

TP-00479

TP-00479

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey Florida Boundary

Job No. ... PH-7201 Map No. ... TP-00479

Classification No. Final Edition No. ... 1

LOCALITY

State Florida

General Locality Niles Channel

Locality Big Torch Key to Cudjoe Key

19 74 TO 1977

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 type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Rockville, Md		SURVEY TP. <u>00479</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB PH. <u>7201</u>	
OFFICER-IN-CHARGE Cdr. James Collins		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 I, November 4, 1974 Supplement III, October 24, 1974 NOTE: Office and field edit instructions (1975) incorporate applicable prior operational instructions		Aerial photography 9/2/69 Supplement I, 1/28/70 Supplement II, 3/26/70 Supplement III, 8/10/72 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 <u>1:10,000</u>		STATE _____ ZONE _____	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		<u>R.B. Kelly</u>	<u>Oct. 75</u>
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: _____ CHECKED BY		<u>J. Taylor</u>	<u>Apr. 76</u>
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY		<u>NA</u>	
INSTRUMENT: _____ CONTOURS BY SCALE: _____ CHECKED BY		<u>NA</u>	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY		<u>R. Rich</u>	<u>June 76</u>
METHOD: <u>Graphic</u> CONTOURS BY CHECKED BY		<u>C.F. Lewis</u>	<u>July 76</u>
SCALE: <u>1:10,000</u> HYDRO SUPPORT DATA BY CHECKED BY		<u>NA</u>	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		<u>C.F. Lewis</u>	<u>Aug 76</u>
6. APPLICATION OF FIELD EDIT DATA BY		<u>J. Keating</u>	<u>Apr 77</u>
CHECKED BY		<u>R. Rich</u>	<u>June 8, 77</u>
7. COMPILATION SECTION REVIEW BY		<u>C.F. Lewis</u>	<u>Aug: 10, 77</u>
8. FINAL REVIEW BY		<u>D. Brant</u>	<u>Oct. 77</u>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		<u>D. Brant</u>	<u>Oct. 79</u>
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		<u>W. C. McNeil</u>	<u>APR 1 6 1981</u>

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

TP-00479

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) WILD RC-10"C" 3.5' focal length		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR		ZONE	<input checked="" type="checkbox"/> STANDARD
<input type="checkbox"/> PREDICTED TIDES		(P) PANCHROMATIC		Eastern	
<input type="checkbox"/> REFERENCE STATION RECORDS		(I) INFRARED -B&W		MERIDIAN	<input type="checkbox"/> DAYLIGHT
<input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				75th	

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
74C7422	6 Mar 74	0920	1:30,000	The stage of tide is inapplicable for the color photography. Refer to 76-36B(1) for tide information.
74C8246, 8247, 8249	14 Mar 74	1628	1:30,000	
74C8294, 8296, 8298, 8300	14 Mar 74	1650	1:30,000	
74C8532, 8534, 8536	16 Mar 74	1540	1:30,000	
74CR2299-2301	11 Nov 74	1338	1:30,000	
2313	11 Nov 74	1355	1:30,000	
2227, 2228	10 Nov 74	1235	1:30,000	
2452, 2453	12 Nov 74	1450	1:30,000	
REMARKS 2782-2785	22 Nov 74	1150	1:30,000	
2758	22 Nov 74	1110	1:30,000	
2858-2860	22 Nov 74	1401	1:30,000	

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 culture features and compiling the limits of vegetation, shoal and shallow areas.

Where the MHW 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 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-00475	TP-00466	TP-00484	TP-00478

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 -00479

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
BIG TORCH KEY TO CUDJOE KEY			
74-CR 2299,	Cudjoe Key N. Pt.	-0.11 MHW	2.16
2300,2301	Big Torch Key	+0.17 MHW	0.76
2313	Big Spanish Key	-0.18	2.67
2227,2228	Cudjoe Key	-0.08	1.51
74-CR2452	Big Torch Key	+0.24 MHW	0.76
2453	Kemp Channel	+0.11	0.66
74-CR 2782,2783	Kemp Channel	-0.04 MLW	0.66
2784	Big Torch Key	-0.15	0.76
2785	Big Pine Key W. side	-0.10	0.71
2758	Kemp Channel	+0.03	0.66
2858,2859	Cudjoe Key N. Pt.	+0.17	2.16
74CR 2860	Big Spanish Key	+0.23 MLW	2.67

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-00479

I. ☒ FIELD INSPECTION OPERATION * May 1974 ☒ 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 ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	3/77
3. VERTICAL CONTROL	RECOVERED BY J.D. Di Mare ESTABLISHED BY XXXXXXXXXX IDENTIFIED BY J.D. Di Mare	3/77
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY J.D. Di Mare LOCATED (Field Methods) BY IDENTIFIED BY	3/77
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY R. R. Wagner	3/77
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	74C8300	BOM 11 (USE), N 327

3. PHOTO NUMBERS (Clarification of details)

74C8246, 8249, 8298, 8300, 8532, 8536; 74CR2758, 2574, 2858, 2859

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

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)

The field report is bound with this descriptive report

* Refer to field report

5 pages of sextant and T-2 cuts for aids.

NOAA FORM 76-36C
(3-72)

RECORD OF SURVEY USE

TP-00479

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Office - Class III	6/30/76	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
		6/1/77	Two (2) digitized pages of Form 76-40 have been forwarded to the Marine Chart Division as a final report.

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 6/1/773. ☐ 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

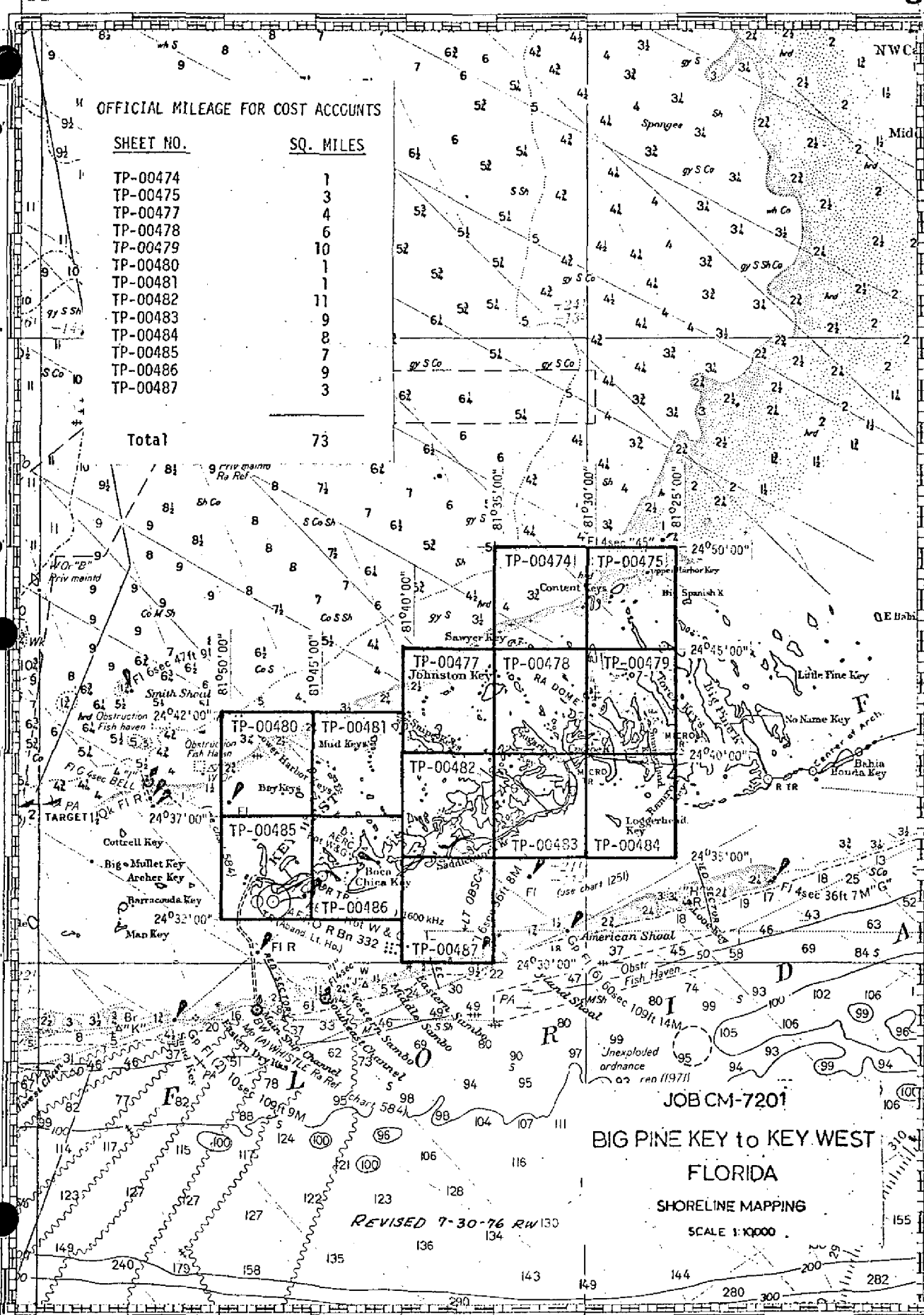
SHEET NO.

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 RW130

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

Coastal Zone Map TP-00479 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 17

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

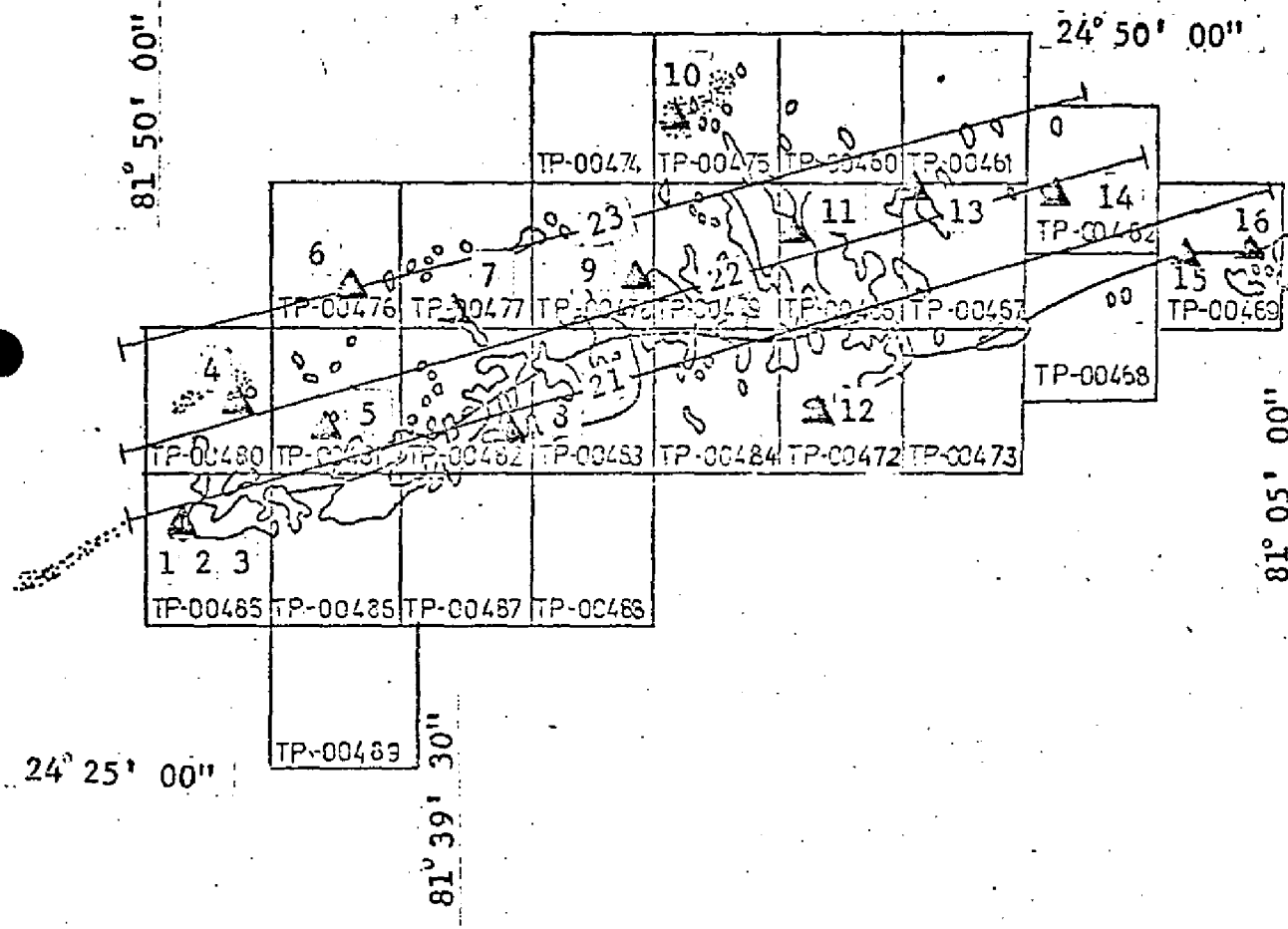
Approved and Forwarded:

John D. Perrow Jr.

John D. Perrow, Jr.

Chief, Aerotriangulation Section

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



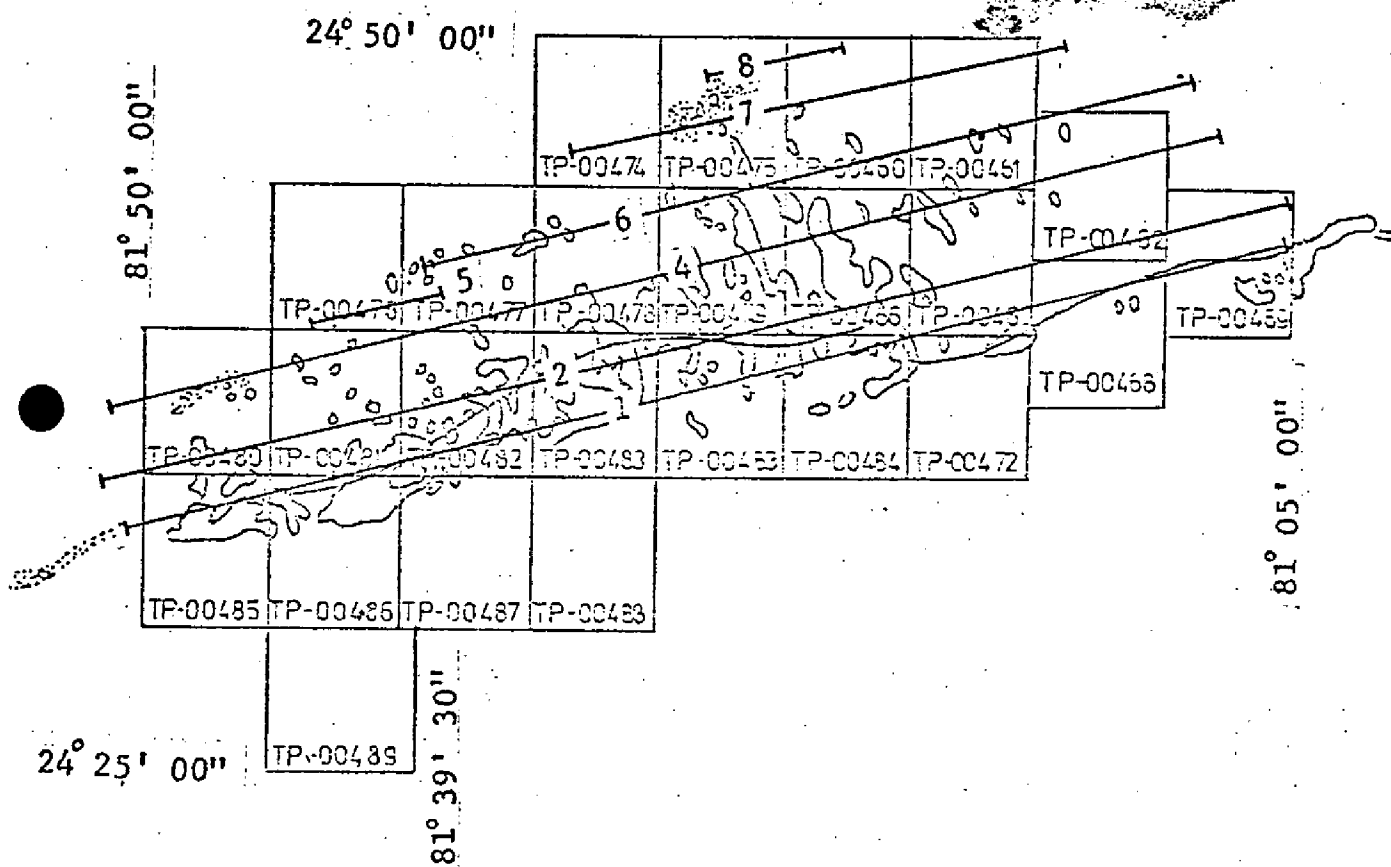
INDEX TO STRIPS OF PHOTOGRAPHS

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)

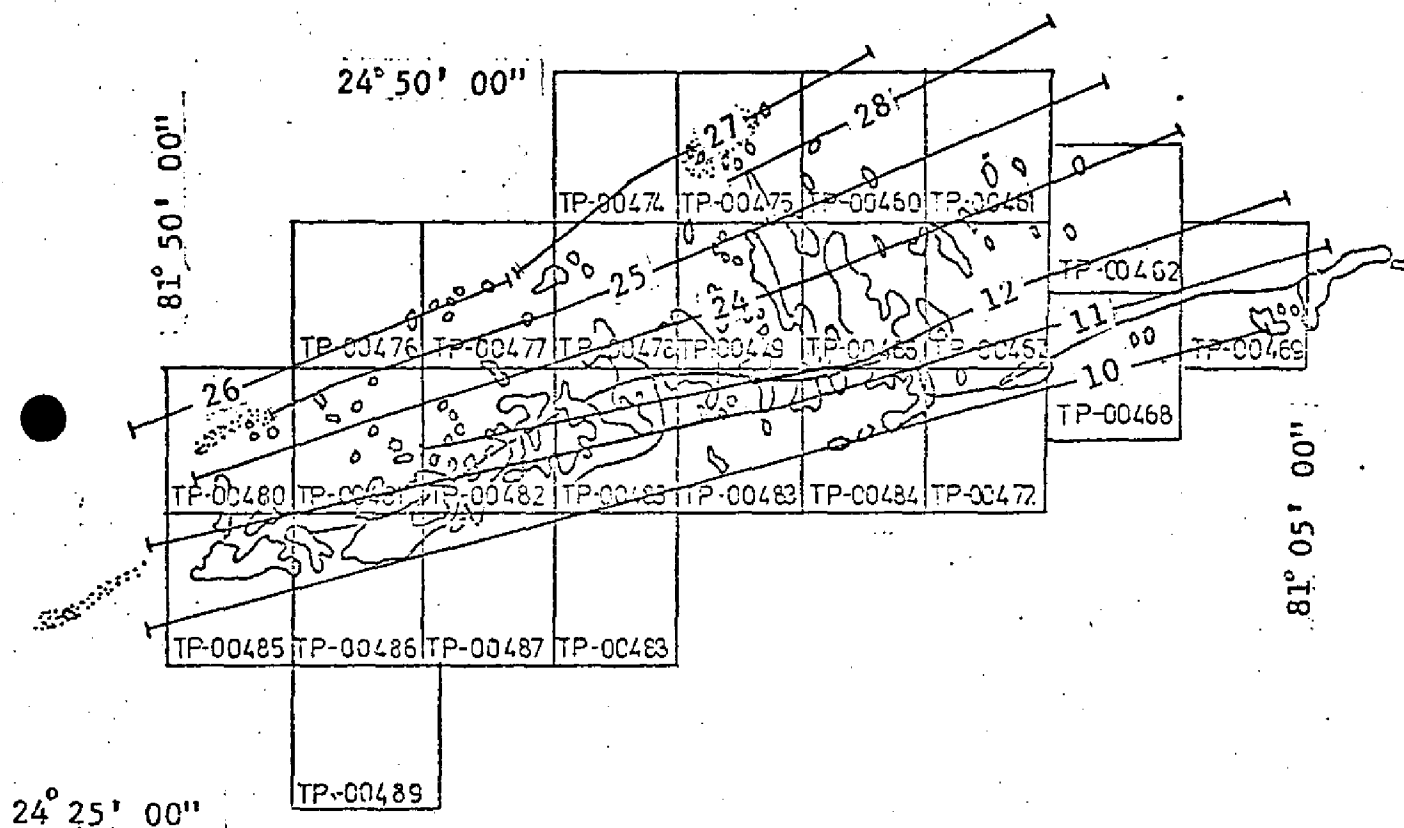
JOB CM-7201
BOOT KEY TO KEY WEST
FLORIDA
SHORELINE MAPPING
COMPILATION PHOTOGRAPHY



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

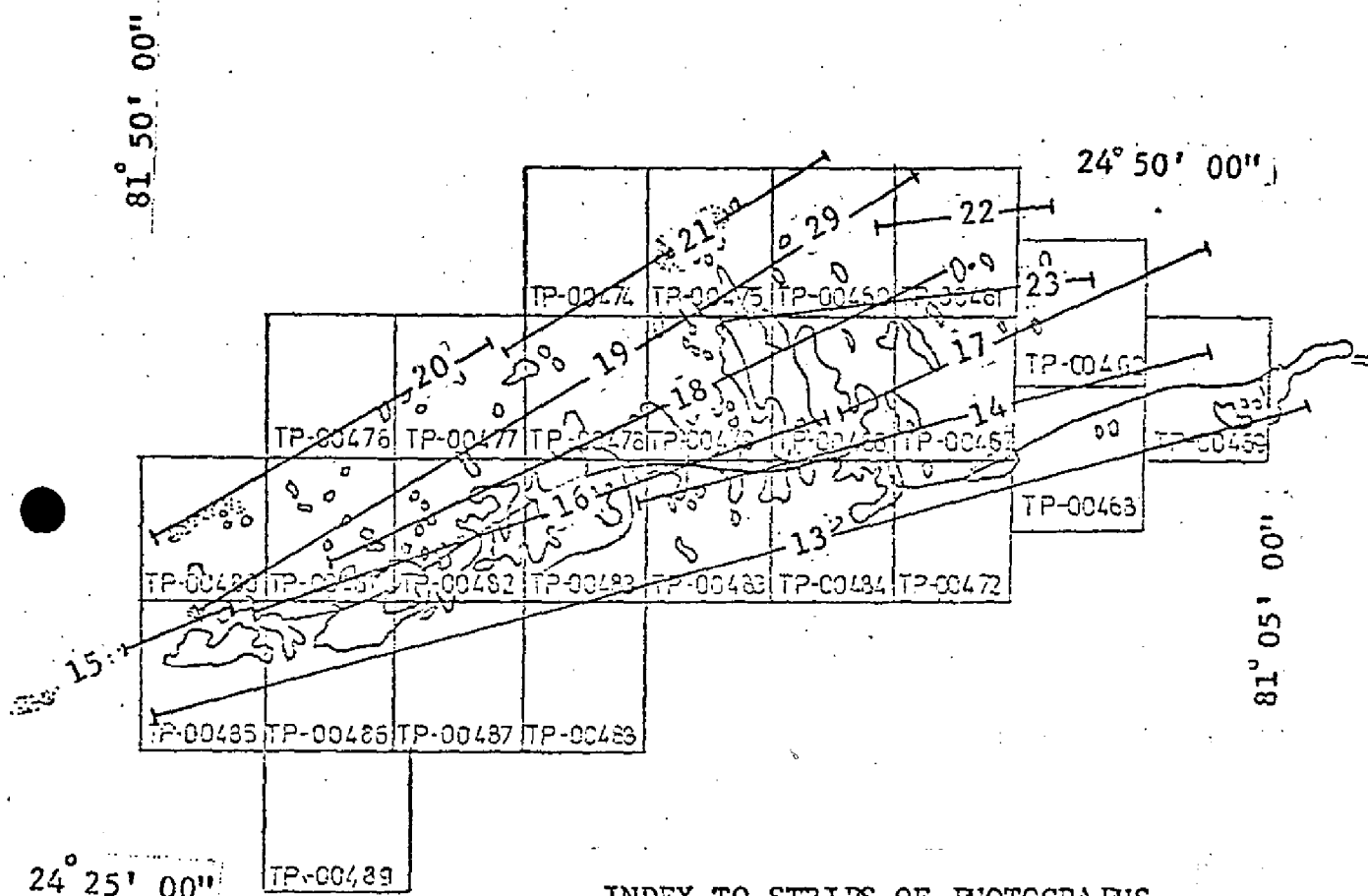
JOB CM-7201
 BOOT KEY TO KEY WEST
 FLORIDA
 SHORELINE MAPPING
 MEAN LOW WATER PHOTOGRAPHY



INDEX TO STRIPS OF PHOTOGRAPHS

10	74C	2624R-2653R
11	"	2655R-2685R
12	"	2744R-2757R
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— 00479

Station	NOS Geodetic Data Reference for Description, Positions, Coordinates and Azimuths
BILL, 1935	Book 426, P. 4; GP 442 Fla. Vol. 1; PC 115 Fla. E Zone
JOE, 1934	Book 426, P. 6, 36; GP 439 Fla. Vol. 1; PC 114 Fla. E Zone
KNOCK, 1934	Book 426, P. 6, 38; GP 439 Fla. Vol. 1; PC 114 Fla. E Zone
MERL, 1935	Book 426, P. 3, 39; GP 440 Fla. Vol. 1; PC 114 Fla. E Zone
RAC, 1935	Book 426, P. 5, 47, 42; GP 440 Fla. Vol. 1; PC 114 Fla. E Zone
SUMMERLAND KEY, 1935	Book 426, P. 4, 28, 44; GP 419 Fla. Vol. 1; PC 107 Fla. E Zone
TOR, 1935	Book 426, 5, 45; GP 440 Fla. Vol. 1; PC 114 Fla. E Zone
TORCH, 1935	Book 426, P. 3, 45; GP 443 Fla. Vol. 1; PC 115 Fla. E Zone
TORKEY, 1935	Book 426, P. 3, 4, 45; GP 420 Fla. Vol. 1/ PC 107 Fla. E Zone
PERKY NORTHEAST BASE 2 1959	Fla

Compilation Report
~~XXXXXXXXXX~~ TP-00479
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 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:

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:

11448 (859) 7th Edition, Nov. 23, 1974, 1:40,000

Items to be Applied to Nautical Charts Immediately: None

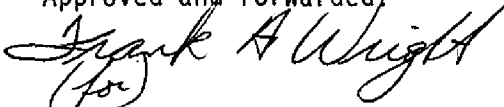
Items to be Carried Forward: None

Submitted by,



R. D. Rich

Approved and Forwarded:



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

21 April 1976

GEOGRAPHIC NAMES

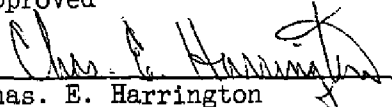
FINAL NAME SHEET

PH-7201 (Florida Keys)

TP-479

Big Torch Key ~~++~~Budd Keys ~~++~~Cudjoe Key ~~++~~Great White Heron National Wildlife Refuge ~~++~~Howe Key ~~++~~Howell Key ~~++~~Hurricane Key ~~++~~Kemp Channel ~~++~~Knockemdown Key ~~++~~Little Knockemdown Key ~~++~~Middle Torch Key ~~++~~National Key Deer Refuge ~~++~~Niles Channel ~~++~~Raccoon Key ~~++~~Ramrod Key ~~++~~Summerland Key ~~++~~Torch Key Mangroves ~~++~~Toptree Hammock Key ~~++~~Water Keys ~~++~~

Approved


Chas. E. Harrington
Staff Geographer - C51x2

FIELD EDIT REPORT TP-00479, JOB CM 7201

51. METHODS

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

TP 4

Nine triangulation stations were recovered. Triangulation station PERKY NORTHEAST BASE-2, 1959 was not recovered, however PERKY NORTHEAST BASE 3 1966 was recovered. The recovered station falls on the manuscript to the south TP-00484.

- ✓ Two vertical control stations were recovered.
- There are no landmarks on this manuscript.
- ✓ All known aids were located.
- ✓ Six tidal stations fall within this manuscript.

<u>Station</u>	<u>Bench Mark</u>	<u>Photograph</u>
✓ Cudjoe Key, East Side	BM 1	74C8300
✓ Knockemdown Key	BM 1	74C8246
✓ Racoon Key	RAC 1935	74C8246
✓ Big Torch Key, East Side	BM 1	74C8249
✓ Big Torch Key, West Side	BM 1	74C8532
✓ Water Keys, South End	WATER KEY 1938	74C8249

Water Keys, South End bench mark WATER KEY 1938 falls on the sheet to the north TP-00475

Field edit notes will 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.

6-7-71


54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Not required.

Submitted


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

Review Report

TP-00479

February 1979

61. General

Coastal Zone Map TP-00479 was inspected before field edit and reviewed as a Class 1 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 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:

Summerland Key, Fla. 1972

No significant differences were noted.
Comparison was made with chart 11448, 9th Edition, dated June 23, 1979.
No significant differences were noted.

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

Coastal Zone Map TP-00479 complies with the instructions for NOS Cooperative Boundary Mapping, Job PH-7000 and the National Standards of Map Accuracy.

Submitted by,

Donald M. Brant
Donald M. Brant

Approved and Forwarded:

John D. Perron Jr.
Chief, Photogrammetric Branch

Walter S. ...
Chief, Photogrammetry Division

National Archives Data
for
TP-00479

- 1 Discrepancy print (Paper copy)
- 1 Field edit sheet (Stable base copy)
- 1 Form 76-36C (History of Field Operation)
- 2 Form 76-40 (Nonfloating Aids or Landmarks for Charts)
- 5 Pages of sextant and T-2 angles for the location of aids and landmarks

Photography: (Portions of Photographs)

74 C 7426
8246
8249
8300
8532
2854 R