

TP- 00475

TP-00475
2700-11

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-00475
Classification No. Final Edition No. 1

LOCALITY

State Florida
General Locality Monroe County
Locality Upper Harbor Key to Howe Key

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.		TYPE OF SURVEY		SURVEY TP. 00475	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. (1)	
				<input type="checkbox"/> RESURVEY		MAP CLASS Final	
				<input type="checkbox"/> REVISED		JOB PH. 7201	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Rockville, Maryland				TYPE OF SURVEY		JOB PH. _____	
OFFICER-IN-CHARGE				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
Commander James Collins				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		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				4. GRID(S)			
Transverse Mercator				STATE Florida		ZONE East	
5. SCALE 1:10,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY				Robert B. Kelly		Oct 1974	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: CHECKED BY				Taylor		April 1976	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				N/A			
INSTRUMENT: CONTOURS BY				N/A			
SCALE: CHECKED BY							
4. MANUSCRIPT DELINEATION PLANIMETRY BY				J. Schad		June 10, 1976	
CHECKED BY				C. Lewis		Aug. 1976	
METHOD: Graphic Comp. CONTOURS BY				N/A			
CHECKED BY							
SCALE: HYDRO SUPPORT DATA BY							
CHECKED BY							
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				C. Lewis		Aug. 1976	
6. APPLICATION OF FIELD EDIT DATA BY				A. Tolzman		Apr. 1977	
CHECKED BY				J. Battley		June 1977	
7. COMPILATION SECTION REVIEW BY				J. Battley		June 1977	
8. FINAL REVIEW BY				D. Brant		Sept. 1977	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY							
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				D. Brant		Sept. 1979	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				D. Brant		APR 16 1981	

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

COMPILATION SOURCES

TP-00475

1. COMPILATION PHOTOGRAPHY

CAMERA(S)		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) 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 MERIDIAN 75th	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
74C(C) 7422, 7424, 7426	6 Mar. 74	0923	1:30,000	The stage of tide is in-applicable for the color photography. Refer to 76-36B(1) for tide information
74C(C) 7488, 7489, 7491	6 Mar. 74	0950	1:30,000	
74C(C) 7526, 7528, 7530	6 Mar. 74	1002	1:30,000	
74C 2524-2526R	16 Nov. 74	1023	1:30,000	
74C 2571-2574R	17 Nov. 74	1030	1:30,000	
74C 2860R	22 Nov. 74	1401	1:30,000	
74C 2228R	10 Nov. 74	1253	1:30,000	
74C 2555-2557R	16 Nov. 74	1412	1:30,000	
74C 2264R-2265R	11 Nov. 74	1322	1:30,000	
74C 2313R (with TP 479)	11 Nov. 74	1358	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 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 shoreline is 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
N/A					

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
No contemporary survey TP-00460		TP-00479	TP-00474

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 - 00475

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
UPPER HARBOR KEY <u>TO. HOWE KEY</u>			
74C 2524-2525R	Cudjoe Key N. Point	- 0.04 LW	
74C 2526-2527R	Big Spanish Key	- 0.05 LW	
74C 2571-2574R	Content Key	0.00 LW	
74C 2860R	Big Spanish Key	+ 0.23 LW	
74C 2227-2228R	Cudjoe Key	- 0.08 HW	
74C 2555-2556R	Content Key	- 0.11 HW	
74C 2264R	Big Spanish Key	- 0.21 HW	
74C 2313R	Big Spanish Key	- 0.18 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-00475

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. DiMare ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	3/77
3. VERTICAL CONTROL	RECOVERED BY J.D. Di Mare ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	3/77
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY 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 <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	74C7526	NO 3 1970

3. PHOTO NUMBERS (Clarification of details)

74C 7426, 7526; 74CR 2524 thru 2526, 2571 and 2573

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

No landmarks were located on this map. Six (6) nonfloating aids were located by field methods.

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.

2 pages T-2 cuts to aids

NOAA FORM 76-36C
(3-72)

RECORD OF SURVEY USE

TP-00475

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Office - Class III	6/10/76	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
		6/77	One(1) digitized Form 76-40 submitted for final report.

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 6/77
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

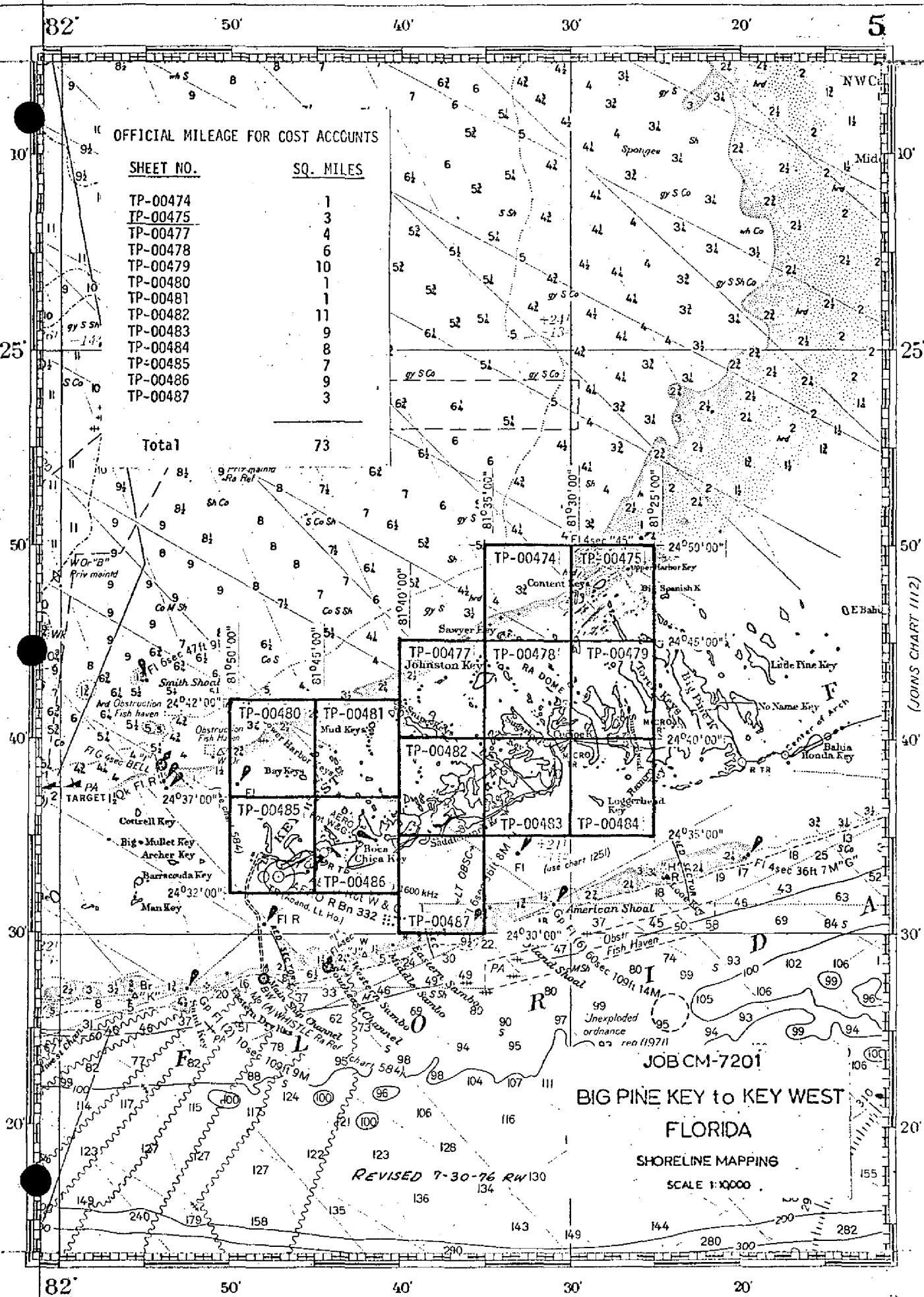
1. ☒ BRIDGING PHOTOGRAPHS; ☐ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.
2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:
4. ☐ DATA TO FEDERAL 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	

1
3
4
6
10
1
1
11
9
8
7
9
3

73



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

Coastal Zone Map TP-00475 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

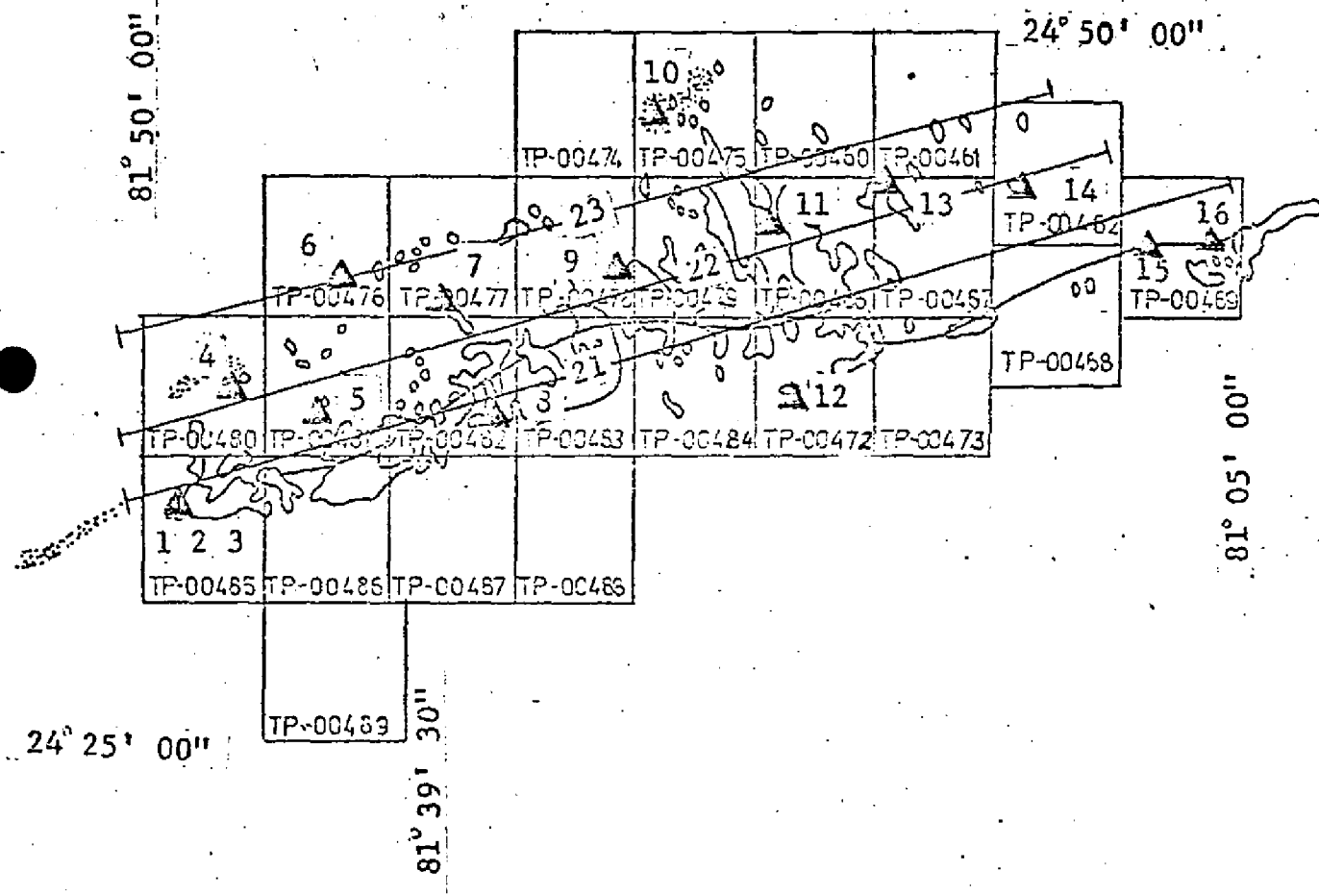
Approved and Forwarded:

John D. Perrow Jr.

John D. Perrow, Jr.

Chief, Aerotriangulation Section

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



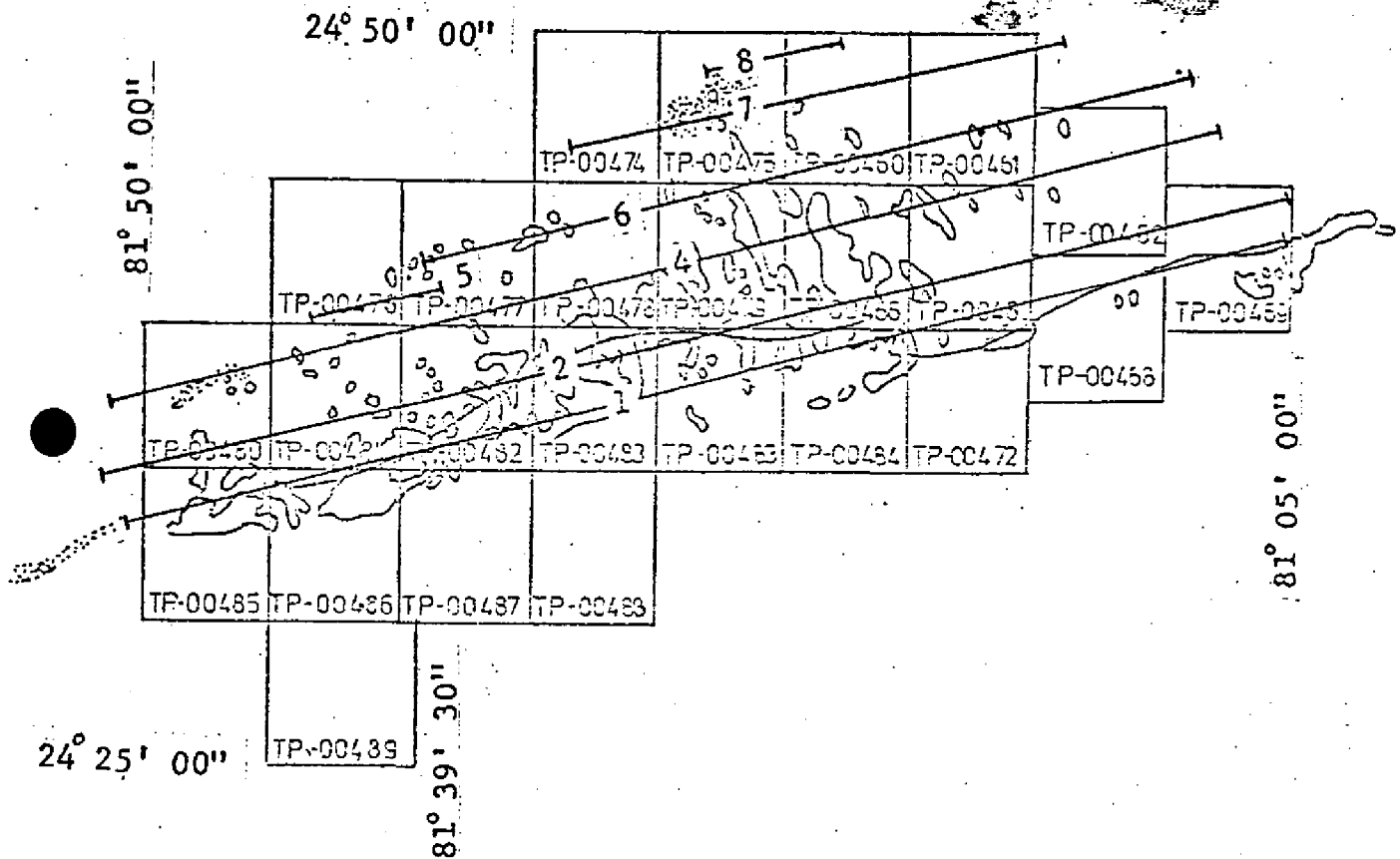
INDEX TO STRIPS OF PHOTOGRAPHS

21	74C(c)	8113-8141	Renumbered	101-114
22	"	8032-8108	"	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)

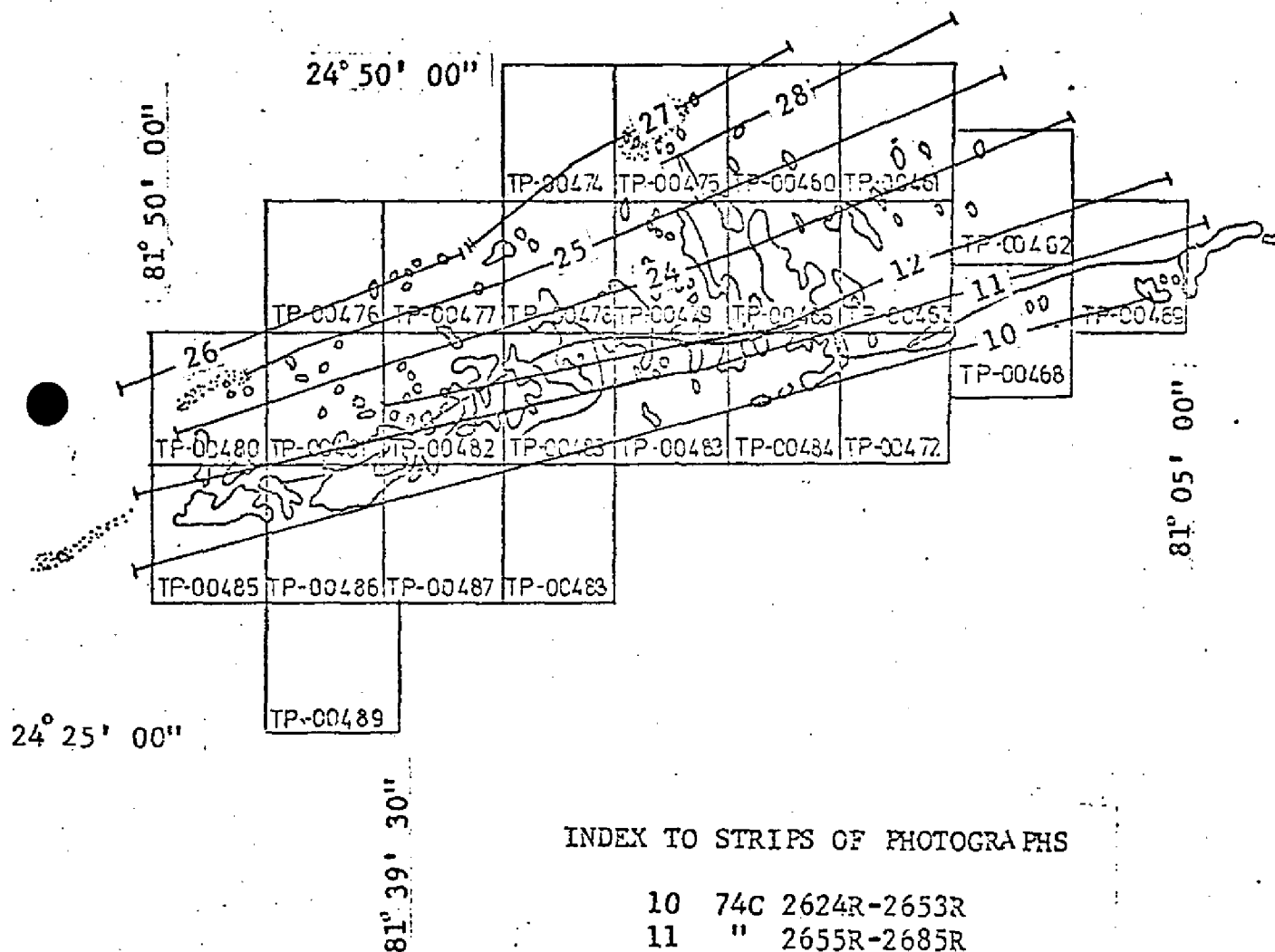
JOB CM-7201
 BOOT KEY TO KEY WEST
 FLORIDA
 SHORELINE MAPPING
 COMPILATION PHOTOGRAPHY



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

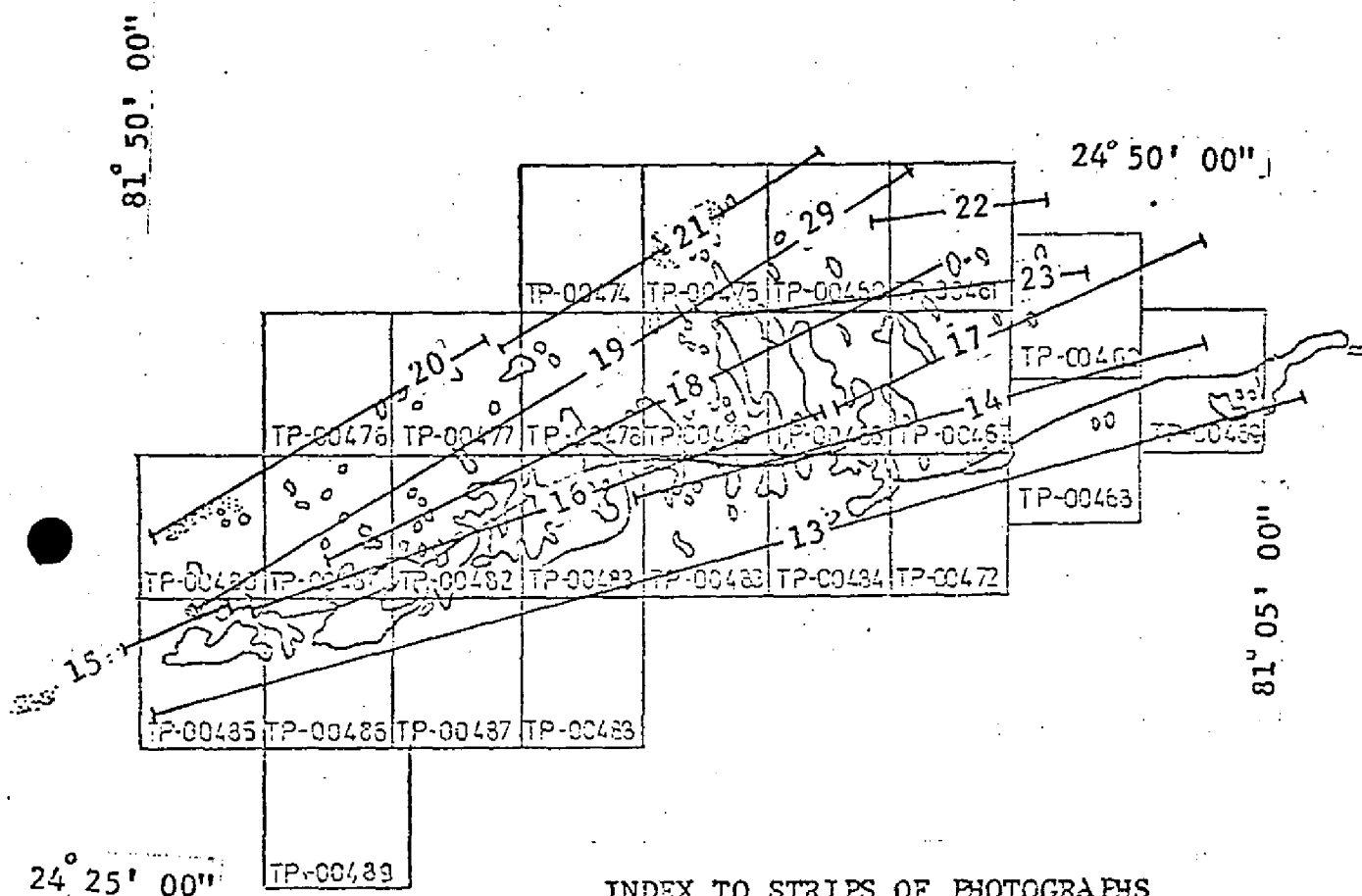
JOB CM-7201
BOOT KEY TO KEY WEST
FLORIDA
SHORELINE MAPPING
MEAN LOW WATER PHOTOGRAPHY



INDEX TO STRIPS OF PHOTOGRAPHS

10	74C	2624R-2653R
11	"	2655R-2685R
12	"	2744R-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-2353R
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-00475

Station	NOS Geodetic Data Reference for Descriptions, Positions, Coordinates and Azimuths
CONTENT 2, 1935 ✓	Book 426, P. 5, 34; GP 420 Fla. Vol. 1; PC 107 Fla. E Zone
HARBOR 2, 1935 ✓	Book 426, P. 5, 36; GP 420 Fla. Vol. 1; PC 107 Fla. E Zone
HOW, 1935 ✓	Book 426, P. 5, 36; GP 441 Fla. Vol. 1; PC 115 Fla. E Zone
TENT, 1935 ✓	Book 426, P. 5, 45; GP 440 Fla. Vol. 1; PC 114 Fla. E Zone
WATER KEY, 1935 ✓	Book 426, P. 5, 49; GP 327 Fla. Vol. 1; PC 80 Fla. E Zone

J.F.V.

Compilation Report

TP-00475

June 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, cultural shoreline, 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.

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

32. Horizontal Control

Horizontal control was adequate (see Photogrammetric Plot Report).

33. Supplemental Data - None.34. Contour and Drainage

Contours are not applicable. Ponds and drains 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 were located photogrammetrically during compilation. All landmarks or aids to navigation will be located or verified 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 requirement for the Florida Coastal Mapping Program as outlined by the Project Instructions for Job PH-7000.

41 thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with the following USGS quadrangle:

Content Keys, 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:

J. E. Schad

J. E. Schad

Approved by:

John P. Battley Jr.

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

September 1979

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7201 (Florida Keys)

TP-00475

Content Keys

Content Passage

Cutoe Bank

Cutoe Key

Great White Heron National Wildlife Refuge

Gulf of Mexico

Harbor Channel

Howe Key

Howe Key Mangrove


National Key Deer Refuge

Raccoon Key

Upper Harbor Key

Water Keys

Approved


Charles E. Harrington
Chief Geographer, C3x5

FIELD EDIT REPORT TP-00475, JOB CM 7201

51. METHODS

The shoreline was inspected from a small boat while cruising just off shore. Most of the shoreline is apparent except for an area on the north side of Content Key. The MLW was inspected near MLW, however due to the water being shallow, some areas were sounded from tidal bench marks in the area.

- ✓ Five triangulation stations were recovered.
- ✓ There are no landmarks.
- ✓ One vertical control station NO 3 1970 was identified. The bench mark data can be found in Quad 240811 on page 24.
- ✓ All known aids were located.
- ✓ Two tidal stations fall within this manuscript.

<u>Station</u>	<u>Bench Mark</u>	<u>Photograph</u>
✓ Howe Key, Northeast Point	HOW, 1935	74C7426
✓ Content Key, Gulf of Mexico	NO 3 1970	74C7526

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

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

Robert R. Wagner
Robert R. Wagner
Chief, Photo Party 66

3/21/77

✓ FV

Review Report
TP-00475
September 1979

61. General

The map manuscript for Coastal Zone Map TP-00475 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

62. Cartographic Comparison

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

Content Keys, Fla., 1972

No significant changes were found. Comparison was made with Chart 11448, 9th Edition, dated June 23, 1979.

Coastal Zone Map TP-00475 shows areas of coral north of Content Keys while chart 11448 show these areas as mean low water.

The following features shown on Chart 11448 and not on TP-00475 were investigated by field edit. A copy of the field editors note is attached to the Chart Maintenance Print:

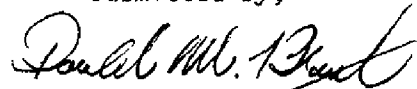
	<u>Latitude</u>	<u>Longitude</u>	<u>Reported</u>
Markers	24° 47.8'	81° 25.2'	Not located less than 4"x4"
Rocks	24° 46'	81° 29.6'	No rocks - Bottom visible in part only
Rocks	24° 46.2'	81° 27.2'	No rocks - Bottom rocky

63. thru 65. Inapplicable

66. Adequacy of Results and Future Surveys

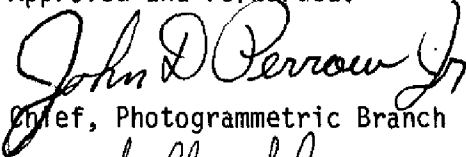
Coastal Zone Map TP-00475 complies with the instructions for NOS Cooperative Boundary Mapping, Job PH-7000 and the National Standards of Map Accuracy.

Submitted by,



Donald M. Brant

Approved and Forwarded:


Chief, Photogrammetric Branch

Chief, Photogrammetry Division

* SVY TP-90475 * NONFLOATING AIDS FOR CHARIS * RPT UNIT CMD ROCKVULLE, MD. * PAGE 1 OF 1 *
 * JOB PH-7201 * TO BE CHARTED * LOCALITY UPPER HARBOR KEY * ORIGINATING ACTIVITY *
 * PRJ 833205 * DATE 06/01/77 * COMPILATION *
 * DTM NA 1927 *

* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *

* CHARTING* RECORD REASON FOR DELETION * POSITION CMD * METHOD AND DATE *
 * NAME * PUT TRIANGULATION NAMES IN () * LATITUDE DM ALTEK* OF LOCATION * CHARIS *
 * * * * LONGITUDE DP DGTDZ* OFFICE * FIELD * AFFECTED *

* * MOSER CHANNEL-HARBOR KEY * * * *
 * * * * * * * *

* DYBN * BIG SPANISH CHANNEL * 24 48 14.08 433.2 * F-P-3-8 * 11442 *
 * 41 * * 81 25 00.73 20.5 * * 02/25/77 * 11448 *

* * BIG SPANISH CHANNEL-KEY WEST * * * *
 * * * * * * * *

* DYBN * HOWE KEY * 24 45 17.40 535.4 * P-L-F-3-6 * *
 * 38 * * 81 25 06.94 195.0 * * 03/16/77 * DITTO *

* DYBN * DITTO * 24 45 34.22 1052.9 * P-L-F-3-6 * DITTO *
 * 40 * * 81 25 34.81 978.0 * * 03/16/77 * DITTO *

* DYBN * DITTO * 24 46 05.36 164.9 * P-L-F-3-6 * *
 * 41 * * 81 26 27.06 760.2 * * 03/16/77 * DITTO *

* DYBN * DITTO * 24 45 57.83 1779.3 * P-L-F-3-6 * *
 * 43 * * 81 26 40.01 1124.1 * * 03/16/77 * DITTO *

* DYBN * WATER KEYS * 24 45 07.35 226.1 * P-L-F-3-6 * *
 * 44 * * 81 26 24.88 699.1 * * 03/16/77 * DITTO *

* * * * * * * *
 * * * * * * * *

* TYPE OF ACTION * NAMES OF RESPONSIBLE PERSONNEL * ORIGINATOR *
 * * * * * * * *

POSITIONS DETERMINED
 AND/OR VERIFIED BY
 FIELD AND OFFICE
 ACTIVITIES
 ROBERT R. WAGNER
 AUGUST M. TOLZMAN
 ALFRED BETHEA
 JAMES H. TAYLOR
 FIELD REPRESENTATIVE
 OFFICE COMPILER
 DIGITIZER
 DATA PROCESSOR

NATIONAL ARCHIVES DATA
For
TP-00475

1 Discrepancy print

1 Field edit sheet

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

1 NOAA Form 76-40 (Nonfloating Aids or Landmarks for Charts)

1 Page cuts

Photography:

74-CR-2524, 2525, and 2526

74-CR-2571, 2572, and 2859

74-CP-7526