TP-00482

TP-00482

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-00482

Classification No. Final *Edition No.* 1

LOCALITY

State Florida

General Locality Monroe County

Locality Saddlebunch Keys

19 74 TO 19 77

REGISTRY IN ARCHIVES

DATE

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

NOAA FORM 76-36A (3-72) — U. S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY: [X] ORIGINAL [ ] RESURVEY [ ] REVISED

SURVEY TP. 00482

MAP EDITION NO. (1)

MAP CLASS Final

JOB PH. CM-7201

PHOTOGRAMMETRIC OFFICE: Rockville, Md.

OFFICER-IN-CHARGE: Cdr. W. Simmons

LAST PRECEEDING MAP EDITION

TYPE OF SURVEY: [ ] ORIGINAL [ ] RESURVEY [ ] REVISED

JOB PH-

MAP CLASS

SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE	2. FIELD
General Instructions-OFFICE-NOS Cooperative Coastal Boundary Mapping, Job PH-7000 December 9, 1975 Supplement I, November 4, 1974 Supplement III, October 24, 1974	Field Instructions - 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: [X] 1927 NORTH AMERICAN — OTHER (Specify)

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

3. MAP PROJECTION: Transverse Mercator

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

5. SCALE: 1:10,000 — STATE; ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic	BY	R.B. Kelly	Oct 75
	LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS METHOD:	PLOTTED BY	J. Taylor	June 76
	CHECKED BY		
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	N/A	
	CHECKED BY		
INSTRUMENT:	CONTOURS BY	N/A	
SCALE:	CHECKED BY		
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	R. Rich	Aug 76
	CHECKED BY	C. Lewis	Aug 76
METHOD: Graphic	CONTOURS BY	N/A	
	CHECKED BY		
SCALE: 1:10,000	HYDRO SUPPORT DATA BY	N/A	
	CHECKED BY		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	J. Battley	July 77
6. APPLICATION OF FIELD EDIT DATA	BY	A.M.Tolzman	July 77
	CHECKED BY	C. Lewis	Aug 77
7. COMPILATION SECTION REVIEW	BY	C. Lewis	Sept. 77
8. FINAL REVIEW	BY	J. Battley	Oct 77
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	D. Brant	April 80
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	R. O. Woefl	APR 16 1981

NOAA FORM 76-36A — SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

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

TP-00482

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S): WILD RC-10C 3.5" focal length

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

TYPES OF PHOTOGRAPHY LEGEND
(C) COLOR
(P) PANCHROMATIC
(I) INFRARED

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

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
74C8310, 12	Mar. 14,'74	2150	1:30,000	The stage of tide is inapplicable for the color photography.
74C8544, 46, 48	Mar. 16,'74	2048	1:30,000	
74C8435, 37, 39	Mar. 16,'74	2018	1:30,000	
74C8398, 8400, 02	Mar. 16,'74	1756	1:30,000	
74C(R) 2220, 21	Nov. 10,'74	1230	1:30,000	Refer to 76-36B(1) for tide information.
2292,93,94, 95	Nov. 11,'74	1334	1:30,000	
2336, 37	Nov. 12,'74	0955	1:30,000	
2459-61	Nov. 12,'74	1451	1:30,000	
74C(R) 2662-65	Nov. 22,'74	0950	1:30,000	
REMARKS 2764-66	Nov. 22,'74	1116	1:30,000	
2776-78	Nov. 22,'74	1146	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-00477	TP-00483	TP-00487	TP-00481

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 - 00482

LOCATION AND PHOTOGRAPHY	TIDE STATIONS *(In operation at time of photography)*	STAGE OF TIDE	MEAN RANGE
SADDLEBUNCH KEYS TO BIG COPPITT KEY			
74C(R) 2220-21	Inner Narrows	-0.04 MHW	1.61
2292	Big Coppitt Key	+0.19	1.16
2292, 94, 95	Inner Narrows	0.00	1.61
2336, 37	Key West, White Star Pier	+0.08	1.43
2459	Sugarloaf Sound	+0.05	0.22
74C(R) 2460, 61	Shark Key	+0.23 MHW	0.71
74C(R) 2662-64	Shark Key	+0.02 MLW	0.71
2665	Sugarloaf Sound	+0.10	0.22
2764	Sugarloaf Sound	+0.09	0.22
2765-66	Shark Key	+0.02	0.71
74C(R) 2776-78	Mud Key	+0.15 MLW	1.90

REMARKS:

2B

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SURVEY
Rockville, Md. 20852

July 7, 1980 OA/C233:JRH

TO: OA/C34 - Walter S. Simmons WSS

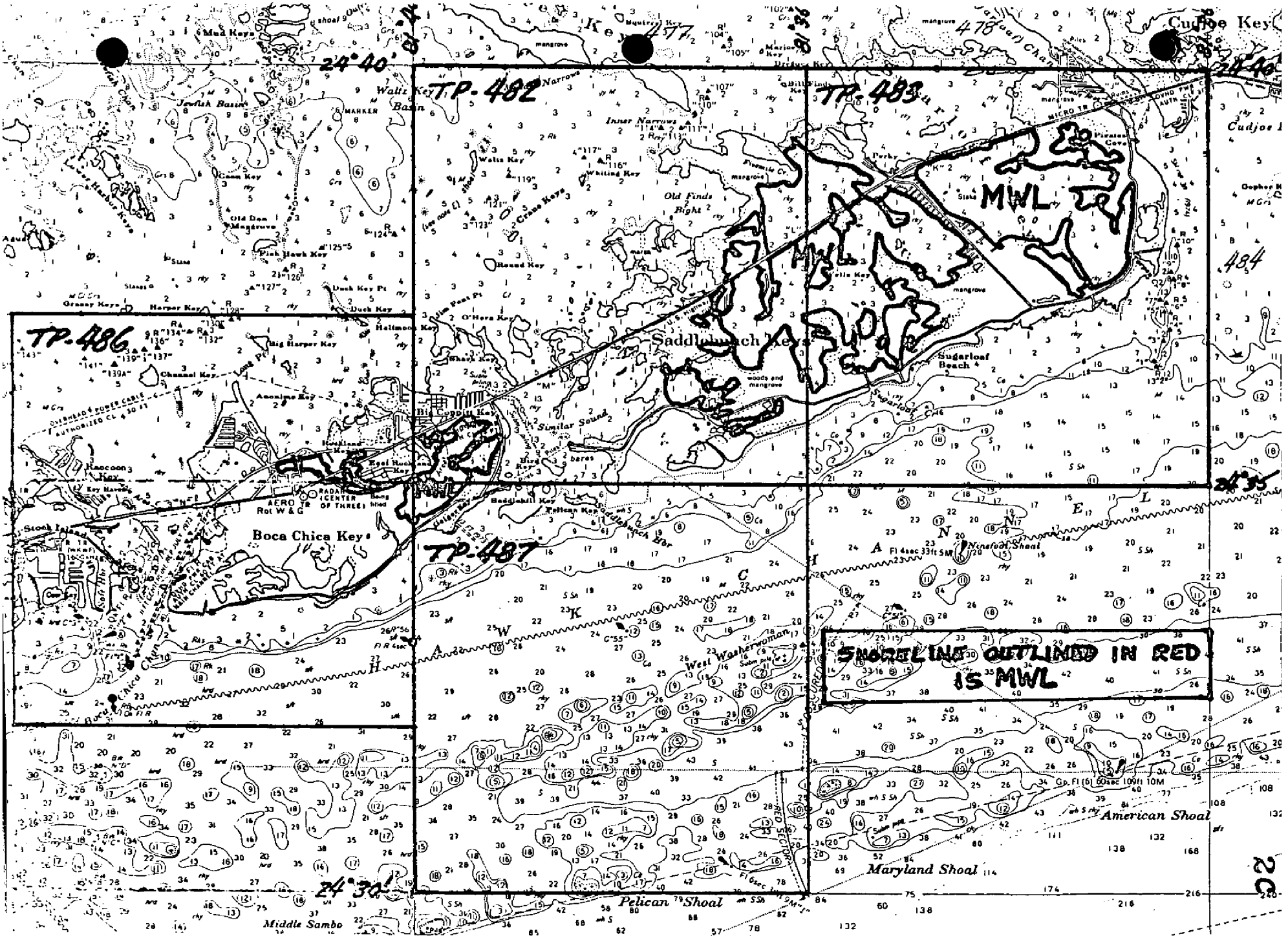
FROM: OA/C233 - James R. Hubbard JRH

SUBJECT: Mean Water Level Datum, Florida Keys

The tidal characteristics in the majority of the area outlined on the attached sketch, which includes portions of TP 482, TP 483, TP 486, TP 487 have been determined to be mean water level. However, tide range was observed at the following locations:

Station Number	Station Location	Lat.	Long.	Mean Range
872 4353	Perky Lake, Sugarloaf Key, FL	24°39.3'	81°32.4'	0.4 ft.
872 4405	Saddlebunch No.3 Channel, FL	24°37.4'	81°36.2'	0.6 ft.

Attachment


TP-482
TP-483
TP-486
TP-487
MWL
SNORKELING OUTLINED IN RED IS MWL
Saddlebunch Keys
Boca Chica Key
Sugarloaf Beach
Ninefoot Shoal
American Shoal
Maryland Shoal
Pelican Shoal
Middle Sambo
Cudjoe Key
24°40'
24°35'
24°30'

NOAA FORM 76-36C
(3-72)

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

HISTORY OF FIELD OPERATIONS

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

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY			
2. HORIZONTAL CONTROL	RECOVERED BY	R.R. Wagner	
	ESTABLISHED BY	J.D. Di Mare	6/77
	PRE-MARKED OR IDENTIFIED BY		
3. VERTICAL CONTROL	RECOVERED BY	P.B. Walbolt	6/77
	ESTABLISHED BY		
	~~RECOVERED~~ IDENTIFIED BY	P.B. Walbolt	6/77
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY		
	LOCATED *(Field Methods)* BY	P.B. Walbolt	6/77
	IDENTIFIED BY		
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION: [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [X] NO INVESTIGATION — BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	R.R. Wagner	6/77
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	74 C 8435	U 70 RESET, P 272, N 271, T 70 RESET, P271
		74 C 8546	Q 271, S 70 RESET, R 271, S 271

3. PHOTO NUMBERS *(Clarification of details)*

74 C 8398, 8400, 8402, 8435, 8439, 8544, 8546, 8548

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

There are no landmarks on this map. All known nonfloating aids were either located or verified by Field Edit.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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

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

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS *(Sketch books, etc.* **DO NOT** *list data submitted to the Geodesy Division)*

Refer to Field Report bound with this Descriptive Report

9 pages of cuts to aids

NOAA FORM 76-36C
(3-72)

☆U.S. Government Printing Office: 1975 — 665-661/1110, Region No. 6

NOAA FORM 76-36D
(3-72)

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

RECORD OF SURVEY USE

TP-00482

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Office - Class III	8/27/76	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
		7/28/77	Two (2) digitized Form 76-40 submitted as
			Final Report

2. [X] REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 7/28/77
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:

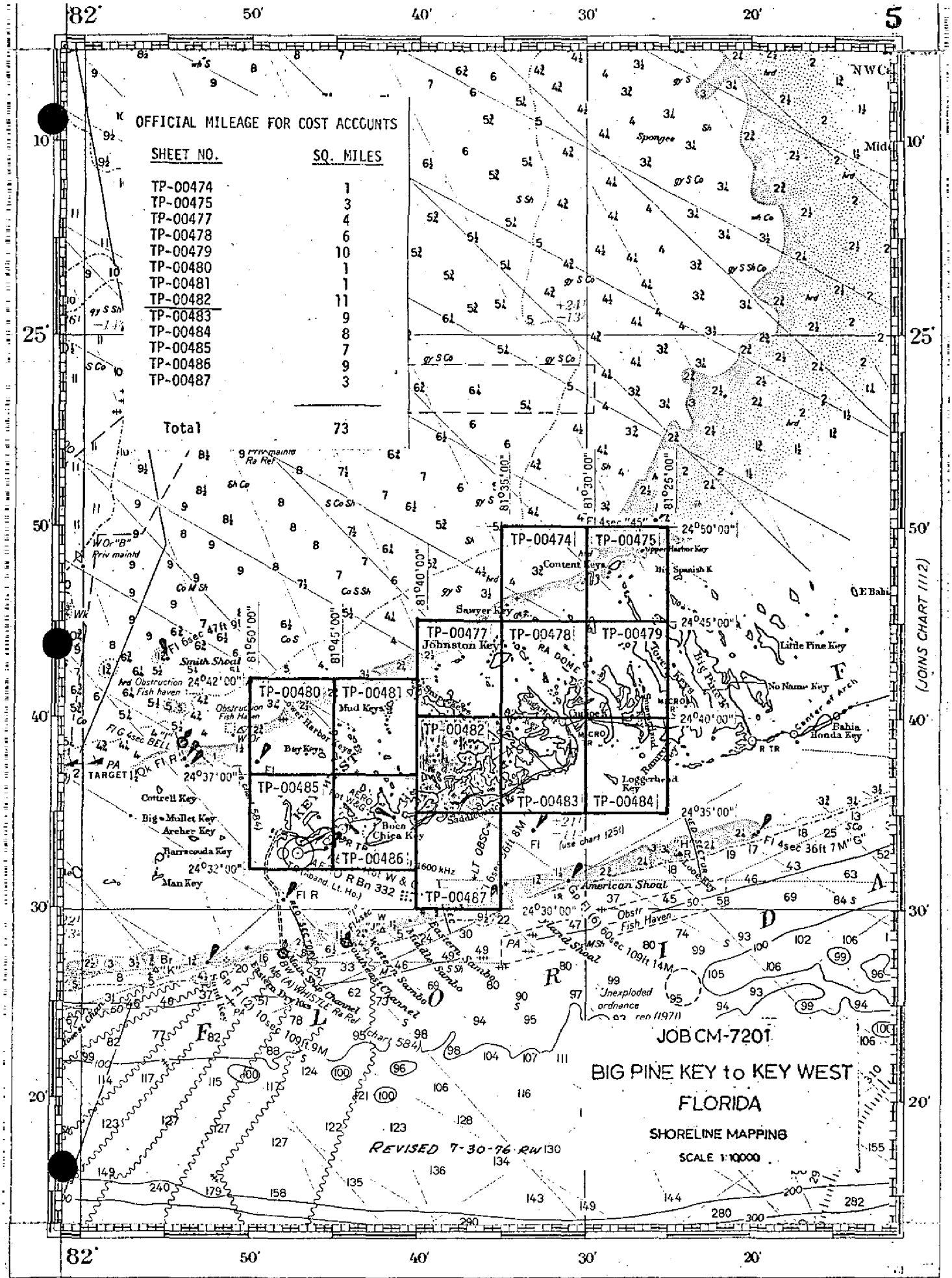
4. [ ] DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

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

NOAA FORM 76-36D

☆U.S. Government Printing Office: 1975 — 665-661/1108, Region No. 6


OFFICIAL MILEAGE FOR COST ACCOUNTS
SHEET NO. SQ. MILES
TP-00474 1
TP-00475 3
TP-00477 4
TP-00478 6
TP-00479 10
TP-00480 1
TP-00481 1
TP-00482 11
TP-00483 9
TP-00484 8
TP-00485 7
TP-00486 9
TP-00487 3
Total 73
TP-00474
TP-00475
TP-00477
TP-00478
TP-00479
TP-00480
TP-00481
TP-00482
TP-00483
TP-00484
TP-00485
TP-00486
TP-00487
JOB CM-7201
BIG PINE KEY to KEY WEST
FLORIDA
SHORELINE MAPPING
SCALE 1:10000
REVISED 7-30-76 RW
(JOINS CHART 1112)

Summary

for

TP-00474 and TP-00475

TP-00477 thru TP-00487

Coastal Zone Map TP-00482 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 photogrphy.

The tidal datum lines (MHW, MLW or MWL) and offshore details were compiled from tide-coordinated, black-and-white infrared photography by graphic methods. This photography was controlled by points determined by aerotriangulation and map detail compiled from the rectified photography. The rectified color or B&W infrared photograpy was also used as an aid to interpret cultural and apparent shoreline. All line work is scribed, approved symbols are shown in the marginal data of this map.

A registration copy of each type map is prepared. It shows additional offshore details such as shoal and shallow lines, useful to the Marine Chart Division, But not required on the Coastal Zone Maps. This copy of the map is labeled "Registration Copy" in the title block and will be registered in the NOS Archives.

The following items for the shoreline type maps will be registered in the NOS Archives:

1. A stable base copy of the Registration Copy.

2. The Descriptive Report.

3. One (1) negative with Reproduction Division and one (1) with the Photo Map and Imagery Information Section.

The following items for the published map will be registered in the NOS Archives:

1. A plastic copy of the published map.

2. A stable base positive copy of the Registration Copy.

3. A continuous tone negative of the orthophotomosaic.

4. The Descriptive Report.

All negatives are filed in the Reproduction Division.

All field records such as field edit sheets, discrepancy prints, field edit data, and control forms are filed in the National Archives.

Original

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SURVEY

Date: 3 May 1974

From: Chief, Photo Party 65

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

To : Chief, Coastal Surveys Section

All field support for Job CM-7201 was performed in accordance with instructions dated 4 Jan 1974. Sections of the project instructions applicable to field support furnished by Photo Parties 60 and 65 are discussed below:

Section 5 - Horizontal Control
.01 All control stations shown on the job diagram were recovered except for PIGEON KEY 2. Station MOSER 1935 was used in place of PIGEON KEY 2. Recovery notes for all stations are enclosed.

.03 No new control stations were necessary and none were established.

Section 6 - Premarking of Control
Paragraphs .01 thru .05 were complied with except as noted below:

The station KEY WEST NAVAL MONUMENT was not paneled because it is photoidentifiable without the panel.

Section 7 - Control Station Identification Card
Paragraphs .01 thru .04 were complied with fully. Control station identification cards are enclosed.

Sections 8, 9, 10, and 11 - Tide Stations, Tolerance, Dates of Favorable Tides, and Tide Observations and Records
Since the tide coordinated photography was cancelled due to insufficient tidal data, these sections were not applicable.

Section 13 - Foreshore Profiles
This section also not applicable due to cancellation of tide coordinated photography.

Section 14 - Time
No staff observations were taken because no tide coordinated photography was flown.

Section 15 - Communications
This section was complied with fully.

Section 17 - Report
This report and all field records are being forwarded.

Max M. Ethridge

Lt. Max M. Ethridge, NOAA
Chief, Photo Party 65

PHOTOGRAMMETRIC PLOT REPORT
Boot Key to Key West, Florida
Job PH-7201
October 1975

21. Area Covered

This report covers twenty-five 1:10,000 sheets, TP-00474 thru TP-00489, TP-00460 thru TP-00462, TP-00466, TP-00467, TP-00468, TP-00472, and TP-00473, from Boot Key to Key West, Florida.

22. Method

Three strips of 1:60,000 photography were bridged by analytic aerotriangulation methods and adjusted to ground on the Florida State Plane Coordinate System, East Zone. The three strips were also adjusted as a block. The attached four sketches shows the placement of horizontal control, closures to control used in the block adjustment, mean high and mean low water photography, and photography to be used for compilation. Bridge points were drilled on the 1:30,000 scale color photography and measured on 1:60,000 color bridging photography to control the setting of models on the B-8 for compilation. Bridge points were also pricked on the infrared photography and measured on the 1:60,000 color bridging photography for ratioing photographs to be used in the compilation of the mean high and mean low water line.

23. Adequacy of Control

The horizontal control provided was adequate except for DUCK 2, 1937 Substitute Station and DUCK 2, 1937 ARRAY (panel). These two stations held the same in the block adjustments as they did in the strip adjustment with 15 feet error in the Y direction. There was no apparent reason for the error. All other control held within the accuracy required by National Standards of Maps. Accuracy at 1:10,000.

24. Supplemental Data

Local shoreline was used to provide elevations for vertical adjustments of the bridges.

25. Photography

RC-8 color film positives were adequate as to coverage, overlap, and definition.

Submitted by,

Robert B. Kelly

Approved and Forwarded:

John D. Perrow Jr.

John D. Perrow, Jr.
Chief, Aerotriangulation Section

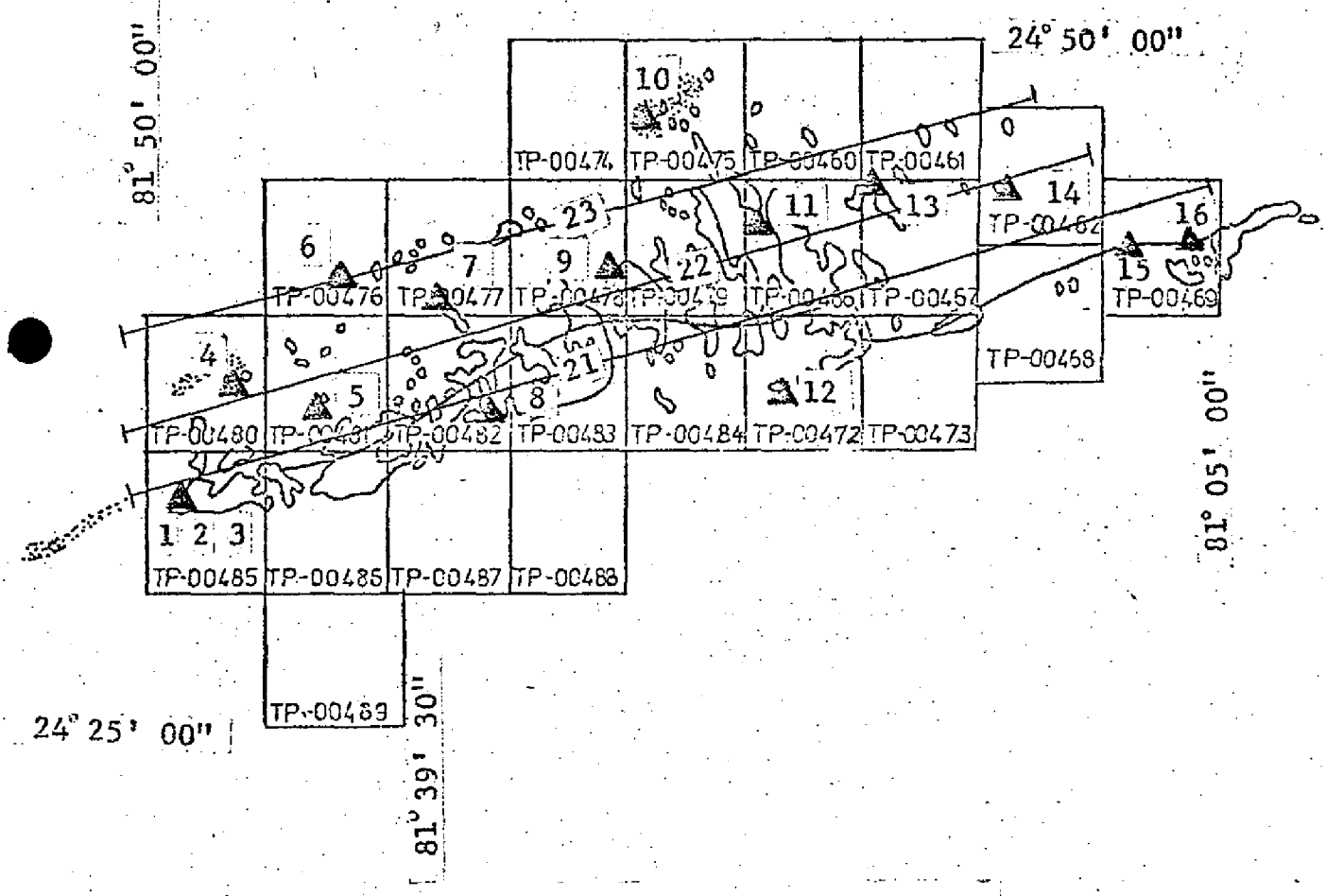
JOB CM-7201

BOOT KEY TO KEY WEST

FLORIDA

SHORELINE MAPPING

BRIDGING PHOTOGRAPHY



INDEX TO STRIPS OF PHOTOGRAPHS

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

CLOUSURES TO CONTROL (BLOCK ADJUSTMENT)

1	Key West Naval Monument	(3.314,-1.519)
2	Key West Naval Station Tank, 1956	(0.003, 0.000)
3	Key West Lighthouse, 1849	(-2.592,-0.574)
4	Bay Key, 1934 Sub. Sta. 1	(1.309,-0.804)
5	Channel Key 2, 1934	(-1.066, 0.413)
6	Mud Key 2, 1934	(-1.631,-0.194)
7	Pek, 1934	(-0.056, 0.039)
8	Bunch, 1934	(-1.207, 1.886)
9	Cud, 1934	(-0.125,-0.134)
10	Content 2, 1935	(0.046, 0.286)
11	Pinkey, 1935	(0.180, 0.617)
12	Newfound, 1920	(0.020,-0.384)
13	Span, 1935	(0.046,-0.016)
14	Trade, 1935 Sub. Sta. 1	(-0.043,-0.001)
15	Moser, 1935 Sub. Sta. 1	(-0.210, 0.256)
16	Knight 2, 1936	(-0.499,-0.718)

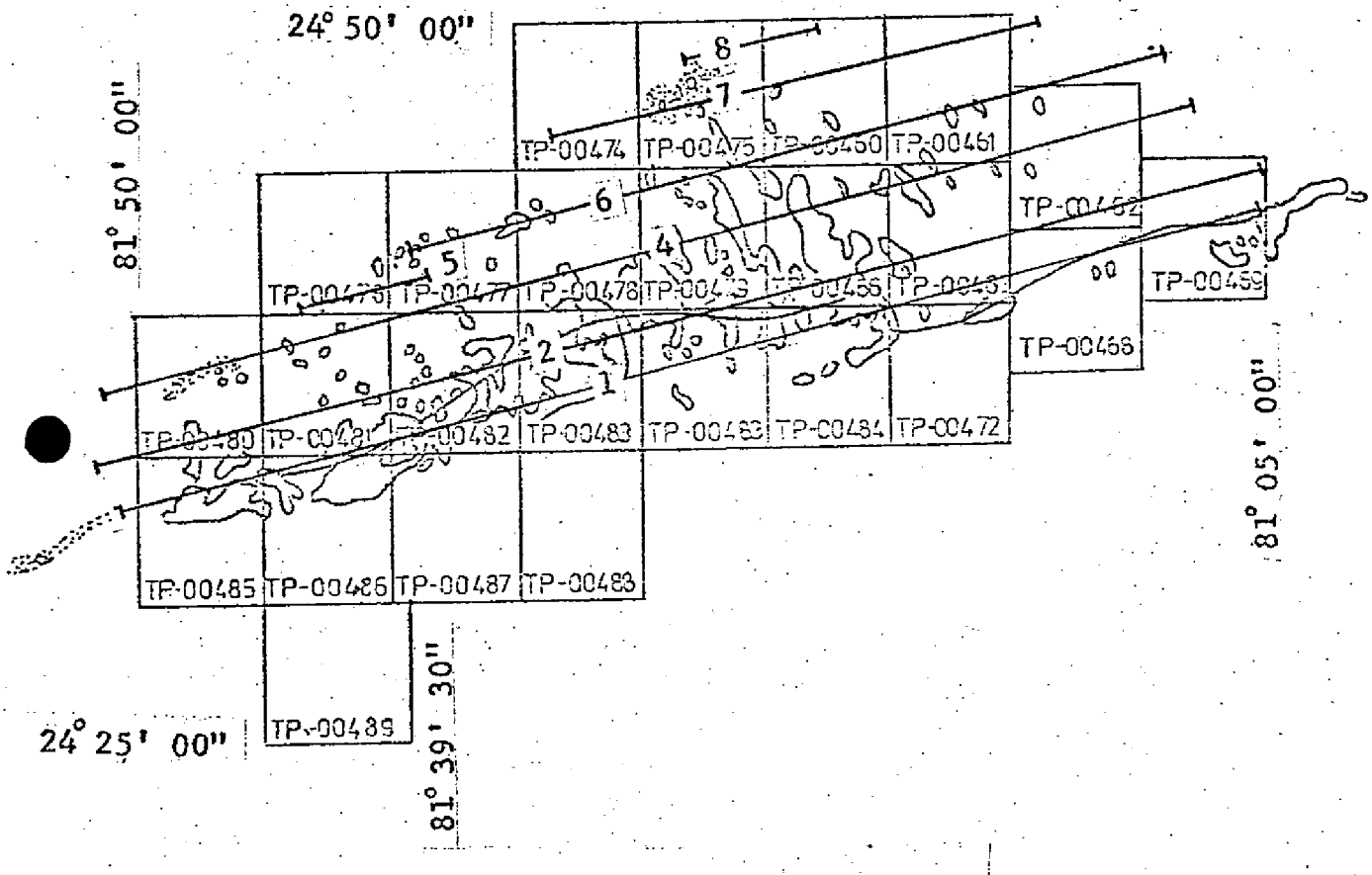
JOB CM-7201

BOOT KEY TO KEY WEST

FLORIDA

SHORELINE MAPPING

COMPILATION PHOTOGRAPHY



INDEX TO STRIPS OF PHOTOGRAPHS

1	74C(c)	8362-8418
2	"	8419-8475
4	"	8274-8328
5	"	8228-8232
6	"	7408-7446
7	"	7518-7544
8	"	7484-7491

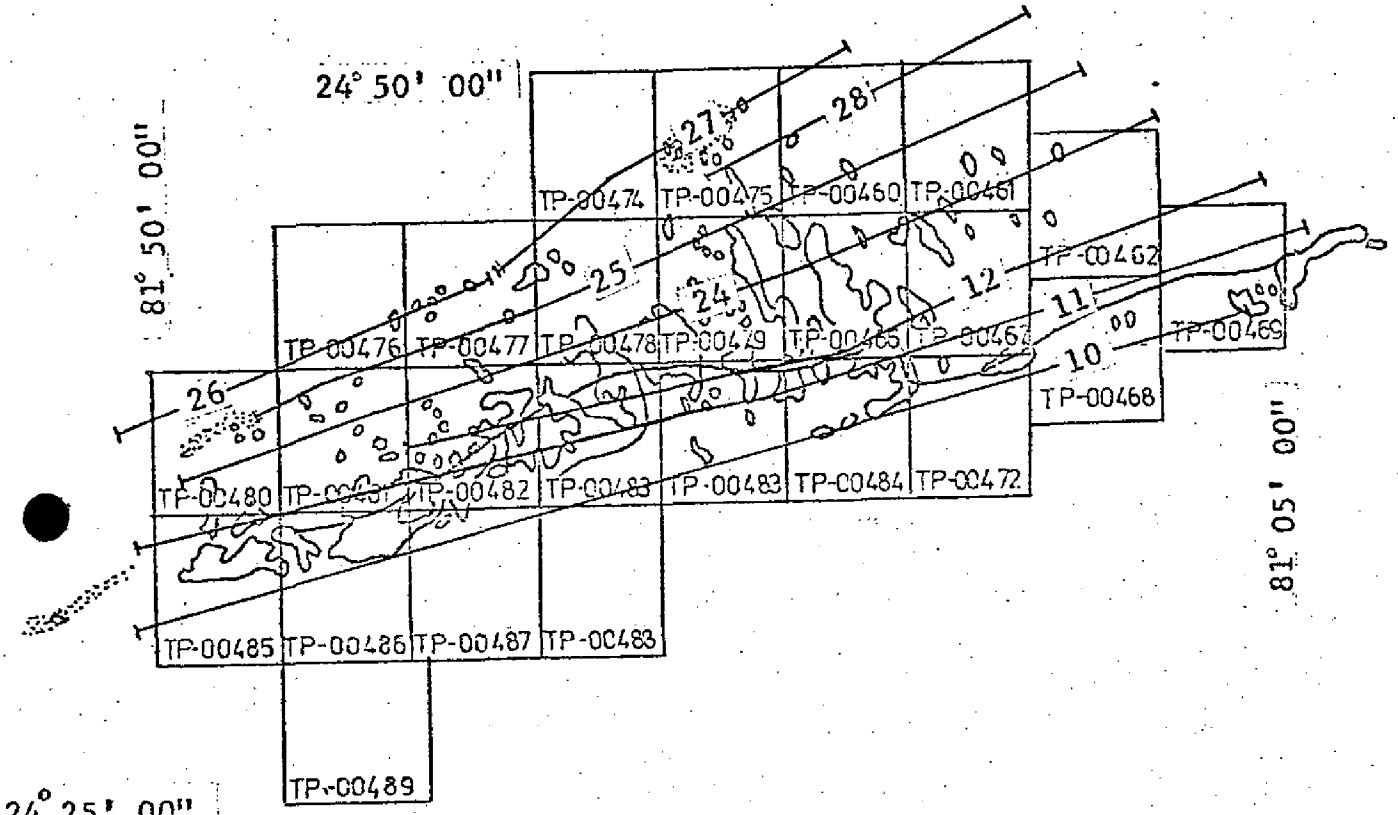
JOB CM-7201

BOOT KEY TO KEY WEST

FLORIDA

SHORELINE MAPPING

MEAN LOW WATER PHOTOGRAPHY



INDEX TO STRIPS OF PHOTOGRAPHS

10	74C	2624R-2653R
11	"	2655R-2685R
12	"	2744R-2767R
24	"	2769R-2795R
25	"	2846R-2868R
26	"	2823R-2833R
27	"	2566R-2576R
28	"	2524R-2532R

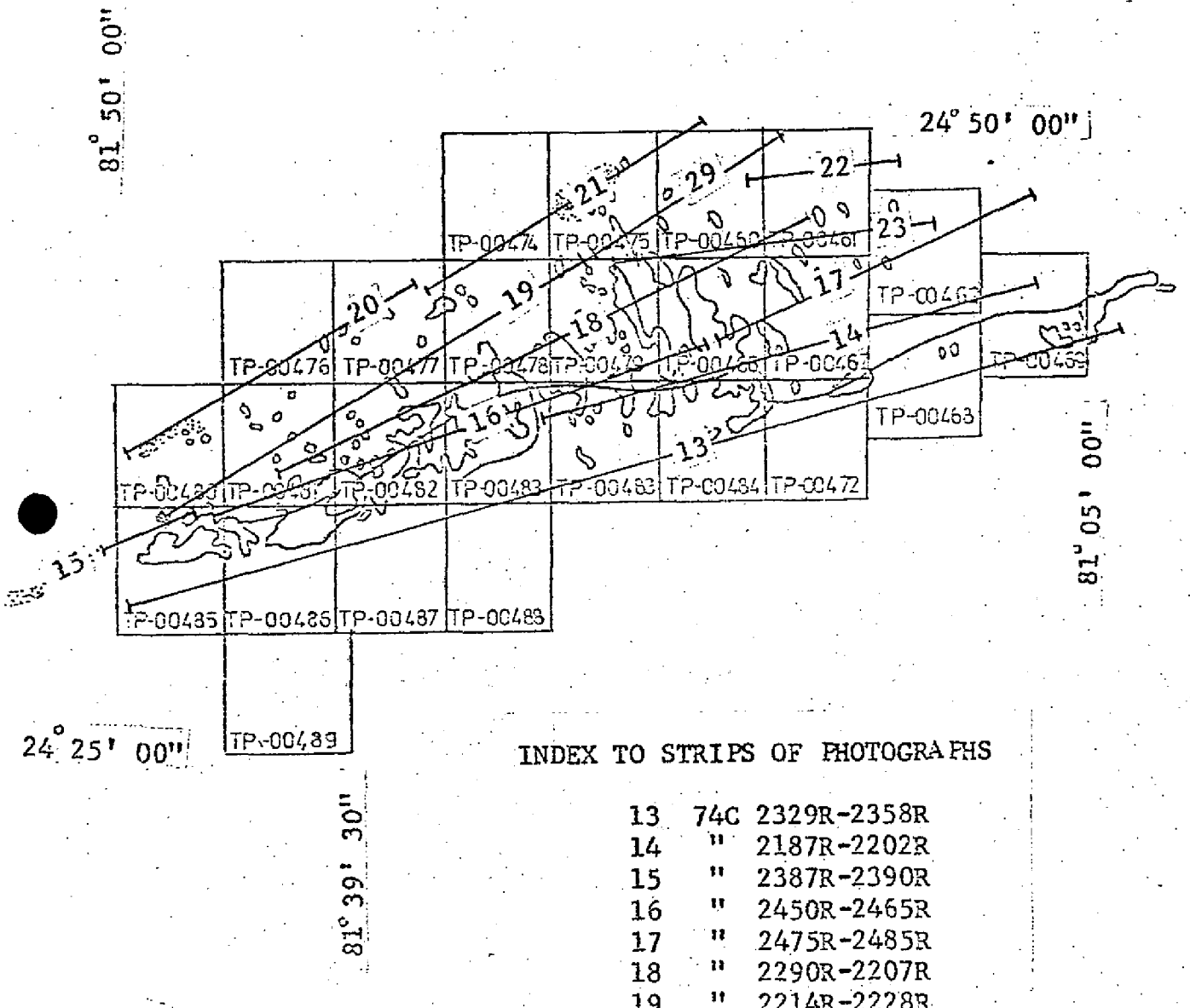
JOB CM-7201

BOOT KEY TO KEY WEST

FLORIDA

SHORELINE MAPPING

MEAN HIGH WATER PHOTOGRAPHY



INDEX TO STRIPS OF PHOTOGRAPHS

13	74C	2329R-2358R
14	"	2187R-2202R
15	"	2387R-2390R
16	"	2450R-2465R
17	"	2475R-2485R
18	"	2290R-2207R
19	"	2214R-2228R
20	"	2510R-2519R
21	"	2550R-2559R
22	"	2246R-2250R
23	"	2313R-2322R
29	"	2259R-2265R

FLORIDA– NOAA Coastal Boundary Mapping Program

Horizontal Control Map TP– 00482

Station	NOS Geodetic Data Reference for Description, Positions, Coordinates and Azimuths
BIG, 1935	Book 426, P. 12, 25, 33; GP 434 Fla. Vol. 1; PC 112 Fla. E Zone
BUN, 1934	Book 426, P. 12, 34; GP 434 Fla. Vol. 1; PC 112 Fla. E Zone
BUNCH, 1935	Book 426, P. 8, 34; GP 328 Fla. Vol. 1; PC 81 Fla. E Zone
HALF MOON KEY 2, 1935	Book 426, P. 12; GP 419 Fl_a. Vol. 1; PC 107 Fla. E Zone
O'HARA, 1934	Book 426, P. 12; GP 434 Fla. Vol. 1; PC 112 Fla. E Zone
SADBUN, 1935	Book 426, P. 11, 12; GP 419 Fla. Vol. 1; PC 107 Fla. E Zone
WALL KEY 2, 1934	Book 426, P. 11, 24, 45; GP 419 Fla. Vol. 1; PC 107 Fla. E Zone
DUG, 1935	Book 426, P.11, 35, GP-419, PC 107 Fla. E Zone

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 [redacted] 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:
Boca Chica,1971;1;24,000 scale
Saddlebunch,1972;1:24,000 scale
Snipe Keys, 1972;1:24,000 scale
Sugarloaf Keys;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 Edition., June 28,1975.,1:40,000

Items to be Applied to Nautical Charts Immediately: None

Items to be Carried Forward: None

Submitted by
R.D.RICH

Approved:
for
Jeter P.Battley,Jr.
Chief,Coastal Mapping Section

21 April 1976

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7201 (Florida Keys)

TP-482

Bay Point

Big Coppitt Key

Bill Finds Key

Bird Key

Crane Keys

East Rockland Key

Fivemile Creek

Geiger Key

Great White Heron National Wildlife Refuge

Halfmoon Key

Inner Narrows

Jim Pent Point

Little Sandy Keys

Lower Sugarloaf Channel

Lower Sugarloaf Sound

Middle Narrows

O Hara Key

Old Finds Bight

Rockland Channel

Round Key

Saddlebunch Harbor

Saddlebunch Keys

Saddlebunch No 5 Channel

Saddlebunch No 4 Channel

Saddlebunch No 3 Channel

Saddlebunch No 2 Channel

Shark Channel

Shark Key

Similar Sound

Snipe Keys

Waltz Key

Waltz Key Basin

Wells Key

Whiting Key

Approved

Chas. E. Harrington

Chas. E. Harrington
Staff Geographer - C51x2

FIELD EDIT REPORT TP-00482, JOB CM-7201

51. METHODS

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

Seven triangulation stations were recovered. Triangulation station O'HARA 1934 should be plotted as it is a tidal bench mark.

Nine vertical control stations were recovered and identified.

There are no landmarks.

All known aids that were in place were located.

Fourteen tidal stations fall on this manuscript.

Station	Bench Mark	Photograph
Saddlebunch Key	NO 5	74C8546
Saddlebunch No. 2 Channel	R 271	74C8546
Inner Narrows	DUG RM 1 1934	74C8544
Saddlebunch No. 4 Channel	Q 271	74C8546
Saddlebunch No. 5 Channel	P 271	74C8435
Similar Sound	NO 2	74C8402
Waltz Key	WALL KEY 2 1934	
O'Hara Key (North Point)	O'HARA 1934	74C8435
Big Coppitt Key	NO 2	74C8435
Shark Key	N 271	74C8435
Bird Key	NO 2	74C8402
Geiger Key	NO 4	74C8435
Sugarloaf Sound	NO 1	74C8546
Saddlebunch No. 3 Channel	S 70 RESET	74C8546

Tide gage Inner Narrows tidal Bench Mark DUG RM 1 1934 not identified on photograph. The position should be computed and plotted.

Waltz Key tide gage location was not submitted to the field office and the position of the gage should be located in the Rockville office.

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.

6-20-77

53. MAP ACCURACY

No test required.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Not required.

Submitted

Robert R. Wagner 6/10/77

Robert R. Wagner
Chief, Photo Party 66

Review Report

TP-00482
April 1980

61. General

Coastal Zone Map TP-00482 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 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

It was determined by the Tidal Datums and Information Branch that portions of TP-00482 are in the mean water level datum. A sketch showing these areas of mean water level is bound with this descriptive report.*

* See Page 2B & 2C.

62. Cartographic Comparison

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

Boca Chica Key, Fla., 1972
Saddlebunch Keys, Fla., 1972
Sugarloaf Key, Fla., 1972
Snipe Keys, Fla., 1972

No significant differences were found.

Comparison was made with the follow NOS chart:

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

No significant differences were found.

63. thru 65. Inapplicable

66. Adequacy of Results and Future Surveys

Coastal Zone Map TP-00482 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

76-40 LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB VERSION 770818

SVY	TP-00482		RPT UNIT	CMD, ROCKVILLE, MD.	PAGE 1 OF 2
JOB	PH-7201	NONFLOATING AIDS FOR CHARTS	STATE	FLORIDA	
PRJ	833205	TO BE CHARTED	LOCALITY	SADDLEBUNCH KEYS	ORIGINATING ACTIVITY
DTM	NA 1927		DATE	07/28/77	COMPILATION

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

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
	BIG SPANISH CHANNEL - KEY WEST						
DYBN 107	SNIPE KEYS	24 39 43.47 81 36 16.40	1337.5 461.1			P-L-3-8 06/01/77	11445
DYBN 108	NOT IN PLACE	00 00 00.00 00 00 00.00	0.0 0.0	NOT DGTZD		V-VIS 06/01/77	DITTO
DYBN 110	AID DESTROYED AFTER LOCATION	00 00 00.00 00 00 00.00	0.0 0.0	NOT DGTZD		V-VIS 06/01/77	DITTO
DYBN 111	SNIPE KEYS	24 39 19.79 81 36 32.94	608.9 926.3			P-L-3-8 06/01/77	DITTO
DYBN 113	DITTO	24 39 15.52 81 36 36.22	477.5 1018.5			P-L-3-8 06/07/77	DITTO
DYBN 114	DITTO	24 39 16.57 81 36 53.74	509.8 1511.2			P-L-3-8 06/07/77	DITTO
DYBN 116	WHITING KEY	24 38 52.68 81 37 33.61	1620.8 945.2			P-L-3-6 06/02/77	DITTO
DYBN 117	DITTO	24 38 54.52 81 37 50.94	1677.4 1432.5			P-L-3-6 06/02/77	DITTO

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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 PROCESSER

SVY TP-00482		RPT UNIT CMD, ROCKVILLE, MD.	PAGE 2 OF 2	
JOB PH-7201	NONFLOATING AIDS FOR CHARTS	STATE FLORIDA		
PRJ 833205	TO BE CHARTED	LOCALITY SADDLEBUNCH KEYS	ORIGINATING ACTIVITY	
DTM NA 1927		DATE 07/28/77	COMPILATION	

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

CHARTING NAME	DESCRIPTION RECORD / REASON FOR DELETION / PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE / LONGITUDE	DM / DP	CMD ALTEK / DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
DYBN 119	BIG SPANISH CHANNEL - KEY WEST WALTZ KEY	24 38 40.84 81 38 50.18	1256.5 1411.2		P-L-3-8 06/06/77		11445
DYBN 121	DITTO	24 38 24.80 81 39 02.81	763.0 79.0		P-L-3-8 06/06/77		DITTO
DYBN 123	DITTO	24 38 10.04 81 39 14.98	308.9 421.3		P-L-3-8 06/06/77		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 PROCESSER

National Archives Data

for

TP-00482

2 Discrepancy Print (paper copies)

1 Field Edit Sheet (Stable base copy)

2 Forms 76-40 (working copies, Nonfloating Aids or Landmarks for Charts)

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

9 Pages of cuts to aids

Photography: 74 CC 8398, 8400, 8402, 8435
8439, 8444, 8446 and 8447