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

1974 TO 1977

REGISTRY IN ARCHIVES

DATE

☆ U.S. GOVERNMENT PRINTING OFFICE: 1974-762-901
NOAA FORM 76-36A U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

PHOTOMGRAMMETRIC OFFICE
Rockville, Md.

OFFICER-IN-CHARGE
Cdr. James Collins

I. INSTRUCTIONS DATED

1. OFFICE
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.

2. FIELD
Instructions-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:
   - 1927 NORTH AMERICAN

2. VERTICAL:
   - MEAN HIGH-WATER
   - MEAN LOW-WATER

III. HISTORY OF OFFICE OPERATIONS

<table>
<thead>
<tr>
<th>OPERATIONS</th>
<th>NAME</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. AEROTRIANGULATION</td>
<td>Robert Kelly</td>
<td>Oct. 75</td>
</tr>
<tr>
<td>METHOD: analytic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LANDMARKS AND AIDS BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. CONTROL AND BRIDGE POINTS</td>
<td>J. Taylor</td>
<td>Apr 76</td>
</tr>
<tr>
<td>METHOD:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PLOTTED BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHECKED BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. STEREOSCOPIC INSTRUMENT</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>COMPILATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PLANIMETRY BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHECKED BY</td>
<td></td>
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</tr>
<tr>
<td>INSTRUMENT:</td>
<td></td>
<td></td>
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<tr>
<td>CONTOURS BY</td>
<td></td>
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</tr>
<tr>
<td>CHECKED BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCALE:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. MANUSCRIPT DELINEATION</td>
<td>J. Schad</td>
<td>July 8, 76</td>
</tr>
<tr>
<td>METHOD: Graphic Comp.</td>
<td>C.F. Lewis</td>
<td>Feb. 28, 77</td>
</tr>
<tr>
<td>PLANIMETRY BY</td>
<td></td>
<td></td>
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<tr>
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<td>CHECKED BY</td>
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<tr>
<td>SCALE:</td>
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<tr>
<td>HYDRO SUPPORT DATA BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHECKED BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. OFFICE INSPECTION PRIOR TO FIELD EDIT</td>
<td>C.F. Lewis</td>
<td>Mar 2, 77</td>
</tr>
<tr>
<td>BY</td>
<td></td>
<td></td>
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<tr>
<td>6. APPLICATION OF FIELD EDIT DATA</td>
<td>R. Rich</td>
<td>Mar 31, 77</td>
</tr>
<tr>
<td>CHECKED BY</td>
<td>C.F. Lewis</td>
<td>Apr 25, 77</td>
</tr>
<tr>
<td>7. COMPILATION SECTION REVIEW</td>
<td>C.F. Lewis - J. Schad</td>
<td>June 27, 77</td>
</tr>
<tr>
<td>BY</td>
<td></td>
<td></td>
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<tr>
<td>8. FINAL REVIEW</td>
<td>D. Brant</td>
<td>Sept. 77</td>
</tr>
<tr>
<td>9. DATA Forwarded To PHOTOGRAMMETRIC BRANCH</td>
<td></td>
<td></td>
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<tr>
<td>BY</td>
<td></td>
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<tr>
<td>10. DATA Examined in PHOTOGRAMMETRIC BRANCH</td>
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<tr>
<td>BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. MAP REGISTERED - COASTAL SURVEY SECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BY</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOAA FORM 76-36A SUPERSEDES FORM CG&G 181 SERIES * U.S. G.P.O. 1972-769382/582 REG.#6
1. **Compilation Photography**

<table>
<thead>
<tr>
<th>Camera(s)</th>
<th>Focal Length</th>
<th>Tides and Reference</th>
<th>Types of Photography</th>
<th>Time Reference</th>
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</thead>
<tbody>
<tr>
<td>RC-10</td>
<td>3.5&quot;</td>
<td>Predicted Tides</td>
<td>Color</td>
<td>Eastern</td>
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<tr>
<td></td>
<td></td>
<td>Reference Station Records</td>
<td>Panchromatic</td>
<td>Standard</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tide Controlled Photography</td>
<td>Infrared</td>
<td>Daylight</td>
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</table>

<table>
<thead>
<tr>
<th>Number and Type</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>74 C(C) 7518, 20,22, 24</td>
<td>6 Mar 74</td>
<td>1410</td>
<td>1:30,000</td>
<td>N/A for color photography</td>
</tr>
<tr>
<td>74 C(R) 2552-2554</td>
<td>16 Nov 74</td>
<td>1031</td>
<td>1:30,000</td>
<td>Refer to 76-368(1) for tide information</td>
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<tr>
<td>74 C(R) 2566-2571</td>
<td>17 Nov 74</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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, 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.)*

<table>
<thead>
<tr>
<th>Survey Number</th>
<th>Date(s)</th>
<th>Survey Copy Used</th>
<th>Survey Number</th>
<th>Date(s)</th>
<th>Survey Copy Used</th>
</tr>
</thead>
</table>

5. **Final Junctions**

- **North:** No Contemporary Survey
- **East:** TP-00475
- **South:** TP-00478
- **West:** No Contemporary Survey

**Remarks**

Final junction will be made in the Coastal Mapping Section.
<table>
<thead>
<tr>
<th>LOCATION AND PHOTOGRAPHY</th>
<th>TIDE STATIONS</th>
<th>STAGE OF TIDE</th>
<th>MEAN RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>GULF OF MEXICO</td>
<td>Content Key</td>
<td>Gulf Side</td>
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<tr>
<td>74-C(R) 2568-2571</td>
<td></td>
<td>0.00 LW</td>
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<td>74-C(R) 2552-2554</td>
<td>Content Key</td>
<td>-0.11 HW</td>
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**REMARKS:**
### HISTORY OF FIELD OPERATIONS

**TP-00474**

1. **FIELD INSPECTION OPERATION** *May 1974*  
   **FIELD EDIT OPERATION** *March 1977*

<table>
<thead>
<tr>
<th>OPERATION</th>
<th>NAME</th>
<th>DATE</th>
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</thead>
<tbody>
<tr>
<td>1. CHIEF OF FIELD PARTY</td>
<td>R.R. Wagner</td>
<td></td>
</tr>
<tr>
<td>2. HORIZONTAL CONTROL</td>
<td>J.D. Di Mare</td>
<td>3/77</td>
</tr>
<tr>
<td>3. VERTICAL CONTROL</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>4. LANDMARKS AND AIDS TO NAVIGATION</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>5. GEOGRAPHIC NAMES</td>
<td>J.D. Di Mare</td>
<td>3/77</td>
</tr>
<tr>
<td>6. PHOTO INSPECTION</td>
<td>R.R. Wagner</td>
<td>3/77</td>
</tr>
<tr>
<td>7. BOUNDARIES AND LIMITS</td>
<td>NA</td>
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</tr>
</tbody>
</table>

### SOURCE DATA

1. **HORIZONTAL CONTROL IDENTIFIED**  
   None

2. **VERTICAL CONTROL IDENTIFIED**  
   None

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

- Refer to the Field Report

### OBJECT NAME

5. **GEOGRAPHIC NAMES:**  
   - Report  
   - None

6. **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*
## I. MANUSCRIPT COPIES

<table>
<thead>
<tr>
<th>DATA COMPILED</th>
<th>DATE</th>
<th>REMARKS</th>
<th>DATE MANUSCRIPT FORWARDED</th>
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<tr>
<td>Office-Class III</td>
<td>7/8/76</td>
<td>Special request from Requirements Branch</td>
<td>11/8/76</td>
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## II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>CHART LETTER NUMBER</th>
<th>DATE FORWARDED</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>There are no nonfloating aids or landmarks on this map.</td>
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</table>

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)

<table>
<thead>
<tr>
<th>SECOND EDITION</th>
<th>SURVEY NUMBER</th>
<th>JOB NUMBER</th>
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<th>DATE OF FIELD EDIT</th>
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<tr>
<td>TP</td>
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<table>
<thead>
<tr>
<th>THIRD EDITION</th>
<th>SURVEY NUMBER</th>
<th>JOB NUMBER</th>
<th>TYPE OF SURVEY</th>
<th>DATE OF PHOTOGRAPH</th>
<th>DATE OF FIELD EDIT</th>
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</thead>
<tbody>
<tr>
<td>TP</td>
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<table>
<thead>
<tr>
<th>FOURTH EDITION</th>
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<th>JOB NUMBER</th>
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<tbody>
<tr>
<td>TP</td>
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<tr>
<td>(4)</td>
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</table>
Summary
for
TP-00474 and TP-00475
TP-00477 thru TP-00487

Coastal Zone Map TP-00474 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.
Date: 3 May 1974

From: Chief, Photo Party 65

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

To: Chief, Coastal Surveys Section

All field support for Job CH-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 - Preliminary 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.

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.
Chief, Aerotriangulation Section
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)
INDEX TO STRIPS OF PHOTOGRAPHS

1  74C(c)  8362-8418
2   "    8419-8475
4   "    8274-8328
5   "    8228-8232
6   "    7403-7446
7   "    7518-7544
8   "    7484-7491
<table>
<thead>
<tr>
<th>Station</th>
<th>NOS Geodetic Data Reference for Description, Positions, Coordinates and Azimuths</th>
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</thead>
<tbody>
<tr>
<td>Sawyer 2, 1935</td>
<td>Book 426 P.10 GP-418 Fla., Vol. 1 PC-107 Fla., E. Zone</td>
</tr>
<tr>
<td>Saw, 1935</td>
<td>Book 426 P.10 GP-438 Fla., Vol. 1 PC-113 Fla., E. Zone</td>
</tr>
</tbody>
</table>
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 bottom 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

Approved and Forwarded:

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
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.

<table>
<thead>
<tr>
<th>Station</th>
<th>Bench Mark</th>
<th>Photograph</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sawyer Key</td>
<td>SAWYER 2, 1935</td>
<td>74C7520</td>
</tr>
</tbody>
</table>

- 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 appearing 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.

55. EXAMINATION OF PROOF COPY

Not required.

- Reported to Harrington 4/1/77.

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

[Signature]
Donald M. Brant

Approved and Forwarded:

[Signature]
John D. Perrow Jr.
Chief, Photogrammetric Branch

[Signature]
Chief, Photogrammetry Division
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