITION	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
	TP - _____ (4)	PH - _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐II. ☐III. ☐IV. ☐V. ☐FINAL

NOAA FORM 76-36D

☆U. S. GOVERNMENT PRINTING OFFICE: 1973--778075/1077 REGION NO. 6


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
JOB CM-7201
BIG PINE KEY to KEY WEST
FLORIDA
SHORELINE MAPPING
SCALE 1:10000
REVISED 7-30-76 RW
(JOINS CHART 1112)

Summary

for

TP-00474 and TP-00475

TP-00477 thru TP-00487

Coastal Zone Map TP- 00474is 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 photogrphy.

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 photograpy 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.

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

Approved and Forwarded:

John D. Perrow Jr.

John D. Perrow, Jr.
Chief, Aerotriangulation Section

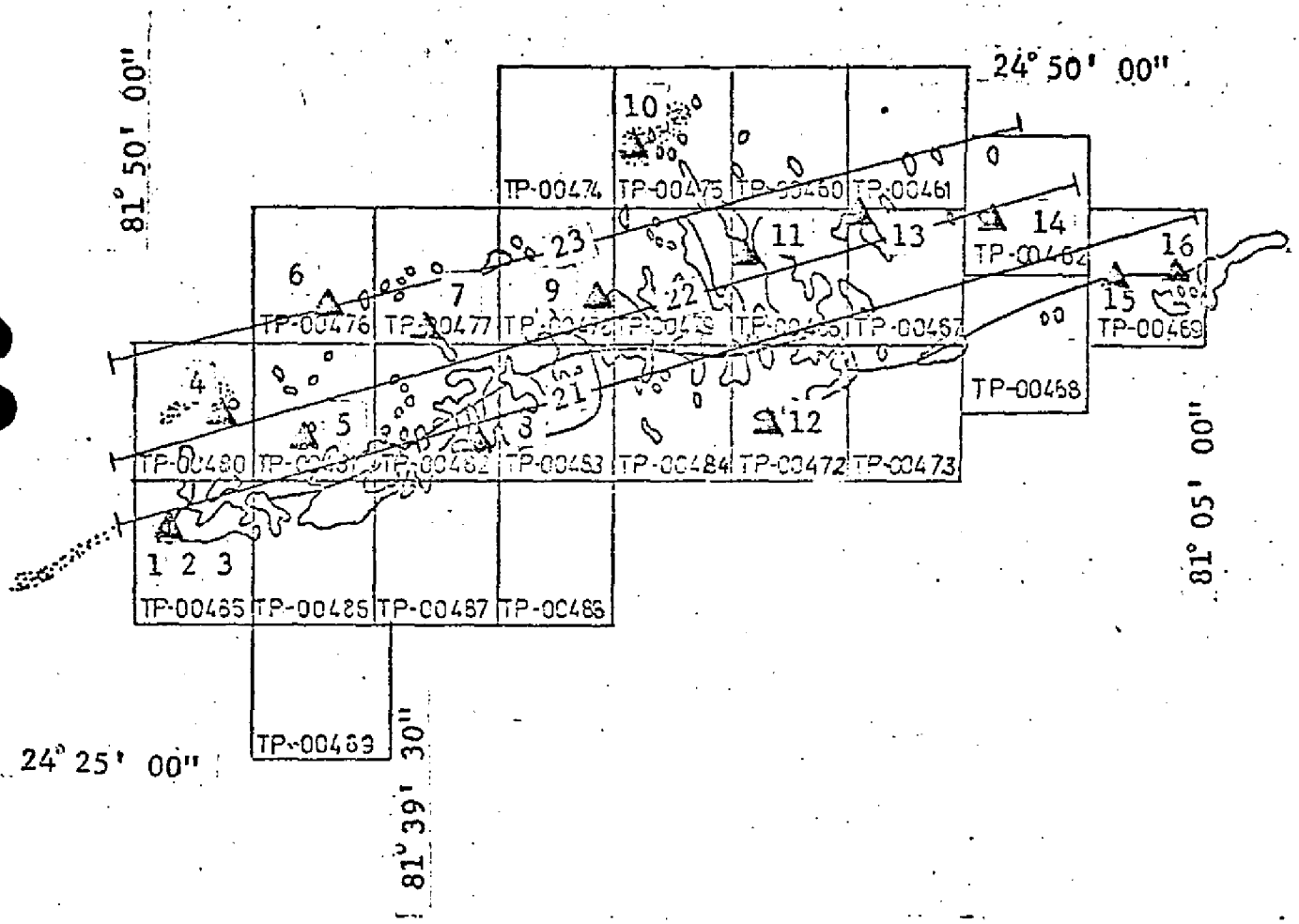
JOB CM-7201

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

CLOUSURES 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)

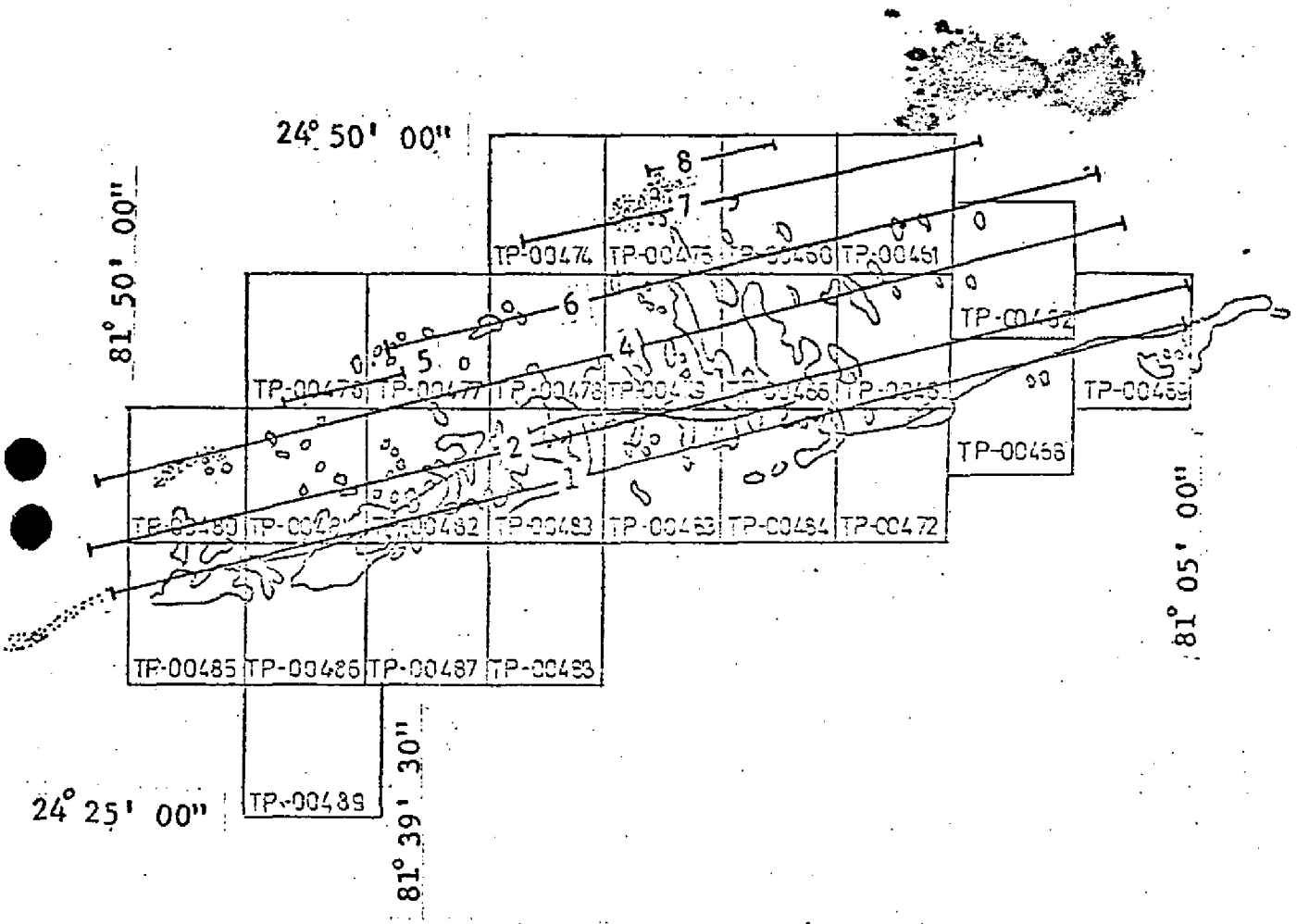
JOB CM-7201

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

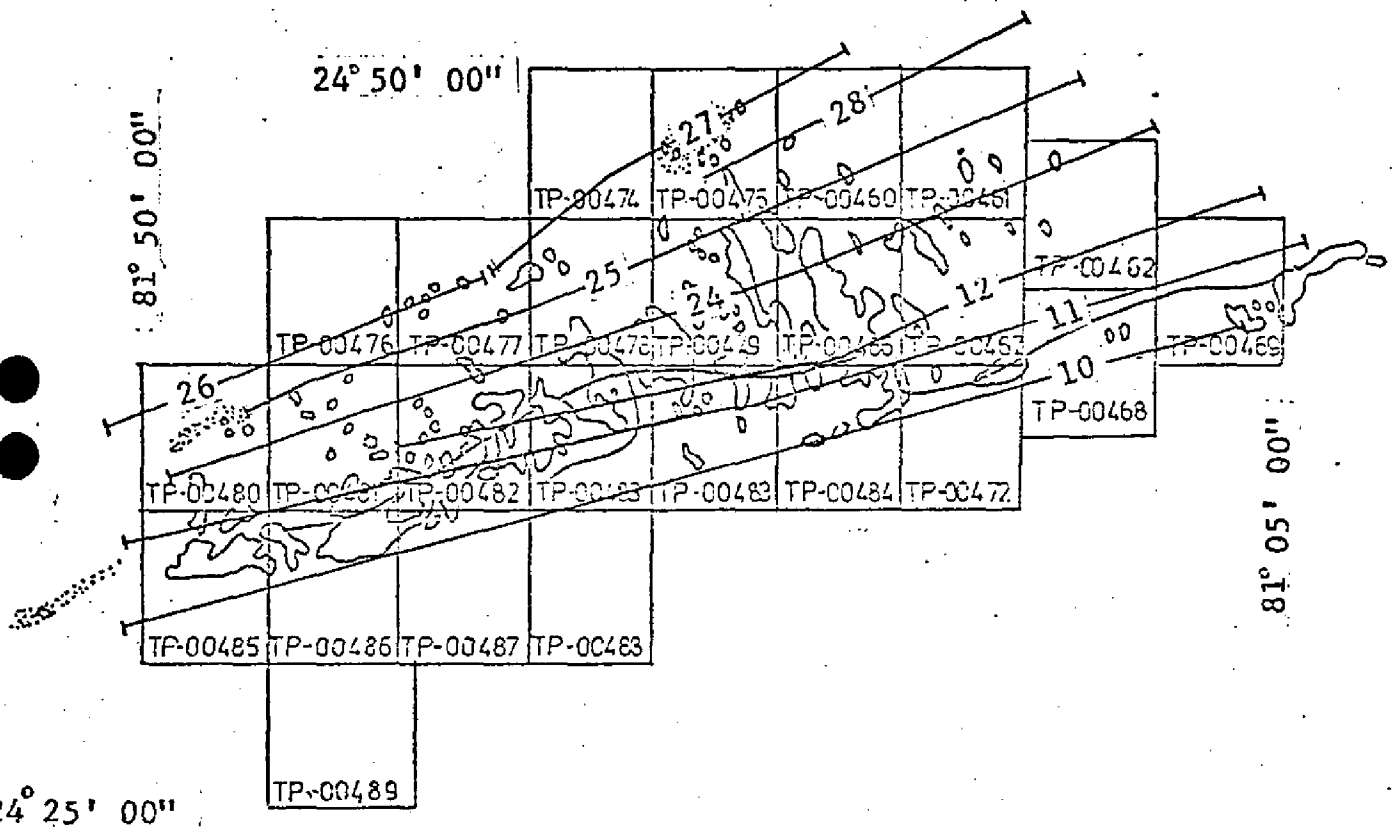
JOB CM-7201

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

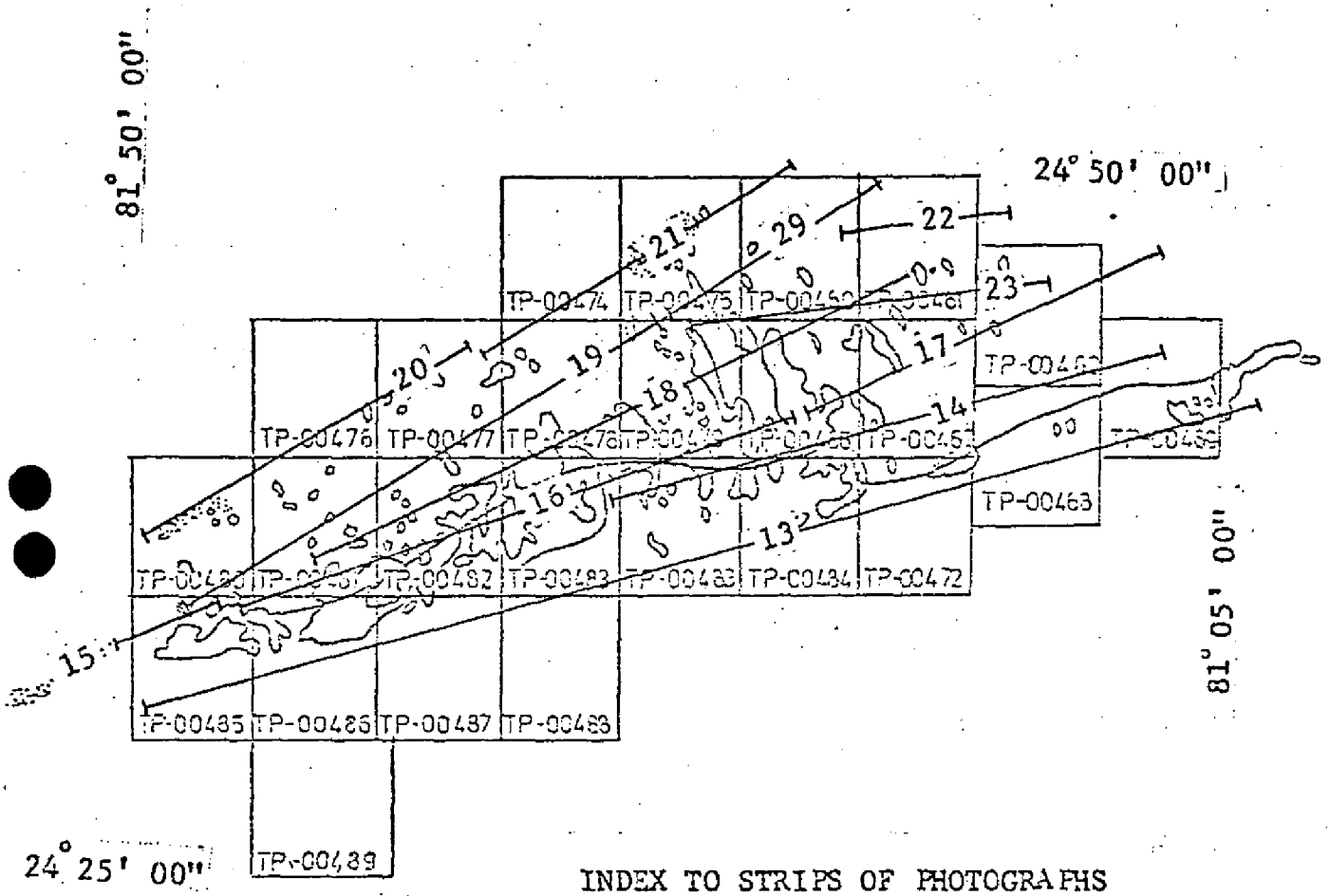
JOB CM-7201

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– 00474

Station	NOS Geodetic Data Reference for Description, Positions, Coordinates and Azimuths
Sawyer 2, 1935	Book 426 P.10 GP-418 Fla., Vol. 1 PC-107 Fla., E. Zone
Saw, 1935	Book 426 P.10 GP-438 Fla., Vol. 1 PC-113 Fla., E. Zone

COMPILATION REPORT
TP-00474
July 1976

31. Delineation

All features were delineated by graphic compilation. The rectified black-and-white 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 limits of vegetation (where the tide-coordinated, black-and-white infrared photography did not clearly show the shoreline).

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 black-and-white prints of the color photography.

Crane Key Mangrove shown on Chart 11448 at latitude 24°45'35', longitude 31°31'15" is not visible on MHW photo 74-C(R) 2553. MLW photo 74-C(R) 2569 and 2570 are sun struck. The reflection off of the sandy botton indicates a build-up in the area of Crane Key Mangrove but it cannot be determined if it bares at MLW due to the sun angle and reflection.

Verification of the existence of Crane Key Mangrove or of MLW is this area will be made by the field editor.

32. Horizontal Control

See Photogrammetric Plot Report.

33. Supplemental Data - None.

34. Contour and Drainage

Contours are not applicable. Ponds and drainage were compiled from ratioed black-and-white prints of the infrared photography.

35. Shoreline and Alongshore Details

Office interpretation of the photography was adequate for delineating the shoreline and alongshore details.

36. Offshore Details

No unusual problems were encountered.

37. Landmarks and Aids to Navigation

No landmarks or aids to navigation existed on this manuscript at the time of the compilation. Any landmarks or aids to navigation will be located during field edit.

38. Control for Future Surveys - None.

39. Junctions

Refer to Form 76-36B.

40. Horizontal Accuracy

This map complies with the National Map Accuracy Standard and with the accuracy requirement for the Florida Coastal Mapping Program as outlined by the Project Instruction for Job PH-7000.

41 thru 45. - Inapplicable.

46. Comparison with Existing Maps

Comparison was made with the following USGS quadrangle:

Sawyer Key, Florida, 1972, 1:24,000 scale

No significant differences were noted.

47. Comparison with Nautical Charts

Comparison was made with the following nautical charts:

11448 (859) Nov. 23, 1974	1:40,000
11442 (1251) May 31, 1975	1:80,000

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Submitted by:

James Schad

James Schad

Approved and Forwarded:

Peter P. Battley Jr.

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

May 22, 1977

GEOGRAPHIC NAMES
FINAL NAME SHEET
PH-7201 (Florida Keys)
TP-00474

Content:Keys

Crane Key

Cudjoe Channel

Great White Heron National Wildlife Refuge

Gulf of Mexico

Little Crane Key

National Key Deer Refuge

Riding Key

Sawyer Key

Approved

Charles E. Harrington
Staff Geographer - C51x2

11448

FIELD EDIT REPORT TP-00474, JOB PH 7201

51. METHODS

The shoreline was inspected from a small boat while cruising just off shore. All shoreline is apparent except for a small area on the north side of Sawyer Key.

Two triangulation stations were recovered, however the original manuscript has none shown. It is recommended that SAWYER 2 1935 and SAW 1935 be shown.

There are no landmarks, aids or vertical control stations on this manuscript.

One tide station falls within this manuscript.

Station	Bench Mark	Photograph
Sawyer Key	SAWYER 2, 1935	74C7520

* Crane Key Mangrove was inspected at about half tide. There is no mangrove or other vegetation on the shoal. Mr. Dwyer, USN (Ret.), Summerland Key, has lived and fished this area for the past 27 years and he stated the name is known because of apperaing on the chart, however the name is not used in referring to this area. They use the bigger name keys to identify the area. The name adds nothing to the chart at this time. Other people were questioned and the answers were about the same.

Field edit data will be found on the photographs and discrepancy print.

52. ADEQUACY OF COMPILATION

Adequate after application of field edit.

53. MAP ACCURACY

No test required.

54. RECOMMENDATIONS

None.

* Reported to Harrington 4/1/77. C.H. Lewis

55. EXAMINATION OF PROOF COPY

Not required.

Submitted
Robert R. Wagner
Chief, Photo Party 66
3/21/77

FFF

Review Report
TP-00474
August 1979

61. General

The map manuscript for Coastal Zone Map TP-00474 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 negatives and the descriptive report.

The proof copy of this map was edited by the Quality Control Group before making final copies for distribution to the state of Florida. This edit comprised a thorough inspection of map details 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 details
Staff Geographer - Geographic names
Coastal Surveys - Horizontal and Vertical Control

No field edit data was available at the time of final review and registration.

62. Cartographic Comparison

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

Sawyer Key, Florida - 1972

No significant differences were found.

Comparison was made with nautical chart 11448, ninth Edition, 1:40,000 scale, dated June 23, 1979.

1. The following changes were found; shoal and shallow areas shown on TP-00474 are not shown on chart 11448.

2. TP-00474 shows a coral formation around Content Keys. This formation is not shown on chart 11448.

63. *thru* 65. Inapplicable

66. Adequacy of Results and Future Surveys

Coastal Zone Map TP-00474 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-00474

Discrepancy print and field edit sheet are missing at time of final review.

NOAA Form 76-36C (History of Field Operations).

Photography:

74-CR-2569 and 2570

74-CP-7520