

TP-00484

TP-00484

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-00484

Classification No. Final Edition No. ..1

LOCALITY

State Florida

General Locality Monroe County

Locality Ramrod Key to Loggerhead Key

19 74TO 19 76

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Rockville, Maryland		SURVEY TP. <u>00484</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB PH. <u>7201</u>	
OFFICER-IN-CHARGE Cdr. Walter S. 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__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
General Instructions-OFFICE-NOS Cooperative Coastal Boundary Mapping, Job PH-7000, December 9, 1975 Supplement 1, November 4, 1974 Supplement 111, 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	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify) _____	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify) _____	
3. MAP PROJECTION Transverse Mercator		4. GRID(S) STATE <u>Florida</u> ZONE <u>East</u>	
5. SCALE 1:10,000		STATE _____ ZONE _____	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: LANDMARKS AND AIDS BY		<u>R.B. Kelly</u>	<u>Oct. 1975</u>
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: CHECKED BY		<u>J. Taylor</u>	<u>Apr 1976</u>
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: CONTOURS BY SCALE: CHECKED BY		<u>N/A</u> <u>N/A</u>	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: <u>Graphic</u> CONTOURS BY CHECKED BY SCALE: <u>1:10,000</u> HYDRO SUPPORT DATA BY CHECKED BY		<u>C.F. Lewis</u> <u>N/A</u> <u>N/A</u>	<u>June 1976</u>
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		<u>C.F. Lewis</u>	<u>June 1976</u>
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		<u>J. Keating</u> <u>C. Lewis</u>	<u>Aug. 10, 76</u> <u>Oct. 1976</u>
7. COMPILATION SECTION REVIEW BY		<u>J. Battley</u>	<u>Dec. 1976</u>
8. FINAL REVIEW BY		<u>D. Brant</u>	<u>Dec. 1976</u>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		<u>D. Brant</u>	<u>May 1980</u>
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		<u>A. L. Mace</u>	<u>APR 16 1981</u>

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

TP-00484

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10'C' 3.5" focal length		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED B&W		ZONE Eastern MERIDIAN 75th <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
74C8388, 8390, 8392	8/16/74		1:30,000	The stage of tide is inapplicable for the color photography.	
8445, 8447, 8449, 8451	8/16/74		1:30,000		
74CR2199-2201	8/8/74	1348	1:30,000	Refer to 76-36B(1) for tide information	
2342-2344	8/12/74	0959	1:30,000		
2453-2455	8/12/74	1449	1:30,000		
2637-2639	8/22/74	0927	1:30,000		
2669-2671	8/22/74	0954	1:30,000		
2759-2760	8/22/74	1113	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, shoal, and shallow areas.

Where the MHW was obscured by vegetation such as mangrove, 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
TP-00479	TP-00472	No survey	TP-00483

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 - 00484

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
Ramrod Key to Loggerhead Key			
74CR2199-2201	Summerland Key, East Side	-0.09 MHW	1.18'
74CR2342-2344	" " " "	+0.19 MHW	1.18'
74CR2453-2455	Kemp Channel	+0.11 MHW	0.66'
74CR2637-2639	Summerland Key, East Side	+0.10 MLW	1.18'
74CR2669-2671	" " " "	+0.07 MLW	1.18'
74CR2759-2760	Kemp Channel	+0.03 MLW	0.66'

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-00484

1. ☒ FIELD INSPECTION OPERATION *May 1974 ☒ FIELD EDIT OPERATION July 1976

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. R. Wagner	
2. HORIZONTAL CONTROL	RECOVERED BY J. D. Di Mare ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	6/76
3. VERTICAL CONTROL	RECOVERED BY J. D. Di Mare ESTABLISHED BY RECOVERED BY IDENTIFIED BY R. R. Wagner	6/76 6/76
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY R. R. Wagner IDENTIFIED BY R. R. Wagner	6/76 6/76
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY R. R. Wagner	6/76
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	74 C 8447	H 272
		74 C 8449	J 272, K 272, Tidal Sta. Mark 3
		74 C 8451	K 70 RESET

3. PHOTO NUMBERS (Clarification of details)
74 C 8388, 8390, 8449, 8451
74 CR 2671

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Nonfloating aid and landmarks were either located or verified by field edit

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
74 C 8447	Flagpole		

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 in this Descriptive Report

2 pages of Sextant Cuts

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

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Office - Class III	6/14/76	Special request from Requirements Branch		
Field Edit - Class I	8/10/76	"	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
		3/1/77	Two (2) digitized forms submitted as final report.

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 3/1/77
 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

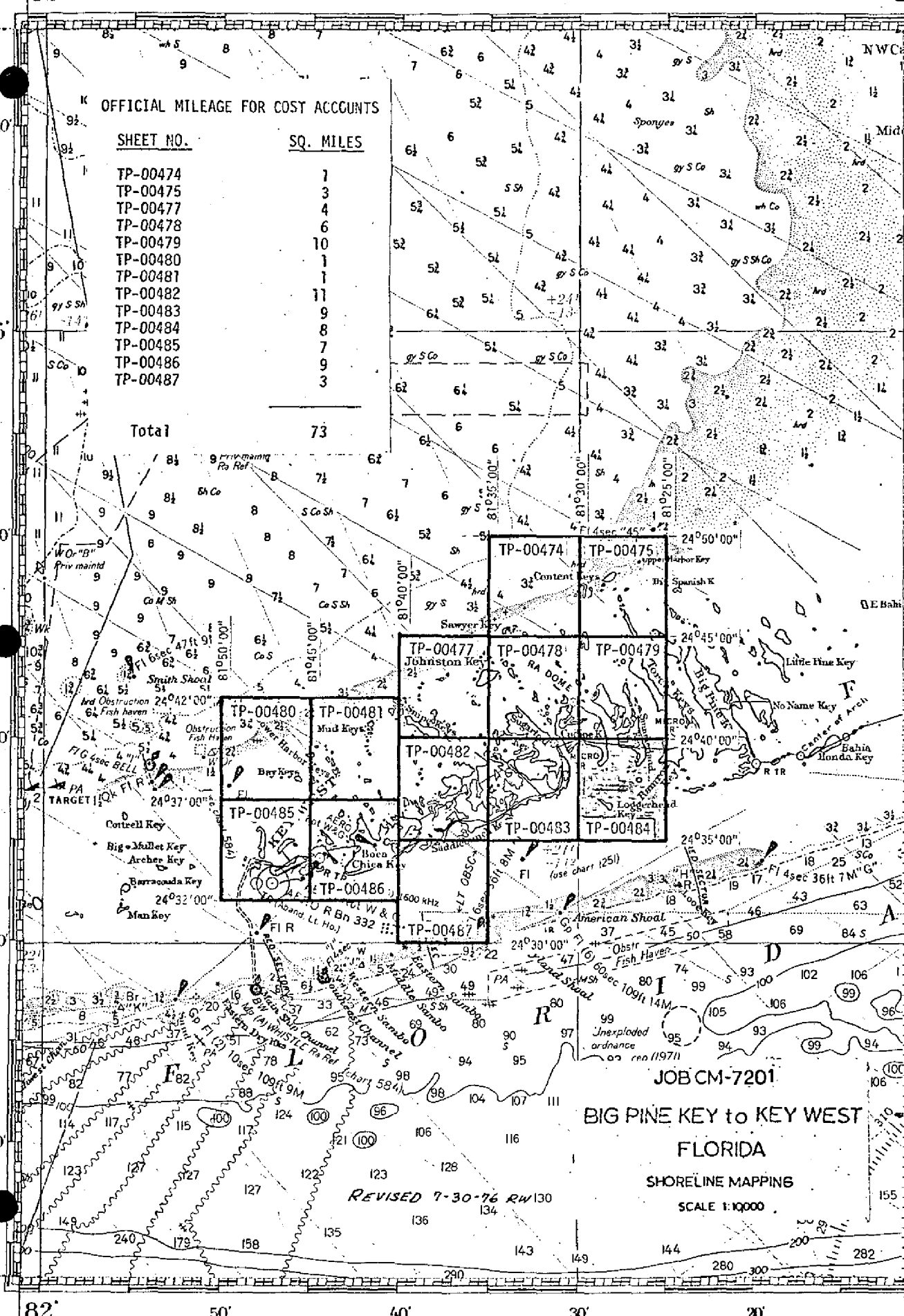
SHEET NO.

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



JOB CM-7201
BIG PINE KEY to KEY WEST
FLORIDA
SHORELINE MAPPING
SCALE 1:10000

REVISED 7-30-76 RW/130

JOINS CHART 1112

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

Coastal Zone Map TP-00484 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

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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,

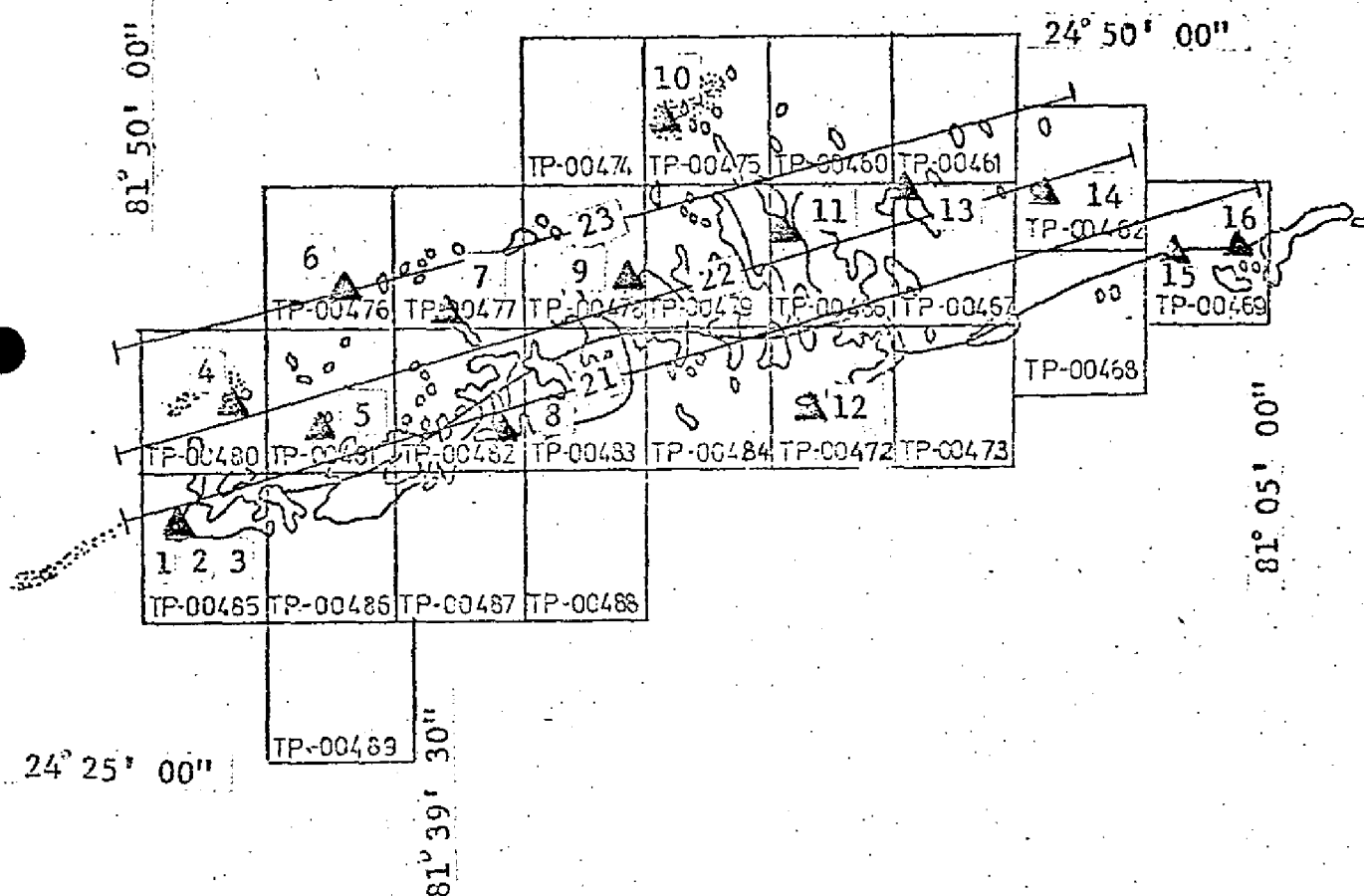
Robert B. Kelly
Robert B. Kelly

Approved and Forwarded:

John D. Perrow Jr.

John D. Perrow, Jr.
Chief, Aerotriangulation Section

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



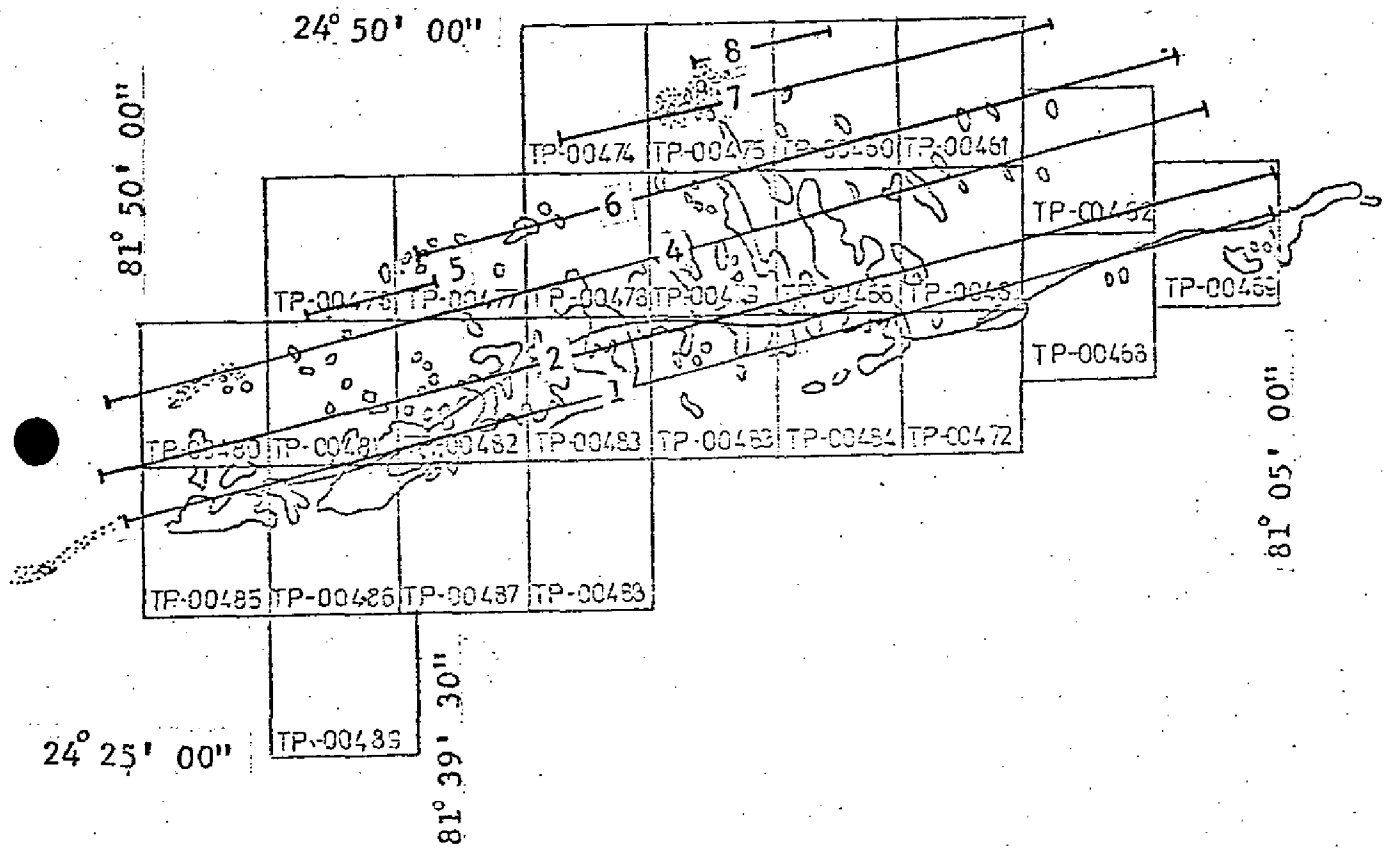
INDEX TO STRIPS OF PHOTOGRAPHS

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

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)

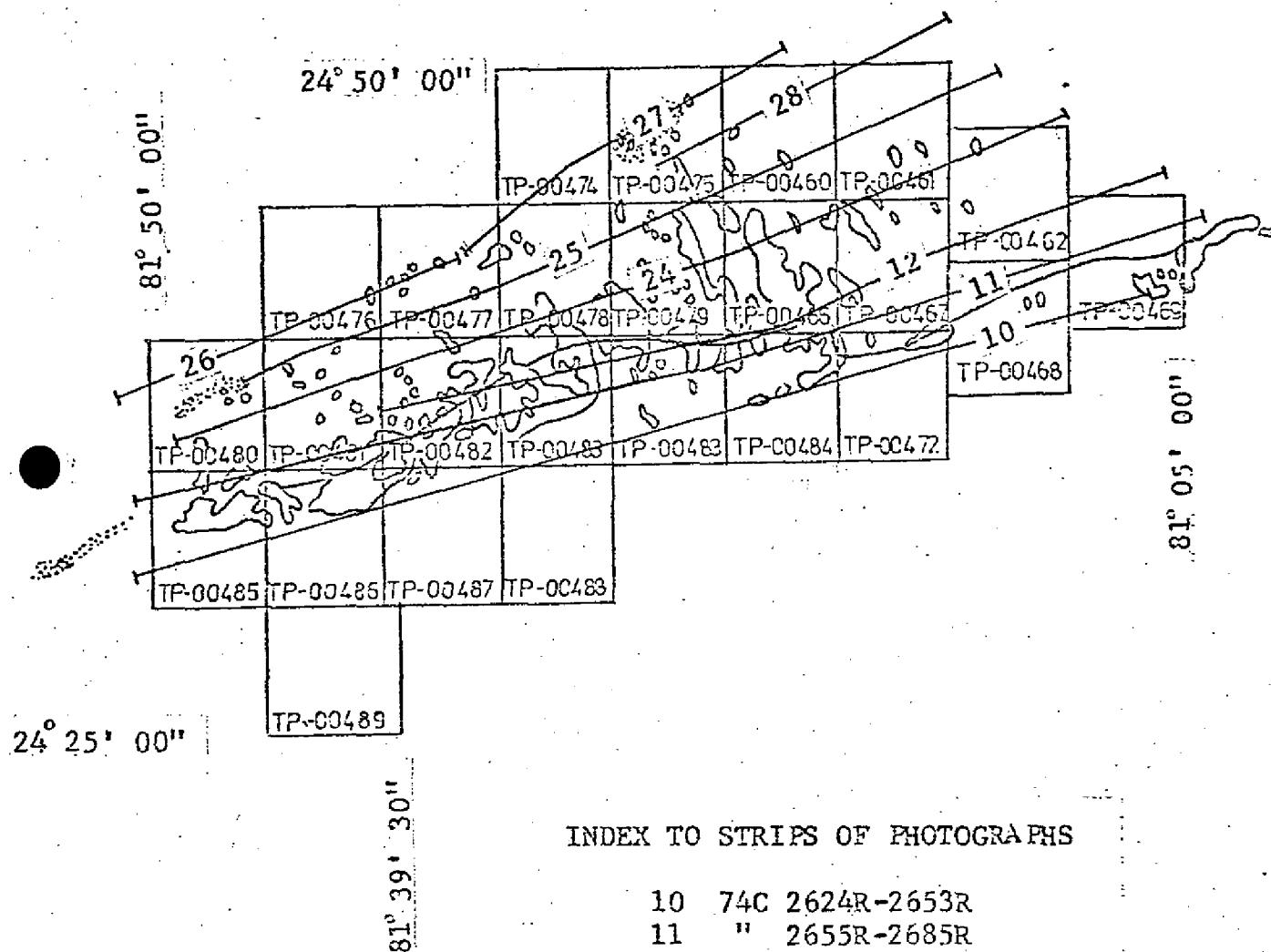
JOB CM-7201
 BOOT KEY TO KEY WEST
 FLORIDA
 SHORELINE MAPPING
 COMPILATION PHOTOGRAPHY



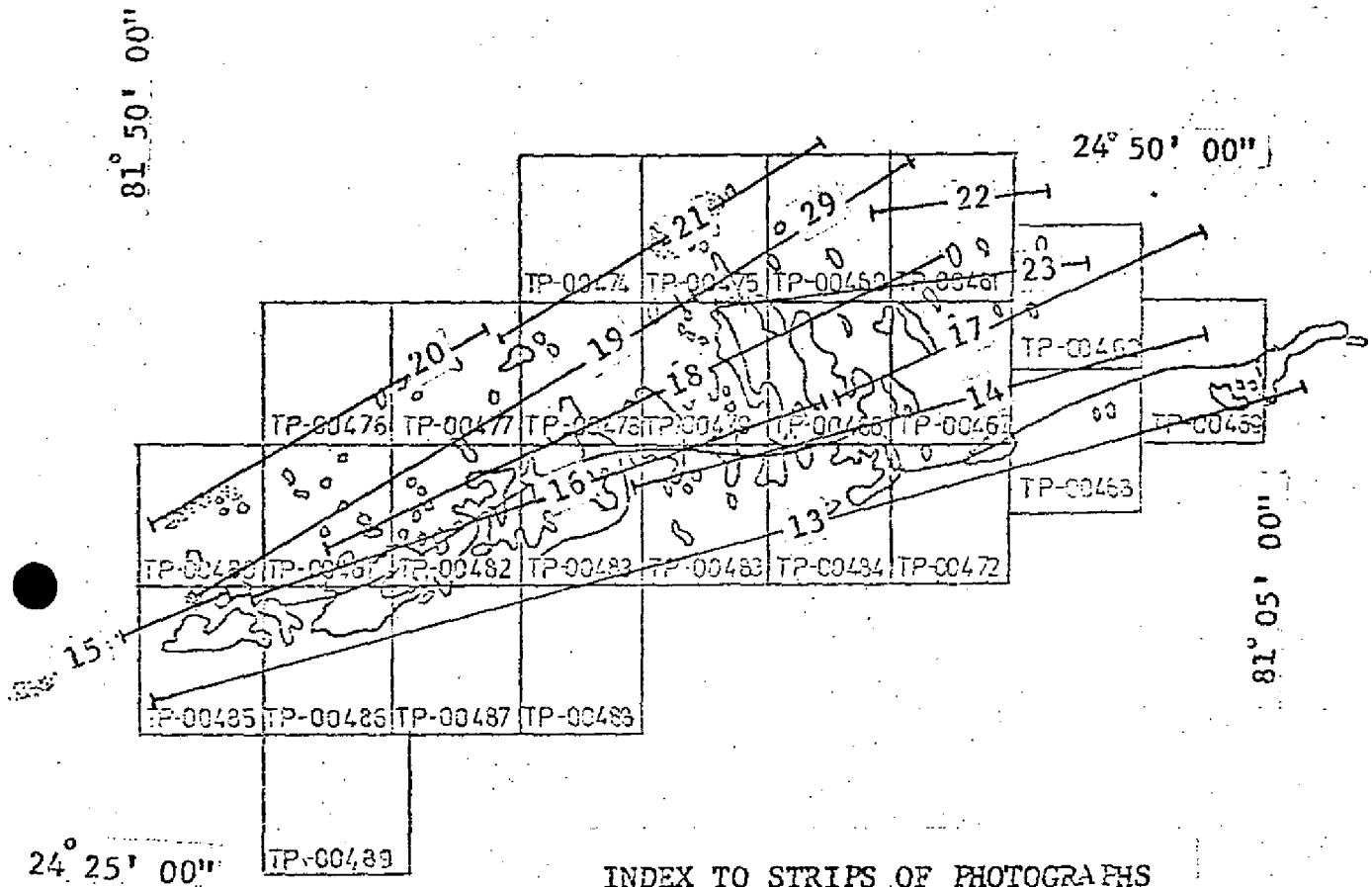
INDEX TO STRIPS OF PHOTOGRAPHS

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



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



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 TP-00484

Station	NOS Geodetic Data Reference for Descriptions, Positions, Coordinates and Azimuths
GCP, 1935	Book 426, P. 7, 36; GP 443 Fla. Vol. 1; PC P. 115 Fla. E. Zone
LOGGERHEAD, 1920	Book 426, P. 2, 39; GP 421 Fla. Vol. 1, PC P. 108 Fla. E. Zone
RANROD KEY, 1935	Book 426, P. 3, 27, 28, 42, 47; GP 327 Fla. Vol. 1; PC P. 80 Fla. E. Zone. New RM's were set in 1976 and a new description which is not available to us. Please add.
RICK, 1935	Book 426, P. 2, 42; GP 444 Fla. Vol. 1, PC P. 115 Fla. E. Zone

Compilation Report
TP-00484
June 1976

31. Delineation

All features were delineated by graphic compilation. The 1974 rectified prints of the color photography, controlled by map points determined by aerotriangulation, were used for compiling shoal and shallow areas, interior features, cultural shoreline, and limits of vegetation.

The tidal datum lines were compiled from office-interpretation of the *ratioed tide-coordinated 1974 black-and-white infrared photography* which was controlled by common detail compiled from the rectified prints of the color photography and points located during bridging.

32. Horizontal Control

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

33. Supplemental Data - None

34. Contours and Drainage

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

35. Shoreline and Alongshore Detail

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 were located during bridging or compilation. All landmarks and 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 Standards and with the accuracy requirements for the Florida Coastal Mapping Program as outlined by the Project Instructions for PH-7000.

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following USGS quads:

Loggerhead Key, Fla., 1972, 1:24,000 scale

Summerland Key, Fla., 1972, 1:24,000 scale

No significant differences were noted.

47. Comparison with Nautical Charts

Comparison was made with the following Nautical Charts:

11445(854) 14th Ed., June 28, 1975 1:40,000 scale

Items to be Applied to Nautical Charts Immediately: None

Items to be Carried Forward: None

Submitted by

C. F. Lewis
C. F. Lewis

Approved:

J. P. Battley, Jr.

J. P. Battley, Jr.

Chief, Coastal Mapping Section

21 April 1976

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7201 (Florida Keys)

TP-484

X Crab Key

X Cudjoe Bay

X Cudjoe Key

X Gopher Key

~~Intracoastal Waterway~~

X Kemp Channel

X Loggerhead Key

X Money Key

→ National Key Deer Refuge

X Niles Channel

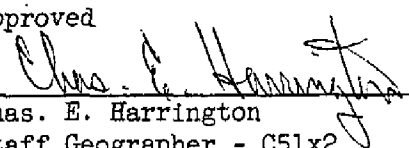
X Pye Key

X Ramrod Key

X Straits of Florida

X Summerland Key

Approved


Chas. E. Harrington

Staff Geographer - C51x2

FIELD EDIT REPORT, MAP TP-00484, JOB CM-720151. METHODS

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

~~Five~~ ^{Four} triangulation stations were recovered. ~~SUMMER 1934 is destroyed and SUMMER 2, 1971 should be plotted in its place. Form 526 was submitted in 1971. SUMMER 2, 1971 is also a vertical control station, See Quad. 240811, Pg. 21. RAMROD KEY, 1935 should also be plotted. This station is also vertical control (Quad. 240811 Pg. 21) and a tidal bench mark.~~

Seven vertical control stations were recovered and five were identified. ~~SUMMER 2, 1971 and RAMROD KEY, 1935 should be plotted.~~

A flagpole identified on photograph 74C8447 is recommended for charting.

All known aids were located. Hawk Channel Nile Channel Daybeacons 5 and 6 were located as part of TP-00472. One cut to each aid was taken from PP2 identified on this manuscript. Loggerhead Key Daybeacon "50" was located with two cuts from this manuscript and one from Munson Island tide gage that falls on TP-00472. All cuts to Daybeacon "50" are submitted with this manuscript.

Eight tidal stations fall within this manuscript.

<u>Station</u>	<u>Bench Mark</u>	<u>Photograph</u>
✓ Ramrod Key	✓ RAMROD KEY 1935 (PDOT)	74C8451
✓ Niles Channel West	✓ K 70 RESET 1938	74C8451
✓ Summerland Key, West Side	✓ No. 3, 1975	74C8449
✓ Kemp Channel Viaduct	✓ No. 3, 1937	74C8449
✓ Loggerhead Key	✓ LOGGERHEAD 1935 (Plotted)	74C8390
✓ Copher Key	✓ GOP 1935 Plotted	74C8447
✓ Cudjoe Bay	✓ No. 3, 1975	74C8447
✓ Summerland Key, East Side	✓ No. 4, 1974	74C8449

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

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 7/1/76


Robert R. Wagner
Chief, Photo Party 66

Review Report

TP-00484

May 1980

61. General

Coastal Zone Map TP-00484 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. In addition the proof copy was examined by the following section:

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 maps 1:24,000 scale:

Summerland Key, Fla.
Loggerhead Key, Fla.

No significant differences were found. Comparison was made with the following NOS chart:

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

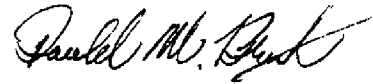
Charted obstructions not visible on the photography were investigated by field edit. A copy of the field editor's notes is attached to the chart maintenance print.

63. thru 65. Inapplicable

66. Adequacy of Results and Future Surveys

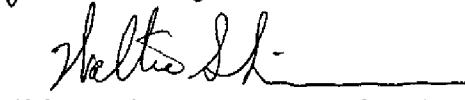
Coastal Zone Map TP-00484 complies with the instruction for NOS cooperative Boundary Mapping, Job PH-7000 and the National Standards of Map Accuracy.

Submitted by,



Donald M. Brant

Approved and Forwarded:


Chief, Photogrammetric Branch
Chief, Photogrammetry Division

National Archives Data

for

TP-00484

- 1 Discrepancy Print (paper copy)
- 1 Field Edit Sheet (stable base copy)
- 2 Forms 76-40 (Nonfloating Aids or Landmarks for Charts)
- 1 Form 76-36C (History of Field Edit Operation)
- 2 Pages of Cuts
 - Photography:
 - 74 C 2671
 - 74 C 8390
 - 74 C 8449
 - 74 C 8451