

12626

thru 12634

12626 thru 12634

Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY DESCRIPTIVE REPORT	
Type of Survey	Chart Topography
Field No.	PH-6408
Office No.	T-12626 thru T-12634
LOCALITY State Florida General locality Florida Bay Locality Cape Sable east to Tavernier Key & south to Sugarloaf Key	
<u>1964-67</u> CHIEF OF PARTY L. F. Woodcock - V. R. Sobieralski Chief, Div. of Photog. Wash., D. C.	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T-12626 thru T-12634

PROJECT NO. (II):

Job PH-6408 ~~Project 21422~~

FIELD OFFICE (II):

Marathon, Florida; Homestead, Florida

CHIEF OF PARTY

W. H. Shearouse

PHOTOGRAMMETRIC OFFICE (III):

Washington Science Center

OFFICER-IN-CHARGE

Capt. L. F. Woodcock

INSTRUCTIONS DATED (II) (III):

Field: April 15, 1964
Supplement 1, January 11, 1965Photo: August 12, 1965
Office: January 14, 1966

METHOD OF COMPILATION (III):

Stereoscopic, B-8 Plotter

MANUSCRIPT SCALE (III):

1:40,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:20,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (IV):

GEOGRAPHIC DATUM (III):

N.A. 1927

VERTICAL DATUM (III):

MEAN SEA LEVEL EXCEPT AS FOLLOWS:

Elevations shown as (25) refer to mean high water

Elevations shown as (5) refer to sounding datum

i.e., mean low water or mean lower low water

REFERENCE STATION (III):

Rabbit Key, 1856 - 1934

LAT.:

24 58'48.847"

LONG.:

80 49'33.455"

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

235,103.80 ft.

x = 557,649.11 ft.

STATE

Florida

ZONE

East

ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE,
OR (IV) WASHINGTON OFFICE.

WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): W. H. Shearouse; R. E. Kesselring		DATE: Aug. 7 1965 to April, 1966
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): November, 1964 (date of photography) Mean high water location by photogrammetric methods in the Compilation Office		
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree		DATE May, 1966
PROJECTION AND GRIDS CHECKED BY (IV): R. Glaser		DATE May, 1966
CONTROL PLOTTED BY (III): R. A. Youngblood H. Lucas		DATE May, 1966
CONTROL CHECKED BY (III): M. Webber D. Barton		DATE May, 1966
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): Part I R. Kelly - G. M. Ball Part II G. M. Ball		DATE March, 1966 May, 1966
STEREOSCOPIC INSTRUMENT COMPILATION (III): M. Webber R. A. Youngblood J. B. Phillips		PLANIMETRY DATE May-Nov. 1966
		CONTOURS DATE
MANUSCRIPT DELINEATED BY (III): M. Webber, R. A. Youngblood, J. B. Phillips		DATE May-Nov. 1966
SCRIBING BY (III): 3 manuscripts T-12628, 12632 & 12633 R. A. Youngblood		DATE Feb-Mar 1968
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): J. P. Battley, Jr.		DATE April 1968
REMARKS: FIELD EDIT BY: W. H. SHEAROUSE 1/8/67 and 5/11/67 REFER TO PAGES 42 thru 45 FOR FIELD EDIT REPORTS		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

RC-8 Camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
SEE ATTACHED LIST				

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Key West, Florida		1.3	1.6
SUBORDINATE STATION: Arsenic Bank	0.46	0.6	0.7
SUBORDINATE STATION: Grassy Key	0.77	1.0	1.2
WASHINGTON OFFICE REVIEW BY (IV):	DATE:		
PROOF EDIT BY (IV):	DATE:		
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 175	RECOVERED: 119	IDENTIFIED: 56*	
NUMBER OF BM(S) SEARCHED FOR (II): None	RECOVERED:	IDENTIFIED	

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

REMARKS:

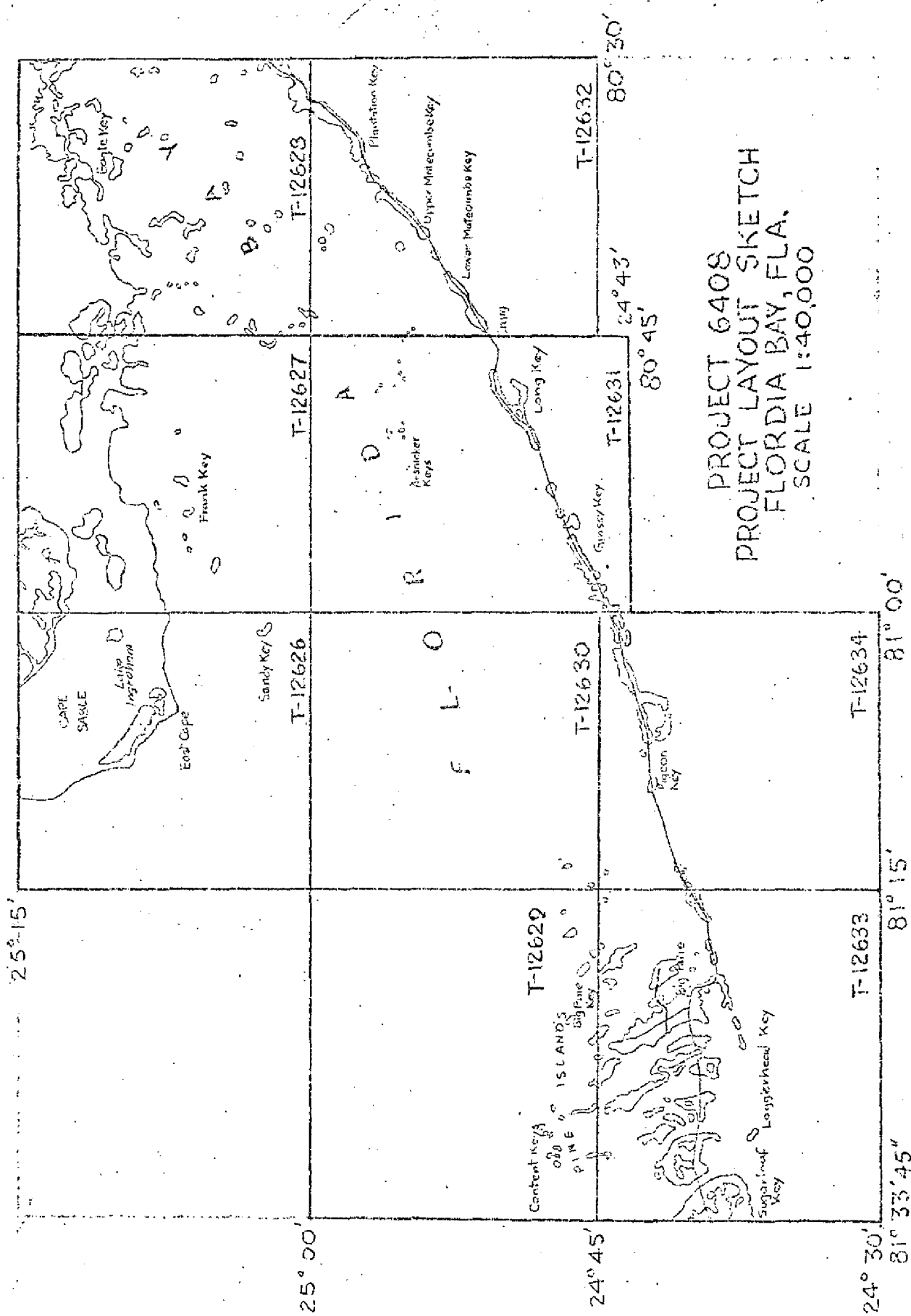
- *T-12629; In addition, two lights(aids to navigation) were marked on photos.
They are triangulation stations
- T-12631; One topo station established by third-order methods, described, marked and identified
- T-12632; Temporary station established by Tellurometer Traverse
- T-12633; Temporary station established by Tellurometer Traverse

Color Photographs (Descriptive Report 181c)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
64W7039-7072	11-10-64	0912-0921	1:40,000	0.1' above MLW
7089-7111	"	0930-0939	"	" " "
7127-7162	"	0948-1000	"	0.0' } ok
7170-7189	"	1007-1018	"	0.0' }
7217-7232	"	1022-1031	"	-0.1' below MLW
7302-7332	"	1223-1235	"	0.3' " "
64W6535-6549	11-6-64	1138-1144	"	-0.1' to 0.0'
6564-6576	"	1148-1200	"	0.0' }
6598-6618	"	1209-1216	"	0.0' } ok
6620-6636	"	1219-1225	"	0.0' }
66S1514-1686	1-17-66	1436-1519	1:20,000	0.9' above MLW

Infrared Photographs:

64S236AR-281AR	11-11-64	1345-1400	1:40,000	-0.2' (below MLW)
283AR-325AR	"	1402-1417	"	"
327AR-369AR	"	1419-1432	"	"
372AR-409AR	"	1436-1448	"	"
411AR-442AR	"	1450-1500	"	"
67S8369-8388R	2-24-67	1414-1421	1:20,000	0.6'-0.9' above MLW
8390R-8415R	"	1428-1435	"	" " "
8417R-8466R	"	1454-1534	1:40,000	" " "
67S8518R-8605R	2-25-67	1204-1246	1:20,000	0.2' above MLW



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SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT
T-12626 THRU T-12634
PH-6408

The nine surveys of this project were compiled to provide new topography for Chart 141 SC and Intracoastal Waterway Charts within the project area. The project includes both basic mapping, (the nine new surveys), and map revisions of the area northeast of the new surveys. This report discusses the nine new surveys only. *

The project area was field inspected from August 1965 to May 1966. Field operations encompassed the establishment of tide staffs to control the time of photography, the location and identification of horizontal control, the identification of landmarks and aids to navigation and a geographic names investigation.

Photogrammetric bridging began in April 1966. The main part of the project area was bridged analytically in two parts, (see plot sketches). The island chain from Spanish Harbor to Key Largo was bridged on the stereoplanigraph. Ten strips of 1:40,000 scale photographs and one strip of 1:70,000 scale "M" photographs were bridged by analytic methods. Four strips of 1:20,000 scale color photographs were bridged on the stereoplanigraph. The photography bridged by analytic methods was taken in November 1964. The stereoplanigraph bridged photographs were taken in January 1966. Infrared photography was flown under tide controlled conditions in an attempt to office identify the mean low water line on the many shoals in the bay.

The nine manuscripts were compiled in the Washington Office beginning in April 1966 and continuing thru October 1966. Many landmarks and aids could not be positioned photogrammetrically, as they fell outside the limits of the photogrammetric bridges. These were referred to the field editor. Field edit discrepancy prints were made of the compiled manuscripts listing all details in question for verification.

Field edit was accomplished during January-May 1967 and encompassed the location or verification of landmarks and aids to navigation and the verification of compiled features.

Field edit corrections and additions were applied to the nine surveys as work priorities in the Washington Office permitted and were completed in November 1967.

Subsequent evaluation, during review, of the field edit notes and their reference to the many compiled sand banks resulted in the decision that they could not be shown with a low water line, except in isolated areas and they were recompiled as shallow or shoal areas.

* A report on the revision work accomplished and a map index are included in this Descriptive Report—
Pages 94 and 95.

- 2 -

Comparison Prints were prepared for each manuscript. They were cut to letter size and included in this report. Manuscripts, with discrepancies scattered thruout their area, will have more than one comparison sheet.

Final project work included the scaling and completion of all Form 567's for landmarks and aids and the final review of the nine surveys. Ozalid and cronaflex copies of the final manuscripts were reproduced. A cronaflex copy of each survey will be registered in the Bureau Archives under their respective T-numbers, (T-12626 thru 12634).

Submitted by,

Jeter P. Battley Jr.

J.P. Battley, Jr.

FIELD INSPECTION REPORT

JOB PH - 6408

FLORIDA BAY & VICINITY

MAPS T - 12626 thru T - 12634

2. AERIAL FIELD INSPECTION.

The purpose of the survey is to provide chart topography. Field inspection of shoreline and interior features was not required.

3. HORIZONTAL CONTROL.

All Coast and Geodetic Survey stations were searched for and Recovery Notes submitted on Form 526. Two stations called for on the project control diagram were overlooked. They are CANAL 1928, in T-12626 and WALKER BANK 1857, in map T-12632. Neither of these stations were required for photo control.

One station was established for photo control by third order methods. It is located in map T-12631 on Upper Arsnicker Key and was marked with a topographic station disk.

Two temporary, unmarked stations for photo control were established by Tellurometer traverse. One is in map T-12632 and originated at triangulation station INDIAN KEY 2, 1934. The other, in map T-12633, originated at station MOLASSES KEY, 1856. In each instance 2 substations were established and named "C" and "D".

Other than these established, stereoplanigraph aerotriangulation requirements were met from photo identification by the substitute station method of existing recovered triangulation stations.

The following stations are reported lost:

T-12626

SAB 2, 1955
SANDY, 1934 - (R.M. 2 identified)
MUD, 1928
CAPE SABLE EAST BASE, 1855

T-12627

COOT, 1934
FLAM, 1928

T-12628

LOW 2, 1934 - (identified)
HAMMER, 1934
SPOIL, 1934
LOWE, 1934
SPIT, 1861
TERRAPIN, 1934
MADERIA, 1934
PIGEON, 1934
COCOA, 1934
TAVERNIER, U.S. NAVY PUMP*
ING STATION NO. 3, RADIO
MAST, 1961

3. HORIZONTAL CONTROL(cont.)T-12629

EAK 1934
WAT 1935
SONNY 1935

T-12630

HORSENECK WEST 2, 1934

T-12631

CONCH 1934
QUACK 1934
HAWK 1934
HORSENECK 1934
VIADUCT 2, 1936

T-12632

SNAKE CREEK 1935
PINDER 1934
PLANTATION POINT 1857
NORTHEAST CORNER OF
YELLOW HOUSE 1934
BOWL 1934
BEE 1934
ISLA 1934
RUSSELL 1935
MATECUMBE 2, 1934
RACK 1935
COM 1934
HORN 1935

T-12633

PIKE 1935
TRUSS 1935 (R.M. 1 identified)
BAHIA HONDA CENTER ARCHED
TRUSS(TRUSS) 1920
LAND 1934
NEWFOUND HARBOR BEACON NO. 2, 1935
RAM 1934
CUDJOE KEY, RAILROAD WATER TANK 1935
WEST BAHIA 1935
WEST BAHIA HONDA 3, 1920
BAHIA HONDA 2, 1935
TORCH KEY WINDMILL 1935
LOOE KEY 1920
PINE 1909

T-12634

EAST WASHERWOMAN BEACON NO. 49, 1935
EAST SISTER KEY 2, 1909
SISTER CREEK ENTRANCE BEACON 1935
RAIL 2, 1936
VIC 1935 (R.M. 2 identified)
DRAWBRIDGE & BRIDGE LIGHT
MOSER CHANNEL 1920-35 (identified)
VACA 1934
FAT 1935
MOSER 1935

Of the lost stations, the following were identified for control purposes:

T-12626: SANDY 1934 R.M. 2 identified.

T-12628: LOW 2, 1934. Station monument was built around a 2 X 4 inch stake which was driven into the ground. The stake was recovered and identified.

T-12633: TRUSS 1935. R.M. 1 identified.

T-12634: DRAWBRIDGE, 1920 and BRIDGE LIGHT MOSER CHANNEL 1935 are identical stations. Bridge house is centered over the original pivot of swing bridge. The center was marked on the photograph and is believed accurate enough for photo control.

VIC 1935. R.M. 2 identified.

3.

4. VERTICAL CONTROL

Inapplicable

5. CONTOURS AND DRAINAGE

Inapplicable

6. WOODLAND COVER

Inapplicable

7. SHORELINE AND ALONGSHORE FEATURES

Inapplicable

8. OFFSHORE FEATURES

Not required. However, two chart sections are submitted with this report to call attention to presently charted overhead power lines that do not exist. One is in map T-12631; the other is in T-12633.

9. LANDMARKS AND AIDS

A thorough inspection for landmarks was made. Form 567 is being submitted for charting and deletion.

Two aeronautical aids are also recommended on Form 567.

Form 567 is being submitted for all fixed aids. They were located by one of the following methods:

1. Sextant fix with a check angle. (The horizon was closed at practically all aids except those in the BIG SPANISH-KEY WEST CHANNEL.

2. Theodolite cuts.

3. Direct identification on the photograph.

All aids have been listed on columnar paper and included in this report, as an unnumbered page. We have shown the Name, Map No., Method of location, Date of location, Photo No., Sketchbook No., or Horizontal Angle (Form 250) Vol. No., and the scaled position expressed to the nearest tenth of a minute. This listing was used in compiling the Form 567 and may prove useful to the compiler.

There are a few instances in the BIG SPANISH-KEY WEST CHANNEL where the same aid was located by theodolite cuts and sextant fix. Effort has been made to suggest use of one method or the other (usually the sextant fix) to plot the aid and to use the alternate method only if a check of some kind is needed. The reason for this situation is that when location of the aids in this channel was begun, only about 25% of the number shown on the chart existed.

9. LANDMARKS AND AIDS(cont.)

These were cut in with the theodolite and only a few remained to be located when work was temporarily suspended for party personnel to man the boat show exhibit in Miami. Upon resumption of work, it was discovered that the Coast Guard had re-marked all aids in the channel. Sextant fixes were then deemed the better way to locate these aids.

It may be well to explain that these aids are practically of a temporary nature. They are mostly a 1½ or 2-inch pipe driven into the bottom, with a 2 X 2-inch stake sharpened and driven into the pipe. At the top of the 2 X 2 is a small pointer of about 1 X 4 X 8 inches with a number lettered on it. These are often destroyed for a variety of reasons due to their instability - as, for instance, when we first started locating them.

Except for the aids in the foregoing discussion, rough field plotting was attempted on practically all aids. No large differences were noted in any of the charted positions except in the vicinity of SCHOONER BANK - ONFOOT BANK - SANDY KEY AREA. If our plotting of the theodolite cuts is reasonably accurate, these aids are considerably mislocated on chart 1250. Four maps - T-12626, T-12627, T-12630 and T-12631 - corner here. It is believed that by joining map manuscripts T-12627 and T-12631 these cuts can be plotted, although some of the aids fall in the other listed maps and the intersections for pricked points will have to be transferred. This was an unusual situation with very little to work from. (Ordinarily fixes and cuts were made from photo points within the map limits or not in excess of one mile outside the limits.)

It was determined after hurricane BETSY of September 1965, that COMPENS LIGHT 73(T-12628) and CHANNEL KEY DAYBEACON 7 were destroyed. They were not relocated by the field party. However, it is believed that the images of the new structures can be seen on the color transparencies made in January 1966. — ?

And this is probably true of most of the aids throughout the project. We were not positive about many of the daybeacons images being seen on the photographs and went ahead with a location. It is felt that most will readily be visible on the transparencies. The lights are 5-pile cluster dolphins and all are visible on the photos.

One other daybeacon should be discussed: HARBOR KEY BANK DAYBEACON 43. This is a large single pile. A sextant fix was taken at the daybeacon but the object thought to be BULLFROG BANK LIGHT apparently was not, because the fix will not plot (see sketchbook Vol. 3). There are 3 cuts from other sextant fix locations to the daybeacon and it has been marked direct on photo 64W6564A. With this information it is believed the image can be positively identified on the transparencies.

Aids to navigation in the vicinity of Flamingo(T-12626 and T-12627) were satisfactorily located during Project 22514 and no further location was required during Job PH-6408.

10. BOUNDARIES, MONUMENTS AND LINES

Inapplicable

11. OTHER CONTROL

None established, except as listed under item 3.

12. OTHER INTERIOR FEATURES

Inapplicable

13. GEOGRAPHIC NAMES

This is the subject of a special report submitted under date of April 22, 1966.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

The Geographic Names Report is the only special report. Letters of Transmittal for various shipments of Job Data are dated:

- No. 1 - August 8, 1965
- No. 2 - August 30, 1965
- No. 5 - January 10, 1966
- No. 6 - February 2, 1966
- No. 7 - February 9, 1966
- No. 8 - February 17, 1966
- No. 9 - March 8, 1966
- No. 10 - ~~May 6~~ ^{April 29}, 1966

The transmittals listed above related to horizontal control and were forwarded to the Chief, Photogrammetry Division at Rockville, Maryland.

Transmittal No. 12 contains Reports, Form 567, etc., constituting the remainder of job data and was forwarded to the East Coast Field Office under date of May 6, 1966

Submitted:
5/6/66

William H. Shearouse

William H. Shearouse
Chief, Photo Party 751

PHOTOGRAMMETRIC PLOT REPORT
Job PH-6408 (Part I)
Florida Bay
March 1966

21. Area Covered

This report covers that area of Florida Bay from Northwest Cape eastward to the Florida Keys and north of $24^{\circ} 52' N$.

22. Methods

Analytic aerotriangulation methods were used to bridge six strips of "W" color photography at the scale of 1:40,000 and one strip of "M" photography at the scale of 1:70,000. The attached sketch of strips bridged shows the triangulation points used in the strip adjustments.

Closures to control and to the tie points have been tabulated.

23. Adequacy of Control

Horizontal control identified and required to adjust these strips was adequate. The major problem was vacuum failure, which caused a saucering effect within certain models thus causing the tie points between strips to have a greater error than is normally expected and obtained by analytic methods. However, since the compilation scale is 1:40,000, these errors will not critically affect the final manuscript. These sheets should meet the National Standards of Map Accuracy.

24. Supplemental Data

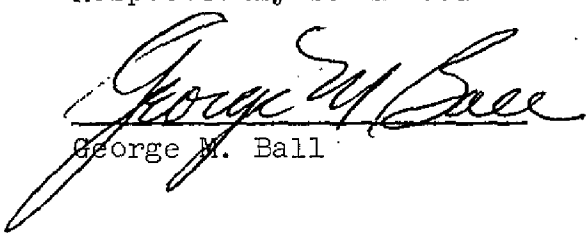
Numerous U.S.G.S. quads were used to obtain elevations for the final horizontal and vertical strip adjustments.

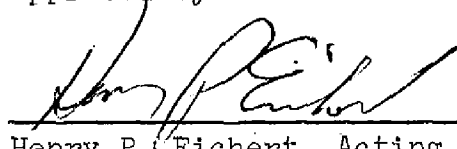
25. Photography

Photography was adequate with regard to coverage, overlap and image definition; however, as stated in Item 23, we were confronted with vacuum failures.

Respectfully submitted:

Approved by:


George M. Ball


Henry P. Eichert, Acting Chief
Aerotriangulation Section

FLORIDA BAY, JOB PH-6408 (PART I)
CLOSURES (feet) TO CONTROL STATIONS AND TIE POINTS

Strip A

LONG SOUND

SS-1 $\begin{pmatrix} -6.82 \\ +1.12 \end{pmatrix}$
SS-2 $\begin{pmatrix} -2.83 \\ +2.92 \end{pmatrix}$

SNIPPE POINT

SS-1 $\begin{pmatrix} +3.47 \\ -4.48 \end{pmatrix}$
SS-2 $\begin{pmatrix} +1.31 \\ +0.48 \end{pmatrix}$

TAYLOR

SS-1 $\begin{pmatrix} -3.27 \\ -1.64 \end{pmatrix}$
SS-2 $\begin{pmatrix} -0.68 \\ -2.29 \end{pmatrix}$

PINK

SS-1 $\begin{pmatrix} -4.19 \\ +1.18 \end{pmatrix}$
SS-2 $\begin{pmatrix} +1.24 \\ -4.84 \end{pmatrix}$

Tie Points to Strip "B"

05402 $\begin{pmatrix} -3.55 \\ +9.96 \end{pmatrix}$
06401 $\begin{pmatrix} +3.66 \\ +3.32 \end{pmatrix}$
06401 $\begin{pmatrix} +3.25 \\ +1.95 \end{pmatrix}$
09401 $\begin{pmatrix} +0.49 \\ +5.03 \end{pmatrix}$
11401 $\begin{pmatrix} +3.00 \\ +7.47 \end{pmatrix}$
11402 $\begin{pmatrix} +6.84 \\ +6.09 \end{pmatrix}$

Strip B

CAPE SABLE LAT. STATION

SS-1 $\begin{pmatrix} +0.57 \\ -6.02 \end{pmatrix}$
SS-2 $\begin{pmatrix} +2.04 \\ -10.16 \end{pmatrix}$

TAYLOR

SS-1 $\begin{pmatrix} -0.83 \\ -2.44 \end{pmatrix}$
SS-2 $\begin{pmatrix} -6.51 \\ -0.14 \end{pmatrix}$

CACTUS

SS-1 $\begin{pmatrix} -1.05 \\ +6.64 \end{pmatrix}$
SS-2 $\begin{pmatrix} +0.61 \\ +4.81 \end{pmatrix}$

LAKE KEY

SS-1 $\begin{pmatrix} +9.89 \\ -6.10 \end{pmatrix}$
SS-2 $\begin{pmatrix} +2.07 \\ -4.31 \end{pmatrix}$

FOAM

SS-1 $\begin{pmatrix} +5.15 \\ +3.87 \end{pmatrix}$
SS-2 $\begin{pmatrix} +3.21 \\ +4.10 \end{pmatrix}$

MOAT

SS-1 $\begin{pmatrix} -6.21 \\ +6.34 \end{pmatrix}$
SS-2 $\begin{pmatrix} -6.97 \\ +6.02 \end{pmatrix}$

MOSQUITO POINT

SS-1 $\begin{pmatrix} -2.25 \\ +3.00 \end{pmatrix}$
SS-2 $\begin{pmatrix} -5.57 \\ -2.54 \end{pmatrix}$

Tie Points to Strip "C"

30401	(+10.67)	(+5.19)
28401	(-0.55)	(+3.16)
26401	(-1.47)	(+5.79)
24401	(-4.74)	(+4.57)
20401	(+5.75)	(+1.74)
18401	(+9.73)	(+1.25)

Strip "C"

CACTUS

SS-1	(-7.13)	(-1.46)
SS-2	(+1.10)	(-0.70)

PLANTER 2

SS-A	(+0.21)	(+6.63)
SS-B	(-2.38)	(-6.56)

OYSTER KEY

SS-1	(-2.85)	(+0.27)
SS-2	(-2.65)	(+0.45)

BARGE 2

SS-1	(+4.19)	(+3.29)
SS-2	(+2.14)	(+0.45)

CLUB 2

SS-1	(-0.23)	(-1.70)
SS-2	(-0.74)	(-0.33)

ROCK HARBOR 2

SS-1	(+2.42)	(-5.34)
SS-2	(+0.12)	(+0.10)

Strip "D"

SANDY

SS-A	(+0.18)	(+0.16)
SS-B	(+1.45)	(-3.88)

MAN OF WAR BUSH

SS-A	(-0.64)	(+0.28)
SS-B	(-1.58)	(+4.27)

SS-A	(-0.47)	(-0.93)
SS-B	(-1.02)	(+2.77)

LITTLE

SS-A	(+5.63)	(+7.88)
SS-B	(+1.13)	(+1.44)

LAKE KEY

SS-1	(+3.24)	(+3.65)
SS-2	(+2.74)	(+4.07)

Tie Points to Strip "C"

36401	(-6.05)	(+12.71)
39401	(-5.95)	(-3.76)
41401	(-9.53)	(-4.58)
44401	(+1.59)	(-6.84)
46401	(-3.45)	(+9.56)
48401	(-1.52)	(+9.93)
50401	(-5.21)	(+1.98)
51401	(-9.24)	(-6.73)

Strip "E"

TAURUS

SS-1	(+2.40)	(-4.51)
SS-2	(+4.99)	(+8.05)

SNAKE

SS-A	(-1.77)	(+9.13)
SS-B	(-2.55)	(+6.95)

SS-A	(+1.25)	(+9.76)
SS-B	(-2.55)	(+7.69)

TORRY 2

SS-A	(+1.63)	(+4.89)
SS-B	(+1.98)	(+1.57)

PANHANDLE

SS-A	(+3.32)	(+1.57)
SS-B	(+1.96)	(+0.12)

RABBIT KEY

SS-A	(-0.07)	(+2.53)
SS-B	(-2.41)	(+1.34)

Tie Points to Strip "D"

62401	(+6.22)	(-5.55)
64401	(+3.58)	(+8.31)
64402	(+10.77)	(+11.95)
67401	(+5.40)	(+5.36)
69401	(-17.73)	(-0.32)

Strip "F"

UPPA

SS-A	(-0.01)	(0.00)
SS-B	(-3.31)	(-5.60)

MIL

SS-A	(+0.15)	(+1.16)
SS-B	(-4.87)	(+0.04)

BOUTTE

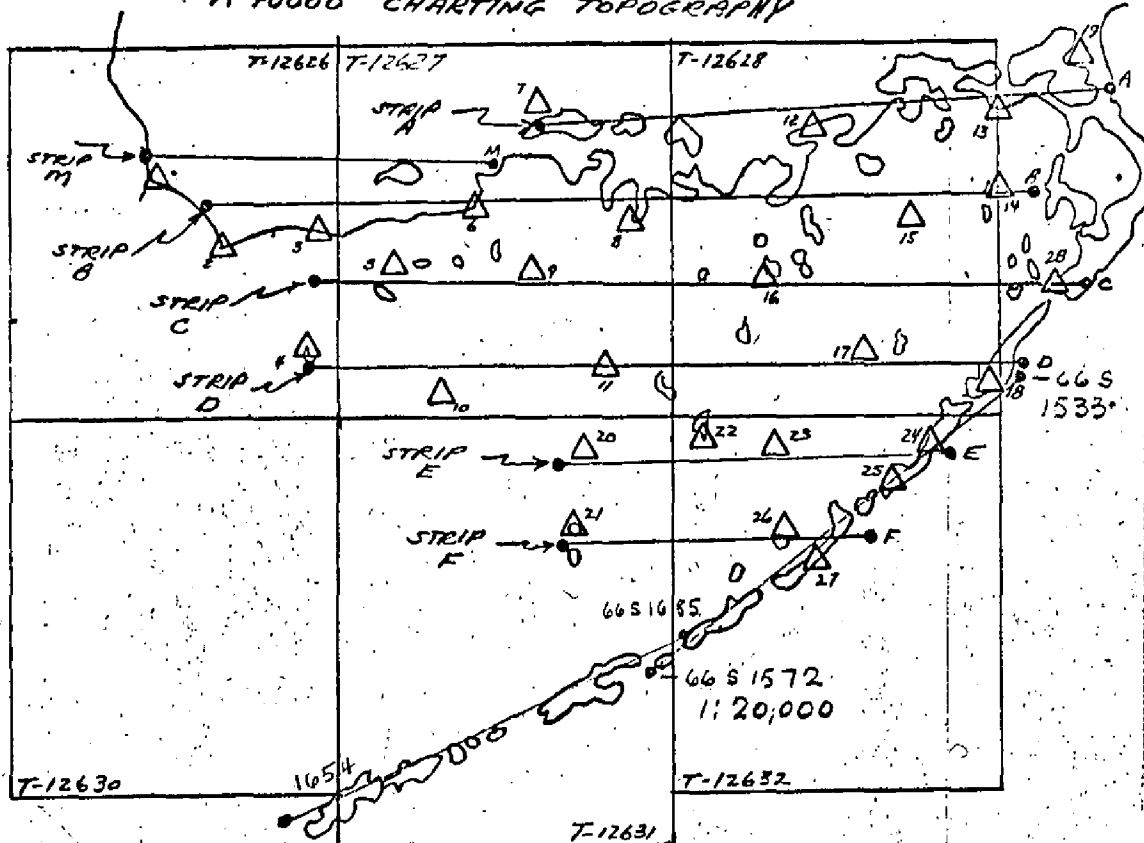
SS-A	(+1.66)	(-1.37)
SS-B	(-1.88)	(+2.47)

SS-A	(0.00)	(0.00)
SS-B	(-4.99)	(-0.95)

Tie Points to Strip "E"

17401	(-2.51)	(+5.67)
18402	(-4.83)	(+9.80)
20401	(-3.83)	(+6.59)
22401	(-0.71)	(-5.37)
24401	(-1.00)	(-1.22)

PH-6408 (PART 1 of 2)
FLORIDA BAY, FLORIDA
1:40000 CHARTING TOPOGRAPHY



STRIPS A THRU F

1:40000 COLOR

STRIP M

1:70000 PAN

TRIANGULATION

- 1- MIDDLE 2-1955
- 2- CAPE SABLE LPT. STA. - 1886
- 3- CACTUS - 1934
- 4- SANDY - 1934
- 5- OYSTER KEY - 1858-1909
- 6- FOAM - 1934
- 7- PINKS - COOT BAY TRAVERSE - 1965
- 8- MOSQUITO PT. - 1934
- 9- BARBE 2-1961
- 10- MAN OF WAR BUSH - 1858
- 11- LITTLE - 1934
- 12- TAYLOR - 1961
- 13- SNIPE POINT - 1934

- STRIP-A 64W 7089-7111
- STRIP-B 64W 7039-7072
- STRIP-C 64W 7127-7162
- STRIP-D 64W 7302-7332
- STRIP-E 64W 7170-7189
- STRIP-F 64W 7217-7232
- STRIP-M 64W 4868-4872

1:40,000

- 14- MOAT - 1860
- 15- LAKE KEY 2-1961
- 16- CLUB 2- 1961
- 17- LOW 2- 1934
- 18- PLANTER 2-1961
- 19- LONG SOUND - 1961
- 20- RABBIT KEY - 1856-1934
- 21- UPPA - 1964
- 22- DANHANDLE - 1934
- 23- TORRY KEY - 2- 1934
- 24- TAURUS - 1857-1908
- 25- SNAKE - 1934
- 26- BOUTTE - 1934
- 27- MIL - 1934
- 28- ROCK HARBOR - 2- 1961

PHOTOGRAMMETRIC PLOT REPORT
Job PH-6408 (Part II)
Florida Bay
May 1966

21. Area Covered

This report covers an area of the Florida Keys from $81^{\circ}15'00''$ W to $81^{\circ}33'45''$. This area is to be compiled on two manuscripts (T-12629 and T-12633).

22. Methods

Analytic aerotriangulation methods were used to bridge four strips of "W" color photography at the scale of 1:40,000. The attached sketch of strips bridged shows the placement of triangulation used in the final strip adjustments. Closures to the control and to the tie points have been tabulated.

23. Adequacy of Control

Horizontal control identified and required to adjust these strips was adequate. Strip "K" was adjusted using tie points from Strip "J" and two control stations as checks. This strip ("K") proved most troublesome to the instrument operator while measuring certain models; this was due wholly to the physical features of the models he was attempting to read. These models were basically water models; almost all passpoints were underwater in areas completely void of image definition and color contrast. This area, east of BULLFROG BANK LIGHT will be weak; however, the compilation should meet the National Standards of Map Accuracy in this area of T-sheet T-12629.

24. Supplemental Data

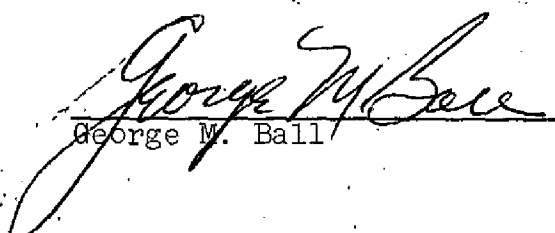
Numerous U.S.G.S. quads were used to obtain elevations required for the final horizontal and vertical strip adjustments.

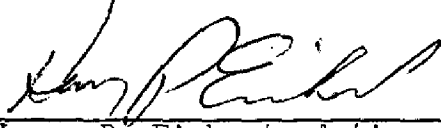
25. Photography

Photography was adequate with regard to coverage, overlap and definition.

Respectfully submitted:

Approved by:


George M. Ball


Henry P. Eichert, Acting Chief
Aerotriangulation Section

FLORIDA BAY, JOB PH-6408 (PART II)
CLOSURES (feet) TO CONTROL STATIONS AND TIE POINTS

Strip G

GIB

SS-A $\{-0.51\}$ $\{-1.74\}$
SS-B $\{-3.94\}$ $\{+0.11\}$

SOTO

SS-A $\{-0.12\}$ $\{+4.89\}$
SS-B $\{+0.06\}$ $\{-4.56\}$

SUMMER

SS-A $\{+1.10\}$ $\{+2.99\}$
SS-B $\{+1.13\}$ $\{-2.66\}$

PERKY NE BASE

SS-A $\{+0.62\}$ $\{-1.38\}$
SS-B $\{-0.90\}$ $\{+0.78\}$

SWEET

SS-A $\{-1.14\}$ $\{+0.96\}$
SS-B GSI Card and pricking on photo in disagreement.

Tie Point to Strip H

36402 $\{-5.45\}$ $\{+0.61\}$
36401 $\{-7.14\}$ $\{-4.21\}$
34401 $\{-3.39\}$ $\{-3.75\}$
32401 $\{+0.60\}$ $\{+5.75\}$
31401 $\{+3.10\}$ $\{+1.77\}$

Strip H

SUGAR

SS-A $\{+0.68\}$ $\{+1.62\}$
SS-B $\{+1.38\}$ $\{-0.49\}$

MICHAEL KEY

SS-A $\{-1.78\}$ $\{+1.44\}$
SS-B $\{+4.24\}$ $\{+1.44\}$

SUMMERLAND KEY

SS-A $\{-0.97\}$ $\{-0.74\}$
SS-B $\{+1.01\}$ $\{-0.73\}$

SS-A $\{+1.50\}$ $\{-0.80\}$
SS-B $\{+2.16\}$ $\{-0.76\}$

PORPOISE KEY

SS-A Point could not be identified.

SS-B $\{-0.22\}$ $\{-4.17\}$
SS-B $\{-0.01\}$ $\{-2.45\}$

ENIP

SS-A $\{-0.88\}$ $\{+7.81\}$
SS-B $\{+0.22\}$ $\{+1.99\}$

PINKEY

SS-A $\{-1.77\}$ $\{-0.40\}$
SS-B $\{-0.64\}$ $\{+1.92\}$

Tie Points to Strip J

21501	{+2.04}	{+2.26}
23501	{+0.68}	{-2.41}
25501	{+2.61}	{-3.77}
29501	{-1.04}	{-1.31}
30501	{-6.33}	{-3.05}
	{-6.40}	{-4.34}

Strip J

COCOANUT KEY

SS-A	{-0.47}	{-1.47}
SS-B	{+2.36}	{-3.67}

HORSESHOE KEY

SS-A	{-0.15}	{+2.46}
SS-B	{+2.36}	{+3.28}

PINKEY RM

SS-A	{+1.33}	{-2.06}
SS-B	{+0.73}	{-1.58}

SPANISH

SS-A	{+0.58}	{+9.03}
SS-B	Point could not be identified.	

MICHAEL KEY

SS-A	{-2.90}	{-1.31}
SS-B	{-0.13}	{+0.57}

Strip K

SPANISH

SS-A	{-1.46}	{-12.25}
SS-A	{-0.47}	{-13.59}
SS-B	Point could not be identified.	

HARBOR KEY BANK LIGHT (office identified)

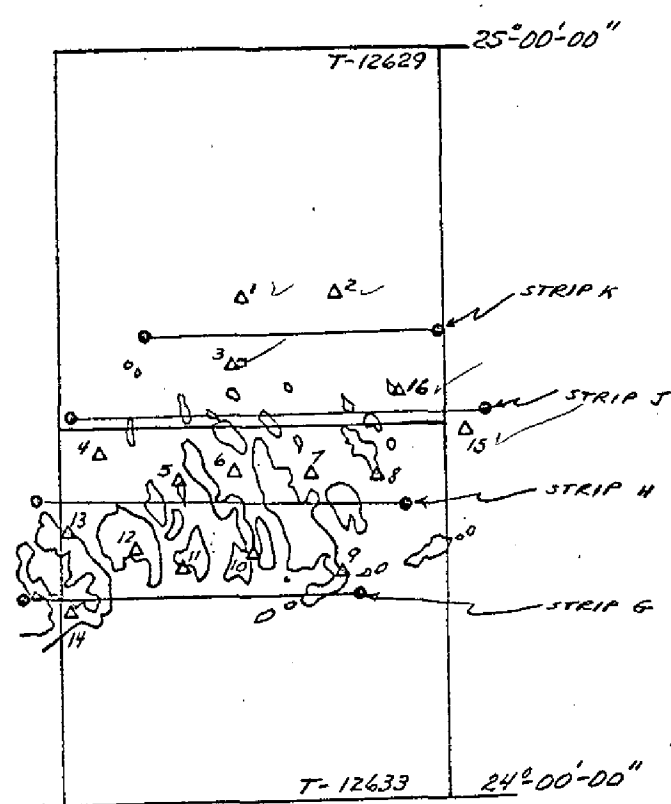
(0.1)	{+2.82}	{-17.77}
-------	---------	----------

BULLFROG BANK LIGHT (office identified)

(0.1)	{-4.88}	{+5.60}
	{-6.32}	{+1.60}

Tie Points to Strip J

11501	{-2.49}	{+6.40}
12502	{+4.33}	{-13.67}
13501	{+12.17}	{-3.65}
13502	{-4.07}	{+12.16}
16502	{-3.56}	{-5.38}
16508	{-3.63}	{-6.81}



PH-6408 (PART 2 of 3)

FLORIDA BAY

1:40,000

STRIPS-G, H, J, & K

1:40,000 COLOR

STRIP-G 64W6535-49

STRIP-H 64W6620-36

STRIP-J 64W6598-6618

STRIP-K 64W6564-76

TRIANGULATION

- 1 - HARBOR KEY BANK LIGHT, 1935
- 2 - BULLFROG BANK LIGHT, 1935
- 3 - SPANISH, 1935
- 4 - MICHAEL KEY, 1935
- 5 - SUMMERLAND KEY, 1935
- 6 - PINKEY, 1935
- 7 - PORPOISE KEY, 1935
- 8 - ENIP, 1935
- 9 - GIB, 1935
- 10 - SOTO, 1934
- 11 - SUMMER, 1934
- 12 - PERKY, N.E. BASE, 1935
- 13 - SUGAR, 1934
- 14 - SWEET, 1935
- 15 - COCONUT KEY 3, 1935
- 16 - HORSESHOE KEY 2, 1909-1935

PHOTOGRAMMETRIC PLOT REPORT
Florida Bay, Florida
Job PH-6408

21. Area Covered

This report covers the bridging of the central Florida Keys. T sheets affected areas as follows: T-12628 and T-12630 thru T-12634.

22. Method

All plates were drilled by PUG methods. Bridging was performed on the C-8 stereoplanigraph and adjusted by IBM 1620 methods.

23. Adequacy of Control

Horizontal control complied with project instructions and was adequate. All control was held during bridging operations and met the accuracy requirements of 1:40,000 scale maps.

24. Supplemental Data

None

25. Photography

Photography was adequate as to coverage, overlap, definition, and quality.

26. Additional Items

Use of this data obtained by the bridging of this project should be limited to 1:40,000 scale maps. This limitation is due to the results obtained by bridging over a very difficult area; i.e., several models in a row having only an azimuth line to bridge across prevented the operator from obtaining a good solution.

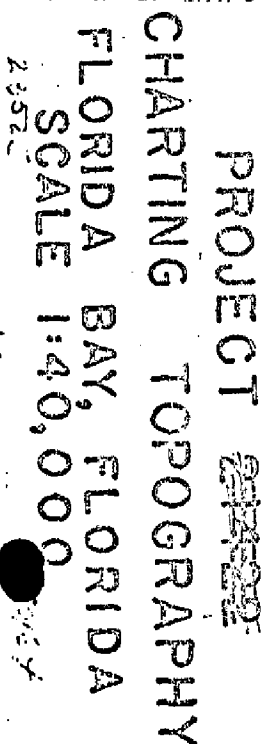
Submitted by:

Robert Kelly
Robert Kelly

Approved by:

John D. Perrow, Jr.
John D. Perrow, Jr.

810



COMPILATION REPORT
PROJECT 21422 G 408
T-12626 thru 12634
FLORIDA BAY, FLORIDA

31. Delineation

The manuscripts were compiled by instruments using the B-8 stereoplotter.

Numerous Landmarks and Aids could not be located on Sheets T-12626, T-12627 and T-12631 because the photogrammetric bridge, strips D, E and F did not extend far enough to the west to cover the field location of photo points needed.

The low water line has not been shown in the areas of the project that fall south of approx. Lat. $24^{\circ}48.8'$. Infra-red photographic coverage was not available in this area and it was impossible to accurately identify a low water line from the color. This part of the project is incomplete. On T-12629 there was no photographic coverage north of $24^{\circ}49'$. The sand banks and channels north of this line could not be delineated. Photographic coverage was complete for the project area, but many of the flight lines were over water and beyond horizontal control. The shoal lines and shallow areas could not be photogrammetrically positioned in these areas.

32. Control

Control was adequate as to identification, density and placement. Refer to the Photogrammetric Plot Report for this project.

33. Supplemental Data

A complete Geographic Names Report was furnished.

Charts 1250 and 1251, scale 1:80,000, were used as base maps for the geographic names.

34. Contours and Drainage

Inapplicable

35. Shoreline and Alongshore Details

All features on the manuscripts were delineated from office interpretation of the color and infra-red (where available) photographs. Channel lines were

- 2 -

shown where they were evident on the color photography.

The low water lines will have to be delineated at a later date when infra-red photography is available. The areas south of approx. Lat. $24^{\circ}53.5'$ are incomplete in this respect.

36. Offshore Details

Many offshore banks in Florida Bay were not located as they fell beyond the bridged area.

37. Landmarks and Aids

Forms 567 are submitted for all landmarks and aids in this project. Some of the aids are not shown on the manuscripts due to insufficient information needed to find their exact position. The field edit will be able to give us the additional information needed.

Most of the aids have been located by sextant fix or theodolite cuts.

38. Control for Future Surveys

No forms 524 for recoverable topographic stations have been submitted. There are no photo-hydro stations.

39. Junctions

Junction has been made and is in agreement between the sheets in this project.

40. Horizontal and Vertical Accuracy

The surveys in this project comply with the National Standards of Map Accuracy.

41. - 45.

None

46. Comparison with Existing Maps

The manuscripts have been compared with the following:

T-4460	1:20,000	1928-1941
T-5439	"	1937
T-5440	"	1937
T-5441	"	1935
T-5442	"	1937
T-5539	"	1937
T-5540	"	1937

- 3 -

T-5541	1:20,000	1938
T-5542	"	1938
T-5543	"	1937
T-5544	"	1938
T-5545	"	1938
T-5547	"	1938
T-8488	"	1943
T-8492	"	1943
T-8806	"	1947
T-8807	"	1947

Hydrographic Surveys:

H-5879a	1:20,000	1935
H-5879b	"	1935
H-5888	"	1935
H-5892a	"	1935
H-5892b	1:10,000	1935
H-5922	"	1935
H-5925	"	1935, 1939
H-5947	1:20,000	1935
H-5952	"	1935
H-6113	"	1935
H-6133	"	1935, 1939
H-6134	1:10,000	1935, 1936
H-6137	1:20,000	1935, 1937
H-6158	"	1936
H-6318	"	1935, 1938
H-6323	"	1937, 1938
H-6324	"	1937, 1939
H-6325	"	1938, 1939
H-6326	"	1938, 1939
H-5595	"	1934
H-5778	"	1934, 1935

47. Comparison with Nautical Charts

The manuscripts have been compared with the following nautical charts:

853	1:40,000	June 1964 corrected to Jan. 1966
859	"	May 1964
1251	1:80,000	March 1965
1250	"	March 1964 corrected to Nov. 1966

- 4 -

852	1:40,000	March 1964
851	"	March 1964

Discrepancies have been shown on the ozalid Discrepancy Print (Field Edit Copy).

Approved by:

K. N. Maki
K. N. Maki

Submitted by:

BP
Jacqueline B. Phillips

FORM C&GS-1002
(9-66)U.S. DEPARTMENT OF COMMERCE
ESSA
COAST AND GEODETIC SURVEY

PHOTOGRAMMETRIC OFFICE REVIEW

T-12626 thru 12634

1. PROJECTION AND GRIDS ✓	2. TITLE ✓	3. MANUSCRIPT NUMBERS ✓	4. MANUSCRIPT SIZE ✓
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY ✓	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) ✓		7. PHOTO HYDRO STATIONS None
8. BENCH MARKS —	9. PLOTTING OF SEXTANT FIXES ✓	10. PHOTOGRAMMETRIC PLOT REPORT ✓	11. DETAIL POINTS ✓
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE ✓	13. LOW-WATER LINE see review report	14. ROCKS, SHOALS, ETC. ✓	15. BRIDGES ✓
16. AIDS TO NAVIGATION ✓	17. LANDMARKS ✓	18. OTHER ALONGSHORE PHYSICAL FEATURES ✓	19. OTHER ALONGSHORE CULTURAL FEATURES ✓
PHYSICAL FEATURES			
20. WATER FEATURES ✓		21. NATURAL GROUND COVER ✓	22. PLANETABLE CONTOURS —
23. STEREOSCOPIC INSTRUMENT CONTOURS —	24. CONTOURS IN GENERAL —	25. SPOT ELEVATIONS —	26. OTHER PHYSICAL FEATURES ✓
CULTURAL FEATURES			
27. ROADS ✓	28. BUILDINGS ✓	29. RAILROADS ✓	30. OTHER CULTURAL FEATURES ✓
BOUNDARIES			
31. BOUNDARY LINES —		32. PUBLIC LAND LINES —	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES ✓		34. JUNCTIONS ✓	35. LEGIBILITY OF THE MANUSCRIPT some scribe for more legibility
36. DISCREPANCY OVERLAY ✓	37. DESCRIPTIVE REPORT ✓	38. FIELD INSPECTION PHOTOGRAPHS ✓	39. FORMS ✓
40. REVIEWER Peter P. Batteley Jr.		SUPERVISOR, REVIEW SECTION OR UNIT Compilation K. N. Maki	
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER Martha C. Webber		SUPERVISOR K. N. Maki	
43. REMARKS Shoal and shallow areas with accompanying channels were not extensively compiled on T-12629, 12630, 12633, 12634 and part of T-12631. (see the review report for explanation)			

GEOGRAPHIC NAMEST-12626

Cape Sable
· Cattail Lakes
· East Cape
· East Cape Canal
· East Fox Lake*
· First National Bank
· Gator Lake*
· House Ditch
· Joe River*
· Lake Ingraham
· Little Fox Lake*
· Middle Cape
· Middle Cape Canal
· Middle Fox Lake*
· Middle Ground
· Rocky Channel
· Sandy Key
· Slagle Ditch

*Names not verified in the field

T-12627

- . Alligator Creek
- . Bear Lake*
- . Bradley Key
- . Buoy Key
- . Battenweed Canal
- . Camp Key
- . Catfish Key
- . Christian Point
- . Clive Key
- . Cluett Key
- . Conchie Channel
- . Coot Bay*
- . Corinne Key
- . Cormorant Key
- . Curlew Key
- . Curry Key
- . Cuthbert Lake*
- . Dave Foy Bank
- . Dead Terrapin Key
- . Derelict Key
- . Dildo Key
- . Dildo Key Bank
- . Dump Keys
- . Flamingo
- . Florida Bay
- . Frank Key
- . Garfield Bight
- . Gibby Point
- . Henry Lake*
- . Homestead Canal*
- . Jim Foot Key
- . Joe Kemp Channel
- . Joe Kemp Key
- . Johnson Key
- . Little Henry Lake*
- . Long Lake*
- . Man-of-War Channel
- . Man-of-War Key
- . Monroe Lake
- . Mosquito Point
- . Mud Lake*
- . Murray Key
- . Otter Key -
- . Oyster Keys
- . Palm Key
- . Pelican Keys
- . Porpoise Point
- . Rankin Bight
- . Rankin Key

→ Flamingo Canal - P.P.
 ✓ applied to 1770 P
 200

T-12627 (continued)

- Roscoe Key
- Sandy Key Basin
- Santini Bight
- Shark Point
- Sid Key
- Snake Bight
- Snake Bight Canal
- Snake Bight Channel
- The Lungs
- Topsy Key
- Umbrella Key
- West Lake*
- Whipray Basin
- Whipray Keys
- White Water Bay*

*Names not verified in the field

T-12628

- Alligator Bay
- Big Key
- Big Madeira Bay
- Black Betsy Keys
- Bob Allen Keys
- Bob Keys
- Bottle Key
- Brush Keys
- Butternut Key
- Buttonwood Keys
- Calusa Keys
- Captain Key
- Club Key
- Community Harbor
- Coon Key
- Cowpens Keys
- Crane ~~Crane~~ Keys *B. — J.F.*
- Crocodile Dragover
- Crocodile Point
- Cross Bank
- Davis Cove
- Davis Creek
- Deer Key
- Eagle Key
- Eagle Key Pass *J.F.*
- East Creek
- East Key *m B.*
- End Key
- Fan Palm Ham'ock
- Florida Bay
- Hammer Point
- Jimmie Channel
- Joe Bay
- Lake Key
- Lake Key Pass
- Little Madeira Bay
- Low Key
- Madeira Point
- Manatee Keys
- Manatee Pass
- McCormick Creek
- Middle Lake
- Monroe Lake
- Mud Bay
- Mud Creek
- Nest Keys
- Oyster Creek
- Park Key
- Pass Key
- Pigeon Key
- Point Lowe
- Pollock Keys
- Ramshorn Shoal

T-12628 (continued)

- . Russell Key
- . Samphire Keys
- . Seven Palm Lake*
- . Spy Key
- . Stake Key
- . Stump Pass
- . Tavernier
- . Tern Keys
- . Terrapin Bay
- . Terrapin Point
- . Triplet Keys
- . Trout Cove
- . Trout Creek
- . Upper Cross Bank
- . Whipray Channel
- . Whipray Keys

*Name not verified in the field

T-12629

- Annette Key
- Big Spanish Channel
- Big Spanish Key
- Content Keys
- Content Passage
- Crane Key
- Crawl Key
- Cudjoe Channel
- Cutoe Key
- Harbor Channel
- Horseshoe Keys
- Howe Key
- Howe Key Mangrove
- Johnson Keys
- Little Crane Key
- Little Pine Key Mangrove
- Little Spanish Key
- Little Spanish Key Mangrove
- Raccoon Key
- Riding Key
- Rocky Channel
- Sandfly Key
- Sawyer Key*
- Upper Harbor Key
- Water Keys
- West Bahia Honda Key

*Name not verified in the field

T-12630

- Bahia Honda Channel
- East Bahia Honda Key
- Hardup Key
- Bamboo Key 98. - JP

T-12631

- Arsenic Bank
- Barnes Key ← Buchanan Keys (93) - *pp*
- Buchanan Bank
- Burnt Point
- Channel Five
- Channel Key ← Coco Plum Beach (95) - *pp*
- Conch Key Channel
- Conch Keys
- Craig
- Crawl Key
- Deer Key
- Duck Key
- Duck Key Channel
- Fat Deer Key
- Florida Bay
- Grassy Key
- Green Mangrove
- Greyhound Key
- Layton
- Long Key
- Long Key Bight
- Long Key Point
- Long Key Viaduct
- Lower Arsnicker Keys
- Ninemile Bank
- Old Seat Bank ← Sweat - *pp*
- Palm Tree*
- Pontoon Bank
- Rabbit Keys
- Rabbit Keys Channels
- Toms Harbor
- Toms Harbor Channel
- Toms Harbor Cut
- Toms Harbor Keys
- Twin Key Bank
- Upper Arsnicker Keys

*Names not verified in the field

T-12632

- Cotton Key
- Cotton Key Basin
- Cowpens Anchorage
- Cowpens Cut
- Crab Keys
- Crane Keys
- East Key
- Gopher Key Channel
- Gopher Keys
- Hawk Channel
- Indian Key
- Indian Key Anchorage
- Indian Key Channel
- Ironwood Channel
- Islamorada
- Lignum Vitae Basin
- Lignum Vitae Channel
- Lignum Vitae Key
- Lignum Vitae Key Bank
- Little Basin
- Lower Matecumbe Key
- Matecumbe*
- Matecumbe Bight
- Panhandle Key
- Peterson Key Bank
- Peterson Keys
- Plantation Key
- Plantation Point
- Race Channel
- Shell Key
- Shell Key Channel
- Snake Creek
- Steamboat Channel
- Tavernier Creek
- Tavernier Key
- Teatable Key
- Teatable Key Channel
- Teatable Relief Channel
- Treasure Harbor
- Twin Key Bank
- Twin Keys Channel
- Twin Keys
- Upper Matecumbe Key
- West Key
- Whale Harbor
- Windley Key
- Yellow Shark Channel

Lignumvitae - J.F.
 (BGN)
 Applied to map
 1948

Shell Key Bank - J.F.

*The field report states the name MATECUMBE should be omitted - yet on the base map he recommends it for charting! We have shown it on the manuscript.

T-12633

- Annette Key ·
- Bahia Honda
- Bahia Honda Key
- Big Mangrove Key
- Big Munson Island
- Big Pine Key
- Big Spanish Channel
- Big Torch Key
- Bogie Channel
- Bow Channel
- Budd Keys
- Cook Island
- Coupon Bight
- Cudjoe Bay
- Cudjoe Key
- Don Quixote Key
- Friend Key ← Friend Key Bank - J.F.
- Gopher Key
- Hopkins Island
- Howe Key
- Howell Key ·
- Hurricane Key ·
- Johnson Keys ·
- Kemp Channel
- Knockemdown Key
- Little Knockemdown Key
- Little Pine Key
- Little Squash Key
- Little Torch Key
- Loggerhead Key
- Long Beach
- Mayo Key ·
- Middle Torch Key
- Munson Island
- Newfound Harbor
- Newfound Harbor Channel
- Niles Channel
- No Name Key
- Pine Channel
- Pirates Cove
- Porpoise Key
- Pye Key ← Pumpkin Key - J.F.
- Raccoon Key ·
- Ramrod Key
- Rattlesnake Lumps
- Refuge Key
- Southeast Point
- Spanish Harbor ·
- Spanish Harbor Keys
- Sugarloaf Beach
- Sugarloaf Key ·
- Sugarloaf Shores

T-12633 (continued)

- Summerland Key
- Tarpon Belly Keys. Tarpon Creek - *pf*
- The Grasses.
- Toptree Hammock Key
- Torch Key Mangroves.
- Water ~~Way~~ Key. — *pf*
- Water ~~Way~~ Mangroves. *pf*
Key *Qb.*

T-12634

- Boot Key
- Boot Key Harbor
- Coco Plum Beach ← Coconut Key *ok A.J.W.*
- East Sister Rock ← Fanny Keys *B - JP*
- Fat Deer Key
- Florida Bay
- Hog Key
- Key Colony Beach
- Knight Key
- Knight Key Channel
- Little Duck Key
- Little Money Key
- Marathon
- Missouri Key
- Molasses Keys
- Money Key
- Money Key Channel
- Moser Channel
- Ohio Key ← Pigeon Key - *JP*
- Pretty Joe Rock ← Pigeon Key Banks *B - JP*
- Rachel Key
- Russel Key
- Sister Creek
- Stirrup Key
- Vaca Cut ← Vaca Key *B - JP*
- Vaca Key Bight
- Vaca Key Rock
- West Sister Rock

Names on maps
 T-12626 through T-12634
 approved May 24, 1968

A. J. Wright
 Frank W. Pickett

FIELD EDIT REPORT

T-12626, T-12627, T-12628, and T-12632

51. METHODS

The shoreline was visually edited from a small boat running close to shore. The offshore keys, flats and bars of Florida Bay were visited to verify their existence. In a number of instances the small mangrove keys were gone, probably being washed away by the 1965 or 1966 hurricanes.

Lights, daybeacons and landmarks were visually verified; date of verification is shown. Aids to navigation in the Flamingo area of T-12626 and T-12627 were not previously located. Sextant fixes or theodolite cuts were used to establish their positions. Form 567 is submitted.

The lights and daybeacons crossing the western edge of Florida Bay from Long Key (T-12631 northwestward to Cape Sable (T-12626) which are beyond the photogrammetric bridge were located by theodolite cuts and fixes. Item 56 discusses this work in detail.

Deletions, additions and corrections have been shown on the FIELD EDIT SHEET - DISCREPANCY PRINT or the photographs with appropriate cross-referencing. The cronaflex print of the map manuscript was used to plot sextant fixes for piling, etc. This is in addition to the planetable sheet referred to under item 56.

Purple (or violet) ink was used for notes; there is no special legend.

In addition to the one Field Edit sheet and cronaflex for each T-map, field edit information will be found on photos: 64W(c)6854A, 6908A, 6913A, 7045A, 7049A, 7052A, 7056A, 7064A, 7069A, 7072A, 7094A, 7100A, 7127A, 7140A, 7146A, 7148A, 7150A, 7154A, 7172A, 7174A, 7176A, 7223A, 7310A, 7320A, 7324A, 7326A, 7328A, 66S(c)1536, 1537, 1539, 1541, 1542, 1543, 1545, 1547, 1549, 1551, 1552, 1554, 1555, 1557, 1559, 1561, 1565, 1567, 1569, 1571, 64S247AR, 307AR, 349AR.

52. ADEQUACY OF COMPILATION

The keys (islands) throughout Florida Bay are compiled without vegetation. This is not correct. The identifying feature of all these islands is mangrove. The mangrove growth is very important for landmark purposes. The photos should be carefully studied and the mangrove symbol added. In all cases it fringes the keys and covers a part or all of them. There is very little marsh in the area.

Particularly in T-12628, we have asked that a large number of mangrove islets, or "clumps" be added. Especially the isolated ones are of landmark value and to omit them would lessen the adequacy of the chart.

With these suggestions and after application of other field edit information the map manuscript will be adequate.

53. MAP ACCURACY

No specific tests were required. From visual inspection map details appear accurate.

54. RECOMMENDATIONS

None offered.

55. EXAMINATION OF PROOF COPY

Not required.

56. LOCATION OF LONG KEY - CAPE SABLE LIGHTS AND DAYBEACONS
(Maps T-12626, T-12627, T-12630, and T-12631)

Reference: Field Edit Instructions, Oct. 26, 1966 (C1423),
Item 5.02 and 5.03.

The following lights fell outside the limits of the photogrammetric bridge and were located graphically on a specially prepared planetable sheet:

GRASSY KEY LIGHT 11	SPRIGGER BANK LIGHT 5
CHANNEL KEY LIGHT 5	SCHOONER BANK LIGHT 6
LONG KEY LIGHT 1	OXFOOT BANK LIGHT 10
ARSENIC BANK LIGHTS 1 & 2	EAST CAPE LIGHT 2

Dependant upon the locations of various of the lights are:

Cape Sable Daybeacon 4	Schooner Bank Daybeacon 8
Sandy Key Chan. Daybeacon 12	" " " 7
Oxfoot Bank Daybeacon 11	Tripod Bank Daybeacon 3
Sandy Key Chan. Daybn. 10X	
Sandy Key Chan. Daybn 9X	

The light structure was occupied and theodolite fixes obtained by turning angles between triangulation stations. (Except for 1 photo point). It was at first thought that the positions obtained would be computed as 3-point fixes. However, the light structures are not stable enough for good closures to be obtained, in most instances, and the fixes had to be plotted graphically.

The procedure was--occupy the light, turn the angles and take a cut ahead to the next light, also cutting back on the previous light. This procedure worked well and excellent results were obtained, the fixes falling on the cuts, etc.

(Consideration was given to cutting the lights in from triangulation stations. However, some of the lights are 10 miles or more offshore from the triangulation stations and are not visible without considerable building. This was not considered warranted. In the case of CHANNEL KEY LIGHT 5 and GRASSY KEY LIGHT 11, they were cut-in from 3 triangulation stations and although plotted graphically, could be computed.)

The listed daybeacons were cut-in from the lights, a photo point and a triangulation station, using a combination of the field inspector's angles (1966) and new cuts to prove that none of them had been moved since the 1966 field work. Satisfactory intersections were obtained although they were not as "tight" in every instance as desired.

Positions of all lights and daybeacons have been marked on the master Planetable Sheet and transferred to the cronaflex of the map manuscript. The positions have not been scaled.

Submitted 1/8/67

William H. Shearouse
William H. Shearouse
Chief, Photo Party 60

FIELD EDIT REPORT

T-12629, T-12630,
T-12631, T-12633, T-12634

51. METHODS

A careful check was made of the shoreline and cultural features along the shoreline where development exists. All mangrove keys and islets were verified as to existence and general shape. In several instances the tiny mangrove islets have been washed away, probably by recent hurricane winds and tides.

Please refer to Item 56 of Field Edit Report for maps T-12626, T-12627, T-12628, and T-12632, submitted under date of January 8, 1967, for a discussion of certain lights and daybeacons in T-12630 and T-12631.

Other nonfloating aids that could not be plotted during compilation were located by sextant fix or theodolite cuts. All have been plotted on the cronaflex but none scaled. The Form 567 does, however, show the date of location by field edit party. It was ascertained that several daybeacons have been rebuilt since the 1965-66 field work. These have been replotted and shown on Form 567 as REVISED positions (to be scaled in office). Daybeacons in Pirates Cove (T-12633) have been renumbered and new ones added. Form 567 has been corrected accordingly.

All aids not requiring further attention, and landmarks, were visually verified, the dates being recorded on the Field Edit Sheet and on the Form 567s.

As a possible aid to the compiler, the low-water line has been indicated in a number of instances on scattered photographs. Also, several shoal and shallow areas have been marked, although they are fairly obvious on the color photography. It is understood that these features are to be added in the office from the infrared photographs.

Additions, corrections and deletions have been indicated on the FIELD EDIT SHEET--DISCREPANCY PRINT with cross-referencing to the photographs by number.

Violet ink was used for all field edit notes.

In addition to the Field Edit Sheet and Cronaflex for each

map, field edit information will be found on photographs 64W6537A, 6539A, 6541A, 6543A, 6545A, 6547A, 6598A, 6602A, 6604A, 6608A, 6614A, 6622A, 6624A, 6626A, 6630A, 6632A, 6634A, 7221A, 66S1613, 1615, 1617, 1624, 1626, 1631, 1634, 1635, 1637, 1639, 1641, 1643, 1645, 1647, 1651, 1653, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1663, 1667, 1669, 1673, 1677.

52. ADEQUACY OF COMPILATION

Please refer to Item 52 of Field Edit Report for Maps T-12626, T-12627, T-12628, and T-12632, for discussion regarding mangrove cover on Florida Bay keys.

A considerable number of "piles" were shown on the compilations--particularly T-12631--that do not exist. Effort was made to determine what the compiler saw that looked like piles. In most instances nothing could be found. The water is quite clear and deceptive as to depth. The field editor could not find anything that would prove helpful in future compilations. Small objects, grass spots, tiny white pot-holes in grassy areas, tiny coral ledges, all show in the clear water. Anyway, the so called piles have been indicated for deletion where appropriate.

These maps are well-compiled. After application of field edit information they will be adequate.

53. MAP ACCURACY

No tests were specified.

54. RECOMMENDATIONS

It would be very helpful to the field editor in plotting fixes if alongshore and offshore triangulation stations and interior elevated objects that have positions were plotted on the cronaflex.

55. EXAMINATION OF PROOF COPY

Not required.

submitted 5/11/67

William H. Shearouse
William H. Shearouse
Chief, Photo Party 60

REVIEW REPORT
T-12626 THRU T-12634
CHART COMPILATION
APRIL 1968

61. General Statement

(See Summary in the preface for a review of project objectives and methods used.)

Upon completion of the initial compilation, it was found that the 1:40,000 scale surveys with extensive planimetry, required the inking of minute features with a fine weight of line. Subsequent use of the inked manuscripts resulted in the near loss of these features by abrasion. For this reason, three of the manuscripts were scribed to obtain a clear, clean copy. In the future, chart compilations at 1:40,000 scale with intricate features such as causeways, boat ramps, piers, etc. should either be compiled at 1:20,000 scale and reduced photographically or scribed.

62. Comparison with Registered Topographic Surveys

Comparison was made with the prior surveys listed under Item 46 of the Compilation Report. The new surveys supersede the prior surveys for nautical charting.

63. Comparison with Maps of Other Agencies

A comparison was made with two 1:250,000 scale USGS maps covering the project area. They were Miami, dated 1956, (limited revision 1962) and Key West, 1956, (limited revision 1966). A portion of USGS quadrangle Sugarloaf Key, 1:24,000 scale and Saddlebunch Key, 1:24,000 scale coincided with T-12629 and T-12633 and were compared for features such as mangrove. This was the extent of USGS coverage.

64. Comparison with Contemporary Hydrographic Surveys

Comparison was made with the prior hydrographic surveys listed under Item 46 of the Compilation Report. There are no contemporary hydrographic surveys in the area. In comparison with the prior surveys, many differences were apparent in the shoreline configuration and the delineation of scattered mangrove islets. The new surveys revealed the loss of some previously charted small keys and the addition of newly formed mangrove islets. The differences were normal for the thirty years between surveys and the fact that the area is subject to frequent hurricanes.

65. Comparison with Nautical Charts

Comparison was made with the charts listed in Item 47 of the Compilation Report. Differences noted between the published charts and

- 2 -

the new surveys were noted on a Comparison Print for each survey. These prints were cut to letter size and are included in this report.

66. Adequacy of Results and Future Surveys

The nine surveys of this project comply with project instructions.

Tide controlled infrared photography was flown in an effort to delineate by office methods the mean low water line. Florida Bay is very shallow with clear water affected by winds as well as tide. The many "banks" throughout the bay that were interpreted as bare at MLW from the infrared photographs were noted by the field editor as having 6 to 12 inches of water cover at MLW, with grass growth above water. It was decided therefore, to show these areas as shoal or shallow with isolated MLW sand bars. This delineation will aid in the planning of future hydrographic surveys.

Shoal and shallow areas with accompanying channels were not extensively compiled on T-12629, 12630, 12633, 12634 and part of T-12631 as the infrared photo coverage was flown at near high water and the color looked in to the water too clearly to accurately define the limits. These banks should be shown as published on the chart until new hydrography.

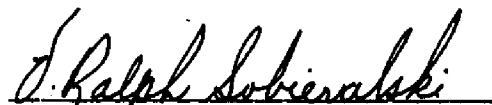
The surveys comply with the National Standards of Accuracy.

Approved by:

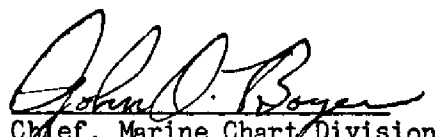

Chief, Photogrammetric Branch *AdP*

Reviewed by:


Jeter P. Battley, Jr.


Chief, Photogrammetry Division

JUL 2 1968


Chief, Marine Chart Division

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

C&GS FORM 567
(11-51)

NONFLOATING AID TO NAVIGATION LANDMARKS FOR CHARTS

1 of 3

TO BE CHARTED
TO BE REVISED
TO BE DELETED

Homestead, Florida April 14, 1966

I recommend that the following objects which have *been* inspected from seaward to determine their value as landmarks be charted on *(deleted)* the charts indicated.

The positions given have been checked after listing by Richard E. Kesselring

William H. Shearwater Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION			DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE	LONGITUDE	DATUM						
				D. M. METERS	D. M. METERS	D. M. METERS						
				° ' "	° ' "	° ' "						
				25 03.4	80 31.2	12 40.6	N.A.	Photo plot	2/2/67	X	X	141-50, 850
	RADIO TOWER	Skeleton steel, orange and white, ht. = 229 (234)		24 700	760.0	12 40.6	1927	T-12628	8/19/65	X	X	1250
	RADIO TOWER	Skeleton steel, orange and white, ht. = 203 (208)		25 00	31.924	10.537	"	TRIP	2/2/67	X	X	"
		(, IN VERTICALLY, U.S. IMMIGRATION, RADIO MAST, 1961)		922.3	295.6			T-12628		X	X	"
	MICROWAVE TOWER	Skeleton steel, orange and white, ht. = 164 (169)	↓	24 54.4	24.859	44 29.3	"	Photo plot	2/2/67	X	X	"
	RADIO TOWER	Skeleton steel, orange and white, ht. = 187 (191)	↓	24 54.3	18.139	53.893	"	"	2/3/67	X	X	"
	PALM TREE	ht. = 51 (55)		24 50.1	8.905	45.9	"	Photo plot	4/10/67	X	X	141-50, 851
	DOVE	Spherical dome elevated on skeleton steel tower, ht. = 97 (104)		24 49.3	16.576	49.2	"	"	8/12/65	X	X	1250
	MICROWAVE TOWER	Skeleton steel, orange and white, ht. = 175 (179)		24 48.8	510.7	35.0	"	"	4/10/67	X	X	"
	MICROWAVE TOWER	Skeleton steel, aluminum, ht. = 92 (93)		24 45.8	45.502	57.0	"	"	4/10/67	X	X	"
	MICROWAVE TOWER	Skeleton steel, orange and white, ht. = 146 (149)		24 42.3	20.323	1052.2	"	Photo plot	4/10/67	X	X	141-50, 852
	MICROWAVE TOWER	Skeleton steel, orange and white, ht. = 220 (225)		24 42.7	625.3	1052.2	"	"	4/10/67	X	X	1250
	34 TOWER	Concrete, white, ht. = 53 (57)		24 42.7	39.876	1271.6	"	"	4/10/67	X	X	"
	33 TOWER	Skeleton steel, orange and white (U.S. Border Patrol Radio Tower), ht. = 214 (210)		24 38.8	49.079	567.2	"	Photo plot	2/19/67	X	X	141-50, 853
		"This tower is within 10 feet of destroyed station marker, U.S. NAVY, 1961		1510.	93.270	1498.	"	T-12633	2/19/67	X	X	1251
												48

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

USCOMM-DC 10234-P81

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 2 of 3

April 22, 1966

TO BE CHARTED
TO BE REVISED
TO BE DELETED

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

*: Field Verification Date.

XX FIELD VERIFICATION DATE

JUSCOMM-DC 10234-P01

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~

NON-FLOATING AIDS OR LANDMARKS FOR CHARTS

Marathon, F/2. May 4 1967

I recommend that the following objects which have *(have=not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted=from)* the charts indicated.

The positions given have been checked after listing by L. A. DAVIS

William H. Fitzgibbon	Chief of Party.
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②

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not be individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

USCOMM-DC 10234-P01

ENGINEERING FOR LANDMARKS FOR CHARTS

April 14, 1966

Honolulu, Florida

STRIKE OUT TWO

TO BE DELETED

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be ~~deleted from~~ *(deleted from)* the charts indicated.

The positions given have been checked after listing by **Richard E. Kesselring**

William B. Shearman *Chief of Party.*

WILLIAM B. SHEPHERD

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

USCOMM-DC 16234-P61

NONFLOATING AIDS-OR LANDMARKS FOR CHARTS

STRIKE OUT TWO

Marston, F/A. May 4, 1967

I recommend that the following objects which have *(have-not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by L. H. Davis

William A. Sizoo Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
--TO BE REVISED
--TO BE DELETED--

STRIKE OUT TWO

I recommend that the following objects which have *(have-not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by

William H. Fitzgerald, Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *non-floating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

USCOMM-DC 18234-P61

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

Marathon, Florida April 15, 1967

I recommend that the following objects which have *(have-not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by L. H. Davis

William H. Stearns Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

TABULATE SECONDS AND METERS

NONFLOATING AIDS TO NAVIGATION FOR CHARTS 1 of 1

~~MCNEIGHAN~~
~~MCNEIGHAN~~
TO BE DELETED

STRIKE OUT TWO

Bonestead, Florida

April 15, 1966

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be ~~deleted (deleted from)~~ the charts indicated.

The positions given have been checked after listing by Richard E. Kesselring

William H. Shearouse Chief of Party

STATE		FLORIDA		POSITION					METHOD OF LOCATION SURVEY NO.	DATE OF LOCATION	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE*		LONGITUDE*			DATUM					
			° ' "	D. M. METERS	° ' "	D. P. METERS							
	HAWK CHANNEL												
AYEN 5	DUCK KEY YACHT HARBOR		24 45.8			80 54.7		N.A. 1927	8/24/65	X			851
AYEN 6	" " " "		24 45.9			80 54.7		"	"	X			"
AYEN 2	BOOT KEY HARBOR		24 41.9			81 07.2		"	2/16/66	X			141-SC, 851 1250
AYEN 2	MOSER CHANNEL SOUTH		24 41.1			81 10.0		"	"	X			141-SC, 851 1251
AYEN 4	" " " "		24 41.3			81 10.1		"	"	X			"
	SUGARLOAF CHANNEL												
AYEN 10	PIRATES COVE		24 39.2			81 30.7		"	2/3/66	X			853 1251
AYEN 12	" " " "		24 39.4			81 30.8		"	"	X			853, 859 1251
AYEN 14	" " " "		24 39.6			81 30.9		"	"	X			"
	BIG SPANISH CHANNEL -- KEY WEST												
	BIG SPANISH CHANNEL												
AYEN 9	BIG PINE KEY		24 44.1			81 23.1		"	3/16/66	X			853, 859 1251
AYEN 34	HOME KEY		24 45.3			81 24.2		"	3/17/66	X			859 1251

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1 of 22

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED

* WASHINGTON, D.C.

Westport, Florida

STRIKE OUT TWO

April 11, 1966

I recommend that the following objects which have ~~(have been)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by Richard F. Kesselring

* positions listed were scaled in the Wash. Office

in Aug. - Oct 1967, (except triangulation)

William H. Sherrouse Chief of Party

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION			DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE	LONGITUDE							
				D. M. METERS	D. M. METERS	D. P. METERS						
LIGHT 61	FLORIDA	INTRACOSTAL WATERWAY		25 03.5	80 31.2	14.751	H.A.	photo plot	2/2/67	X		141-SC, 850
LIGHT 62		BISCAYNE BAY - LONG KEY		25 02.2	80 31.1	103.495	"	"	2/2/67	X		"
DAYBN 62A		"		25 02.0	80 31.1	200.0	"	"	2/2/67	X		"
DAYBN 64		"		25 01.9	80 31.2	317.6	"	"	2/2/67	X		"
DAYBN 64A		"		25 01.8	80 31.3	20.328	"	"	2/2/67	X		"
LIGHT 65		RAMS HORN SHOAL		25 01.6	80 31.8	124.6	"	"	2/2/67	X		"
DAYBN 2		COMMUNITY HARBOR		25 01.3	80 31.5	29.873	"	next to	2/2/67	X		"
DAYBN 3		"		25 01.0	80 31.1	179.6	"	"	2/2/67	X		"
DAYBN 4		"		25 01.0	80 31.2	204.8	"	"	2/2/67	X		"
DAYBN 66		RAMS HORN SHOAL		25 01.4	80 32.0	164.3	"	"	2/2/67	X		"
DAYBN 67		"		25 01.4	80 32.0	1678.0	"	"	2/2/67	X		"
DAYBN 68		"		25 01.4	80 32.1	202.0	"	"	2/2/67	X		"

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS ** Date of Field Edit Verification

USCOMM-DC 25412-061

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U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

2 of 22

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

Hammond, Florida April 11, 1966

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by Richard E. Kesselring

William H. Shearouse Chief of Party

FLORIDA				POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE #		LONGITUDE #								DATUM
				°	'	"	D. M. METERS							
39	DAYEN 69	RUMBLE SHOAL		25	01.3	20.605	0	32.1	N.A.	2/2/67	X	X	X	141-A, 550
40	LIGHT 70	"		25	01.3	630.0	0	32.3	1927	2/2/67	X	X	X	1250
41	LIGHT 71	"		25	00.9	590.0	0	32.3	"	2/2/67	X	X	X	"
42	LIGHT 72	"		25	00.9	56.745	0	32.9	"	2/2/67	X	X	X	"
43	LIGHT 73	COPPER		25	00.5	832.4	0	33.4	"	2/2/67	X	X	X	"
44	DAYEN 73A	"		25	00.4	700.0	0	33.4	"	2/2/67	X	X	X	"
45	DAYEN 74	"		25	00.4	748.4	0	33.5	"	2/2/67	X	X	X	"
46	DAYEN 74A	"		25	00.1	276.0	0	33.6	"	2/2/67	X	X	X	"
47	DAYEN 75	"		25	00.1	240.0	0	33.6	"	2/2/67	X	X	X	"
48	DAYEN 76	"		25	59.9	1812.2	0	33.7	"	2/2/67	X	X	X	"
49	DAYEN 76A	"		24	59.9	1716.4	0	33.7	"	2/2/67	X	X	X	"
50	LIGHT 78	"		24	59.7	1345.2	0	33.9	"	2/2/67	X	X	X	"
51	DAYEN 78A	EAST KEY		24	59.2	455.7	0	34.0	"	2/2/67	X	X	X	"
52	DAYEN 80	CORVEN KEY		24	59.0	514.348	0	38.1	"	2/2/67	X	X	X	"
53	LIGHT 81	"		24	57.6	1077.7	0	38.2	"	2/2/67	X	X	X	"

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

USCOMM-DC 16234-P 61

* TABULATE SECONDS AND METERS * * * Date of Field Edit verification

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT TWO

TO BE CHARTED
NOT TO BE REVISED
NOT TO BE DELETED

April 11 1966

Homestead, Florida

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by Richard E. Kessling

William H. McFarland Chief of Party

STATE			FLORIDA			POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION * 1/6/67	NEARBY CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE*		LONGITUDE*		DATUM								
			D.M.	D.P.	D.M.	D.P.									
62	COTTON KEY		24 57.5	21.796	80 33.6	1097.4	1927	9/2/65	X		11-33, 550				
84	SMALL KEY		24 57.0	57.535	80 31.2	13.363	"	2/1/67	X		1250				
86	"		24 55.8	1770.3	80 39.7	374.9	"	2/1/67	X		"				
87	"		24 55.8	47.694	80 39.7	31.828	"	2/1/67	X		"				
88	"		24 55.4	14.275	80 39.7	893.0	"	2/1/67	X		"				
89	"		24 56.4	24.147	80 39.9	51.534	"	2/1/67	X		"				
90	"		24 56.4	747.0	80 39.9	1445.9	"	2/1/67	X		"				
91	"		24 56.3	21.580	80 40.0	10.20	"	2/1/67	X		"				
92	"		24 56.4	664.0	80 40.1	0.0	"	2/1/67	X		"				
93	"		24 56.4	21.807	80 40.1	64.542	"	2/1/67	X		"				
94	"		24 56.3	677.0	80 40.1	127.6	"	2/1/67	X		"				
95	"		24 56.3	20.387	80 40.1	24.241	"	2/1/67	X		"				
96	"		24 56.0	53.279	80 40.9	119.0	"	2/1/67	X		"				
97	"		24 56.0	53.279	80 40.9	52.353	"	2/1/67	X		"				
98	"		24 56.5	1808.5	80 39.9	1469.1	"	2/1/67	X		"				
99	"		24 56.5	878.6	80 39.9	53.732	"	2/1/67	X		"				
99A	LIGHTHOUSE KEY		24 55.3	17.944	80 41.9	1508.0	"	2/1/67	X		951				
99B	"		24 55.3	552.8	80 41.9	55.874	"	2/1/67	X		"				
92	BOWERS CUT		24 56.4	23.204	80 43.8	1567.9	"	9/2/65	X		"				
93	"		24 56.4	714.1	80 43.8	45.608	"	2/1/65	X		"				
94	"		24 56.4	27.364	80 43.7	1280.8	"	2/1/65	X		"				
95	"		24 56.4	688.1	80 43.7	43.965	"	2/1/65	X		"				
95A	"		24 56.2	13.002	80 43.8	1233.9	"	2/1/65	X		"				
95B	"		24 56.2	400.1	80 43.8	50.953	"	2/1/65	X		"				
95C	"		24 56.2	400.1	80 43.8	1430.0	"	2/1/65	X		"				

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS * * Date of Field Edit Verification

~~TO BE CHARTED~~
~~TO BE REVISED~~
~~TO BE DELETED~~

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

22

Monrovia, Liberia

April 17, 1966

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by **Richard E. Josseling**

William H. L. W. W. Chief of Party.

STATE			FLORIDA			POSITION					METHOD OF LOCATION AND SURVEY		DATE OF LOCATION		HARBOR CHART		INSHORE CHART		OFFSHORE CHART		CHARTS AFFECTED	
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE		DATUM															
			°	'	°	'																
DAVEN 96	BOARDS CUT		24	54.0	80	43.9	1927	T-1233	9/12/65	X	X										1253	
DAVEN 97	"		24	54.1	80	43.9	"	"	2/3/67	X	X										"	
DAVEN 98	"		24	54.1	80	46.0	"	"	8/13/67	X	X										"	
LIGHT 2	LOWER MATEOU AB		24	51.4	80	44.0	"	"	8/13/67	X	X										"	
DAVEN 1K	LONG KEY		24	51.0	80	47.0	"	"	4/11/67	X	X										"	
DAVEN 1	"		24	51.0	80	50.0	"	"	4/11/67	X	X										"	
DAVEN 2	"		24	50.6	80	51.8	"	"	4/11/67	X	X										"	
	LONG KEY - ROVER CHANNEL																					
DAVEN 2K	LONG KEY BANK		24	49.9	80	49.8	"	"	8/11/65	X	X										"	
DAVEN 4K	"		24	49.6	80	52.2	"	"	4/11/67	X	X										"	
DAVEN 4	OLD SUELT BANK SOUTH-EAST END		24	48.8	80	52.0	"	"	8/17/65	X	X										"	
DAVEN	"		24	49.1	80	51.8	"	"	4/12/67	X	X										"	
DAVEN	"		24	49.3	80	53.0	"	"	4/12/67	X	X										"	

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-35, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS * * Field Edit Verification Dates.

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

5 of 22

STRIKE OUT TWO

TO BE CHARTED
TO BE REVISED
TO BE DELETED

Hammonton, Florida

April 11 1966

I recommend that the following objects which have ~~(delete from)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(delete from)~~ the charts indicated.

The positions given have been checked after listing by Richard R. Koenig

William J. Clarys Chief of Party

STATE			FLORIDA			POSITION				METHOD OF LOCATION AND SURVEY NO.		DATE OF LOCATION		INSHORE CHART		OFFSHORE CHART		CHARTS AFFECTED	
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE		D.M. METERS	D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED					
			°	'	°	'													
54 LIGHT 5	CHAMBERLAIN KEY		24 43.7	41.175	80 54.6	39.241	1074.0	1927	T-12031	9/12/62	X	X	1250						
7 D. L. 7	"		24 43.6	40.265	80 54.7	42.943	1206.0	"	"	4/12/67	X	X	"						
8 D. L. 8	"		24 43.7	41.175	80 54.8	44.646	1310.1	"	T-12031	4/12/67	X	X	"						
9 D. L. 9	"		24 47.7	47.517	80 55.7	41.401	1163	"	T-12031	8/14/65	X	X	"						
10 D. L. 10	"		24 47.1	33.665	80 57.5	33.229	933.3	"	"	1/20/67	X	X	"						
11 D. L. 11	WASSY KEY		24 45.3	19.635	81 01.9	51.419	1411.5	"	T-12031	2/23/63	X	X	1250						
12 D. L. 12	WASSY KEY		24 45.7	45.050	81 04.0	39.141	1071.7	"	T-12031	4/27/67	X	X	"						
13 D. L. 13	WASSY KEY		24 43.6	47.660	81 07.6	31.175	876.2	"	"	2/23/66	X	X	"						
14 D. L. 14	WASSY KEY		24 42.9	54.008	81 07.6	35.072	984.5	"	"	4/17/67	X	X	"						
15 D. L. 15	WASSY KEY		24 45.6	31.476	81 06.8	44.384	1303.4	"	T-12031	4/17/67	X	X	"						
16 D. L. 16	WASSY KEY		24 48.9	11.531	81 09.1			"	"	1/20/67	X	X	"						
17 D. L. 17	WASSY KEY		24 45.2	13.923	81 10.3	16.145		"	T-12031	4/17/67	X	X	"						
18 D. L. 18	WASSY KEY			428.4		453.6													

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* TABULATE SECONDS AND METERS Dates in violet are Field Edit Verification dates

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEYTO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 7 of 22

Homestead, Florida

April 12, 1966

I recommend that the following objects which have *(delete word)* been inspected from seaward to determine their value as landmarks be charted on *(delete word)* the charts indicated.

The positions given have been checked after listing by Richard D. Kesselmire

William E. The House Chief of Party

STATE				FLORIDA				POSITION				METHOD OF LOCATION AND SURVEY NO.				DATE OF LOCATION		HARBOR CHART		INSHORE CHART		OFFSHORE CHART		CHARTS AFFECTED	
CHARTING NAME		DESCRIPTION		SIGNAL NAME		LATITUDE #		LONGITUDE #		DATUM		METHOD OF LOCATION AND SURVEY NO.		DATE OF LOCATION		HARBOR CHART		INSHORE CHART		OFFSHORE CHART		CHARTS AFFECTED			
12 DAYTON 26		BIG SPANISH CANYAL				24 47.2		09 24.5		11 24.8		49 74.9		1397.5		4/25/67		X				1551			
11 DAYTON 39		"				24 47.3		19 50.1		11 24.9		54 87.5		1541.5		4/25/67		X				"			
10 DAYTON 38		"				24 47.5		30 22.6		11 25.0		59 21.8		1663.5		4/25/67		X				"			
14 DAYTON 41		"				24 48.2		11 37.5		11 25.3		63 47.4		1677.5		4/25/67		X				"			
13 DAYTON 43		HARBOR LIGHT BAY				24 50.2		10 20.5		11 25.4		35 18.4		1002.0		4/25/67		X				"			
12 DAYTON 45		"				24 50		23 17.9		11 25		40 3.2				4/25/67		X				"			
11 DAYTON 47		HARBOR LIGHT BAY				24 50		40 1		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 48		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 49		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 50		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 51		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 52		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 53		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 54		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 55		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 56		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 57		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 58		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 59		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 60		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 61		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 62		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 63		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 64		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 65		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 66		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 67		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 68		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 69		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 70		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 71		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 72		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 73		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 74		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 75		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 76		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 77		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 78		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 79		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 80		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 81		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 82		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 83		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 84		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 85		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 86		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 87		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 88		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 89		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 90		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 91		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 92		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 93		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 94		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 95		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 96		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
13 DAYTON 97		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
12 DAYTON 98		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
11 DAYTON 99		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			
10 DAYTON 100		HARBOR LIGHT BAY				24 50		11 2.4		11 20		35 14.1		775.0		"		X				"			

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS ** Verification Date

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

8 of 22

1966

Homestead, Florida

TO BE CHARTED
TO BE REVISED
TO BE DELETED

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by Richard N. Roe Glime

STATE				FLORIDA				POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE		DATUM										
			D. M. METERS	° ' "	D. M. METERS	° ' "											
126 33-10-20N 7 -	BIG PIER LIGHT		24 43.8	47.514	81 23.3	58.706	1927		X	X		852, 859, 1251					
127 33-10-20N 8 -	"		24 44.1	02.458	81 23.1	07.117			X	X		"					
128 33-10-20N 10 -	"		24 44.2	08.775	81 23.2	12.044			X	X		"					
129 33-10-20N 12 -	"		24 44.2	14.171	81 23.2	13.807			X	X		"					
130 33-10-20N 13 -	"		24 44.3	16.446	81 23.2	14.839			X	X		"					
131 33-10-20N 15 -	"		24 44.3	20.151	81 23.3	15.835			X	X		"					
132 33-10-20N 17 -	"		24 44.3	21.678	81 23.3	17.970			X	X		852, 1251					
133 33-10-20N 19 -	"		24 44.4	23.141	81 23.3	19.500			X	X		"					
134 33-10-20N 20 -	"		24 44.4	25.936	81 23.4	22.134			X	X		"					
135 33-10-20N 21 -	"		24 44.5	27.919	81 23.4	25.136			X	X		"					
136 33-10-20N 22 -	"		24 44.5	32.891	81 23.5	28.183			X	X		"					
137 33-10-20N 23 -	"		24 44.6	33.216	81 23.5	29.571			X	X		"					
138 33-10-20N 24 -	"		24 44.6	38.839	81 23.5	32.168			X	X		"					
139 33-10-20N 25 -	"		24 44.7	43.487	81 23.6	36.189			X	X		"					

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

* Field Verification Date

USCOMM-DC 18234-P61

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 9 of 22

STRIKE OUT TWO

TO BE CHARTED
AS REVISOR
XO-REVISOR

Honolulu, Florida April 12, 1966

I recommend that the following objects which have ~~(been known)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by Richard E. Kesselring

William H. Shorrouse Chief of Party

FLORIDA														
STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
				LATITUDE		LONGITUDE								DATUM
				°	'	°	'							
123 DAYEN 26 -	BIG PINE KEY			24 44.7	45.144	81 23.7	40.018	N.A. 1927	3/16/66	X	X		659	
125 DAYEN 27 -	"	"		24 44.8	45.631	81 23.8	1126	"	4/24/67	X	X		1251	
124 DAYEN 28 -	"	"		24 44.7	44.656	81 23.9	55.085	"	4/24/67	X	X		"	
126 DAYEN 30 -	HOME KEY			24 44.9	45.275	81 24.0	02.558	"	4/24/67	X	X		"	
127 DAYEN 32 -	"	"		24 45.2	44.660	81 24.1	08.185	"	3/17/66	X	X		"	
128 DAYEN 33 -	"	"		24 45.4	45.320	81 24.2	13.879	"	4/25/67	X	X		"	
129 DAYEN 35 -	"	"		24 45.4	45.655	81 24.4	28.405	"	4/25/67	X	X		"	
130 DAYEN 37 -	"	"		24 45.3	45.346	81 24.8	47.549	"	4/25/67	X	X		"	
131 DAYEN 38 -	"	"		24 45.3	45.291	81 25.1	08.897	"	4/25/67	X	X		"	
132 DAYEN 40 -	"	"		24 45.6	45.101	81 25.6	35.446	"	4/25/67	X	X		"	
133 DAYEN 41 -	"	"		24 46.1	45.525	81 26.4	27.695	"	4/25/67	X	X		"	
134 DAYEN 43 -	"	"		24 46.3	45.917	81 26.7	40.719	"	4/25/67	X	X		"	
135 DAYEN 44 -	WATER KEYS			24 45.0	45.085	81 26.3	25.268	"	4/25/67	X	X		"	
136 DAYEN 46 -	"	"		24 44.9	45.017	81 26.6	710.0	"	4/25/67	X	X		"	

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS * Field Verification Date

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

10 of 22

Hamstead, Florida April 12, 1966

TO BE CHARTED
X TO BE REVISED
X TO BE DELETED

STRIKE OUT TWO

I recommend that the following objects which have ~~been~~ been inspected from seaward to determine their value as landmarks be charted on ~~(the chart)~~ the charts indicated.

The positions given have been checked after listing by Richard E. Kesselring

William R. Shoarhouse Chief of Party

FLORIDA				POSITION				METHOD OF LOCATION OF SURVEY NO.	DATE OF LOCATION	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE							DATUM
				D. M. METERS	D. M. METERS	D. M. METERS	D. M. METERS						
FLORIDA	48 -	WATER KEYS		24 44.7	31 26.9	51.950	1927	T-12633	3/17/66	X X		859	
	50 -	"		24 44.8	31 27.0	56.939	"	"	4/21/67	X X		"	
	52 -	"		24 44.9	31 27.3	4.88	"	"	4/21/67	X X		"	
	54 -	"		24 45.0	31 27.5	28.076	"	"	3/22/66	X X		"	
	56 -	"		24 45.1	31 27.6	34.583	"	"	4/21/67	X X		"	
	58 -	"		24 45.2	31 27.8	46.265	"	"	4/21/67	X X		"	
	59 -	RACCOON KEY		24 44.6	31 28.0	01.916	"	"	4/21/67	X X		"	
	60 -	"		24 44.4	31 28.1	04.053	"	"	4/21/67	X X		"	
	62 -	"		24 44.2	31 28.2	14.083	"	"	4/21/67	X X		"	
	63 -	"		24 44.0	31 28.4	26.404	"	"	4/21/67	X X		"	
FLORIDA	64 -	"		24 43.0	31 28.9	39.628	"	"	4/21/67	X X		853, 859	
	66 -	"		24 43.7	31 29.4	16.046	"	"	4/21/67	X X		1251	
	68 -	"		24 43.6	31 29.6	45.10	"	"	4/21/67	X X		853, 859	
	70 -	BUDD KEYS		24 43.5	31 29.3	872	"	"	4/21/67	X X		1251	
				24 43.5	31 29.3	50.132	"	"	4/21/67	X X		"	
				24 43.5	31 29.3	1409	"	"	4/21/67	X X		"	
				24 43.5	31 29.3	1409	"	"	4/21/67	X X		"	

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

** Field Verification Date

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

11 of 22

Homestead, Florida April 12, 1966

TO BE CHARTED
TO BE REVISITED
TO BE DELETED

STRIKE OUT TWO

I recommend that the following objects which have *(initials)* been inspected from seaward to determine their value as landmarks be charted on *(initials)* the charts indicated.

The positions given have been checked after listing by Richard E. Keessling

William H. Shearouse Chief of Party

FLORIDA				POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE							DATUM
				°	'	°	'						
88	33 DAYEN 71 -	BUDD KEYS		24 43.5	30.905 950.9	81 30.2	22.938 644.7	1029	3/22/66 4/27/67	X		359 1251	
91	33 DAYEN 72 -	"		24 43.6	36.301 1116.9	81 30.6	26.496 744.7		4/27/67	X		"	
96	33 DAYEN 74 -	TARPON BELLY KEYS		24 43.4	23.006 707.9	81 30.7	42.755 1201.7		4/27/67	X		"	
85	33 DAYEN 75 -	"		24 43.3	19.642 605.9	81 30.7	43.396 1219.7		4/27/67	X		359, 859 1251	
94	33 DAYEN 76 -	"		24 43.5	59.120 1819.	81 31.2	10.994 309		4/27/67	X		"	
97	33 DAYEN 78 -	"		24 43.1	09.260 284.9	81 31.7	39.991 1124		4/27/67	X		359	
95	33 DAYEN 80 -	"		24 43.0	56.340 1795.	81 32.1	06.216 177.7		4/27/67	X		1251 359, 859	
96	33 DAYEN 82 -	JOHNSTON KEY		24 43.0	58.047 1786	81 32.7	39.340 1105.7		4/27/67	X		359	
97	33 DAYEN 83 -	"		24 42.6	35.816 1102	81 33.2	13.376 376		4/27/67	X		1251 359, 859	
61	33 DAYEN 85 -	"		24 42.5	41.786 978	81 33.4	28.389 798		4/27/67	X		"	
54	33 DAYEN 87 -	"		24 42.5	30.064 925	81 33.6	33.582 944		4/27/67	X		"	
59	33 DAYEN 89 -	"		24 42.4	45.773 793	81 33.7	40.377 1135		4/27/67	X		"	
58	33 DAYEN 90 -	"		24 42.5	26.716 822	81 33.7	41.337 1162		4/27/67	X		"	

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of this area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

** Field Verification Date

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 12 of 22

TO BE CHARTED
X TO BE REVISED
X TO BE DELETED

STRIKE OUT TWO

Horseshoe, Florida

April 12 1966

I recommend that the following objects which have ~~(been charted)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.
The positions given have been checked after listing by Richard E. Kesselring

William H. Skenehouse Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE		LONGITUDE								
				D. M. METERS	"	D. M. METERS	"	D. P. METERS						
FLORIDA														
		FLORIDA												
		HAUK CHANNEL												
34	DART 4	TAVERNIER		25 00.2	15.56	30 30.4	27.351	N.A.	1927	PORTLAND T-12623	8/18/65	X X		141-56, 1250
24	LIGHT 40	FISH AND CHICKENS SHOAL (FISH AND CHICKENS LIGHT 1924)		24 55	17.24	30 32	50.100	"	"	TRIEN T-12632	2/1/67	X X		"
54	DART 1	CHANNEL FIVE		24 49.1	02.43	30 46.7	43.154	"	"	PORTLAND T-12631	8/16/65	X X		141-56, 1250
55	LIGHT 2	"		24 49.6	35.94	30 46.4	23.109	"	"	PORTLAND T-12631	8/16/65	X X		"
35	DART 1	DUCK KEY YACHT HARBOR		24 45.8	40.77	30 54.7	40.004	"	"	PORTLAND T-12631	8/24/65	X X		"
36	DART 2	"		24 45.8	40.77	30 54.6	38.794	"	"	PORTLAND T-12631	8/24/65	X X		"
37	DART 3	"		24 45.8	40.77	30 54.5	40.004	"	"	PORTLAND T-12631	8/24/65	X X		"
38	DART 4	"		24 45.8	40.77	30 54.6	40.004	"	"	PORTLAND T-12631	8/24/65	X X		"
45	LIGHT 45	EAST TURTLE SHOAL (EAST TURTLE SHOAL BRACON NO. 45, 1935)		24 43	27.59	30 55	27.59	"	"	TRIEN T-12631	4/5/66	X X		"
49	LIGHT 49	EAST WASHINGTON SHOAL		24 40.0	53.71	31 04.4	22.466	"	"	PORTLAND T-12631	8/16/65	X X		141-56, 1250

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS * * * DATE OF FIELD EDIT VERIFICATION

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

13 of 22

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

Homestead, Florida

April 12, 1965

I recommend that the following objects which have *(deleted: find)* been inspected from seaward to determine their value as landmarks be charted on *(deleted: find)* the charts indicated.

The positions given have been checked after listing by Richard E. Knevelink

William H. Shearfield Chief of Party

STATE				FLORIDA				POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE		DATUM										
			D. M. METERS	"	D. M. METERS	"											
160 LIGHT 2	SISTERS CREEK		24 41.2	12.91.3	81 05.2	12.36.7	1927	SCREENED T-12534	3/29/65	X	X	12-36, 852					
161 LIGHT 3	"		24 41.3	18.13.6	81 05.3	16.17.7	"	"	4/17/67	X	X	"					
162 LIGHT 4	"		24 41.3	20.02.4	81 05.3	15.39.1	"	"	4/17/67	X	X	"					
163 LIGHT 6	"		24 41.4	25.34.1	81 05.3	17.08.4	"	"	4/17/67	X	X	"					
164 LIGHT 1	BOAT KEY HARBOR		24 42.0	1761.8	81 07.2	373.0	"	SCREENED T-12634	2/10/68	X	X	"					
165 LIGHT 3	"		24 42.0	00.65.0	81 07.1	14.49.3	"	SCREENED T-12634	4/11/67	X	X	"					
166 LIGHT 5	"		24 42.1	03.57.5	81 06.9	51.07.6	"	"	4/17/67	X	X	"					
167 LIGHT 7	"		24 42.1	06.30.5	81 06.8	51.57.9	"	"	4/17/67	X	X	"					
168 LIGHT 9	"		24 42.2	08.77.5	81 06.7	43.94.4	"	"	4/17/67	X	X	"					
169 LIGHT 10	"		24 42.1	07.67.0	81 06.7	43.15.2	"	"	4/17/67	X	X	"					
170 LIGHT 12	"		24 42.2	10.92.0	81 06.6	24.53.8	"	"	4/17/67	X	X	"					
171 LIGHT 14	"		24 42.2	12.37.0	81 06.6	24.25.8	"	"	4/17/67	X	X	"					
172 LIGHT 16	"		24 42.2	14.64.2	81 06.1	07.04.4	"	"	4/17/67	X	X	"					
173 LIGHT 18	"		24 42.3	16.40.0	81 05.9	52.80.0	"	"	4/17/67	X	X	"					
174 LIGHT 18	"		24 42.3	504.6	81 05.9	1484.2	"	"	4/17/67	X	X	"					

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-35, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

* * Field Verification Date

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 14, of 22

STRIKE OUT TWO

Homestead, Florida

April 12, 1966

TO BE CHARTED
TO BE REVISED
TO BE DELETED

I recommend that the following objects which have ~~(delete from)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(delete from)~~ the charts indicated.

The positions given have been checked after listing by Richard E. Kesselring

William H. Sharfing Chief of Party

STATE			FLORIDA			POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	INSURE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE*		LONGITUDE*	DATUM									
			°	'			°	'							
146 STATION 19	BOAT KEY HARBOR		24	42.2	81 05.8	50.943 1432.0	1927	7-12634	X	X	1250, 852				
165 STATION 20	" " "		24	42.2	81 05.0	54.902 981.1	"	"	X	X	"				
144 STATION 5	MILERS CHANNEL SOUTH See sketch for revised position		24	41.6	81 10.1	04.989 253.2	"	"	X	X	1251, 852				
145 STATION 6	" " " Same		24	41.7	81 10.0	07.912 110	"	"	X	X	"				
146 STATION 2	REPCOND HARBOR CHANNEL ENTRANCE		24	37.1	81 24.4	25.884 728.1	"	1-12633	X	X	1252				
147 STATION 3	REPCOND HARBOR CHANNEL		24	37.7	81 23.8	40.526 1139.9	"	1-12633	X	X	"				
148 STATION 4	MILERS CHANNEL		24	37.6	81 26.9	52.988 1490.5	"	"	X	X	"				
149 STATION 5	" " "		24	37.5	81 25.4	25.525 718	"	"	X	X	"				
150 STATION 6	" " "		24	38.1	81 25.5	29.084 818	"	"	X	X	"				
SUCALOF CHANNEL															
169 STATION 1	PIEDRES CREEK		24	36.5	81 30.7	41.879 1178.1	"	"	X	X	"				
170 STATION 2	" " "		24	36.4	81 30.6	40.157 1129.7	"	"	X	X	"				
171 STATION 3	" " "		24	36.7	81 30.6	24.377 967.1	"	"	X	X	"				
172 STATION 4	" " "		24	36.8	81 30.5	30.219 850.1	"	"	X	X	"				

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

** Field Edit Verification Date

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 15 of 22

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

Honolulu, Florida

April 12, 1966

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by Richard E. Kesselring

William H. Shedd, Chief of Party

STATE			FLORIDA			POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE		DATUM									
			D. M. METERS	D. M. METERS	D. M. METERS	D. M. METERS										
72 DAYTON 5	PIRATES COVE		24 37.1	05.704 156.0	81 30.6	33.242 935.1	11.5 1927			5/2/67	X	X	1251			
73 DAYTON 6	"		24 37.2	11.343 349	81 30.6	33.456 941.1				5/2/67	X	X	"			
74 DAYTON 7	"		24 37.3	14.171 436	81 30.6	36.265 1020.1				5/2/67	X	X	"			
75 DAYTON 8	"		24 37.5	28.342 872	81 30.5	27.445 772				5/2/67	X	X	"			
76 DAYTON 9	"		24 37.6	34.647 1066	81 30.5	26.769 753				5/2/67	X	X	"			
77 DAYTON 10	"		24 37.9	54.409 1674	81 30.4	22.578 635.1				5/2/67	X	X	"			
78 DAYTON 11	"		24 38.5	31.267 962	81 30.5	25.067 705				5/2/67	X	X	"			
79 DAYTON 14	"		24 39.1	01.560 48	81 30.7	38.103 1071.5				5/2/67	X	X	"			
80 DAYTON 13	"		24 39.5	59.414 1828.0	81 30.6	37.001 1040.5				5/2/67	X	X	"			
81 DAYTON 15	"		24 39.2	11.506 354	81 30.8	45.891 1290.5				5/2/67	X	X	"			
HACK CUMMEL																
1 LIGHT	NINEFOOT SHOAL (NINE FOOT SIGNAL LIGHT 1935)		24 34	07.935 225.7	81 33	07.311 217.2				4/6/65 5/2/67	X	X	"			

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 16 of 22

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

Hammock, Florida

April 12 1966

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by Richard E. Kosceiling

William H. Shearouse, Chief of Party

FLORIDA												
CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
			LATITUDE*		LONGITUDE*							DATUM
			° ' "	D.M. METERS	° ' "	D.P. METERS						
	LONG KEY - CAPE SABLE											
41 LIGHT 1	ARSENIC BANK		24 52.2	13.659	80 53.1	02.910	1927	Photo-plot	X		141-SC, 851	
47 LIGHT 2	"		24 52.3	420.3	80 53.2	817	"	T-12631	X	X	1250	
48 LIGHT 3	"		24 52.3	16.252	80 53.2	11.032	"	"	X	X	"	
49 LIGHT 4	TRIPOD BANK		24 52.9	54.220	80 54.7	309.7	"	Photo-plot	X		"	
50 LIGHT 5	SPRINGER BANK		24 54.8	1668.3	80 56.4	40.236	"	T-12631	X	X	141-SC	
24 LIGHT 6	SCHOCHER BANK		24 57.3	1495.4	80 53.8	1129.4	"	Photo-plot	X	X	1250	
25 LIGHT 8	"		24 58.4	49.601	80 59.4	528.8	"	Photo-plot	X	X	"	
26 LIGHT 7	"		24 58.3	758.7	80 59.3	43.324	"	T-12631	X	X	"	
27 LIGHT 10	OC/OOT BANK		24 59.2	25.583	81 00.7	22.391	"	Photo-plot	X	X	"	
28 LIGHT 11	"		25 00.5	787.2	81 00.7	627.7	"	T-12630	X	X	"	
29 LIGHT 9X	SANDY KEY CHANNEL		24 59.8	18.828	81 00.5	10.682	"	Photo-plot	X	X	"	
30 LIGHT 10X	"		25 00.3	579.3	81 00.7	552.1	"	T-12630	X	X	"	
31 LIGHT 12	"		25 00.3	35.243	81 00.5	42.589	"	Photo-plot	X	X	"	
32 DAYEN 12	"		25 01.2	1084.4	81 00.5	1182.6	"	T-12626	X	X	"	
	"		25 00.3	1422.8	81 00.5	871.6	"	Photo-plot	X	X	"	
	"		25 00.3	19.739	81 00.5	26.798	"	T-12631	X	X	"	
	"		25 00.3	607.3	81 00.8	751.5	"	Photo-plot	X	X	"	
	"		25 01.2	13.008	81 00.8	44.294	"	T-12627	X	X	"	
	"		25 01.2	400.22	81 00.8	1242.1	"	Photo-plot	X	X	"	
						1251.0		T-12626	X	X	"	

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

*** Date of verification

STRIKE OUT TWO

W.S.C. ROCKVILLE MD. OCT. 11 1966

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be charted on ~~(deleted)~~ the charts indicated.

The positions given have been checked after listing by

Σ

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and *non-floating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

USCOMM-DC 23412-P61

U.S. DEPARTMENT OF COMMERCE.
COAST AND GEODETIC SURVEY

19 of 22

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~NOT TO BE CHARTED~~
~~NOT TO BE CHARTED~~

STRIKE OUT TWO

Homestead, Florida Feb. 8, 1969

I recommend that the following objects which have ~~(listed)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by James L. Murphy

William H. Shearouse
William H. Shearouse Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE *		LONGITUDE *							
				° ' "	D. M. METERS	° ' "	D. P. METERS						
	FLORIDA												
		LONG KEY--CAPE SABLE											
✓ 66 LIGHT		East Cape Light 2		25 04	58.513	81 04	58.693	N. A. Theod.	1/10/67	X			141-SC
✓ 69 DAYBEACON		" " Daybeacon 1A		25 06	1800.4	81 05	1645.0	"	1/10/67	X			1250, 598-SC
✓ 67 DAYBEACON		" " " 4		25 05	34.742	81 05	15.189	"	1/10/67	X			"
✓ 68 LIGHT		" " Light 5		25 05	12.774	81 03	425.6	"	1/26/67	X			"
✓ 53 DAYBEACON		Joe Kemp Channel Daybeacon 6		25 05	393.05	81 01	721.6	Photo Plot	1/26/67	X			"
✓ 54 DAYBEACON		" " " 3		25 06	44.762	80 53	52.064	T-12626 Sextant	1/26/67	X			"
✓ 55 LIGHT		FLAMINGO CHANNEL LIGHT 9		25 06	1377.45	80 55	145.4	"	1/26/67	X			"
✓ 56 DAYBEACON		" " Daybeacon 10		25 06	23.744	80 57	36.932	"	1/26/67	X			"
✓ 57 DAYBEACON		" " Daybeacon 12		25 07	730.06	80 53	103.48	Photo Plot	1/26/67	X			"
✓ 58 DAYBEACON		" " " 14		25 07	51.174	80 55	19.915	T-12627	1/26/67	X			"
✓ 59 LIGHT		" " Light 15		25 07	157.46	80 55	35.8	Theodolite	11/3/66	X			"
✓ 60 DAYBEACON		" " Daybeacon 16		25 07	23.284	80 55	45.591	"	1/26/67	X			"
✓ 61 DAYBEACON		" " " 18		25 07	716.24	80 55	12.77	"	1/26/67	X			"
✓ 62 DAYBEACON		" " " 14		25 07	47.945	80 55	39.597	"	1/26/67	X			"
✓ 63 LIGHT		" " Light 15		25 07	147.524	80 55	110.8	"	1/26/67	X			"
✓ 64 DAYBEACON		" " Daybeacon 16		25 08	13.461	80 55	32.578	"	11/3/66	X			"
✓ 65 DAYBEACON		" " " 18		25 08	47.921	80 55	31.429	Photo Plot	11/3/66	X			"
✓ 66 DAYBEACON		" " Daybeacon 16		25 08	55.06	80 55	87.0.4	T-12627	1/26/67	X			"
✓ 67 DAYBEACON		" " " 20		25 08	18.200	80 55	28.166	Theodolite	1/26/67	X			"
✓ 68 DAYBEACON		" " " 22		25 08	52.0.0	80 55	78.0	T-12627	11/3/66	X			"
✓ 69 DAYBEACON		" " " 24		25 08	23.627	80 55	20.005	"	11/3/66	X			"
✓ 70 DAYBEACON		" " " 26		25 08	72.770	80 55	560.4	"	11/3/66	X			"

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Marathon, Fla. May 5, 1967

I recommend that the following objects which have *(have=not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted: from)* the charts indicated.

The positions given have been checked after listing by

William H Stearns	Chief of Party.
-------------------	-----------------

STATE	FLORIDA	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	MARCO CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE*		LONGITUDE*		DATUM							
					°	'	°	'								
					D.M. METERS	"	D.P. METERS	"								
(14)	DAYTON 5	HAWK CHANNEL	Moser Channel South		24	41	37.218	81	10	Q7.310 205.5	N.A. 1927	-	-	-	141-35, B32 1251	
(15)	DAYTON 6	"	"		24	41	39.952 1724.2	81	10	59.900 1683.9	"	-	-	-	"	
		LONG KEY - MOSER CHANNEL														
(37)	DAYTON 7	CHANNEL KEY	(Myrtle Estuary) (on page 5)		24	48	40.265 1238.9	80	54	42.943 1206.1	"	-	-	-	141-50, B51 1250	
		BIG SPANISH CHANNEL														
(110)	DAYTON 30	Big Spanish Channel Dayton 30			24	45	21.731 668.1	81	22	23.862 670.5	"	v	v	v	859, 1251	
(15)	DAYTON 32	"	" 32		24	46	25.750 792.3	81	23	54.776 1558.8	"				"	

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

USCOMM-DC 15234-P61

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Marathon; Fla. May 5, 1967

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by L. H. Davis

William H. Fitzgerald Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.7, Sec. 1-35, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

TABULATE SECONDS AND METERS

USCOMM-DC 18234-P61

~~TO BE CHARTED~~
~~TO BE REVISED~~
TO BE DELETED

Margathon Florida April 15, 1967

The positions given have been checked after listing by L. H. Davis

William H. Squireville Chief of Party.

77

* TABULATE SECONDS AND METERS

AERONAUTICAL AID TO COAST AND GEODETIC SURVEY

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

W5C ROCKVILLE, MD

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by

Chief of Party:

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and *non-floating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* * * TABULATE SECONDS AND METERS

USCOMM-DC 25412-P61

[illegible]

THIS Ditch has changed
since chart 59850
3rd edition

East Cape

+ East Cape Dybn 1A

$$8101 \div 100 = 81.01$$

F-12624

2

Ground

20.0018

90.

Comparison Print
(comparison made
with

+ East Cape Dybn 4

Note position of this light (see 567 Forms) --- it does not fall on the intersection of $25^{\circ}05'$ & $81^{\circ}05'$ as shown on Chart 599 Sc 8nd Edition

CHART COMPILATION MANUSCRIPT
(REGISTRATION MANUSCRIPT CO
a section of T-12626

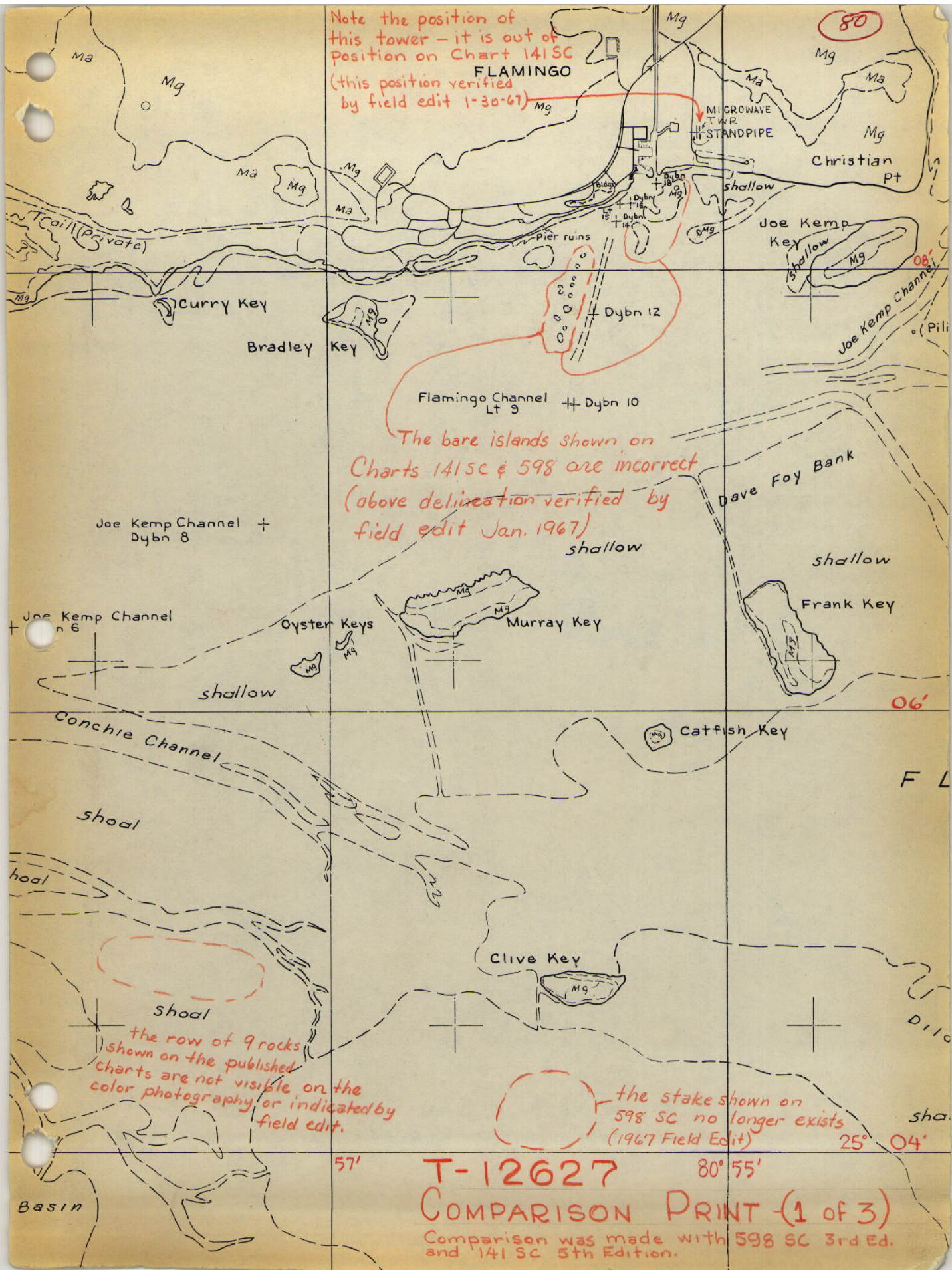
CHART 598 SC

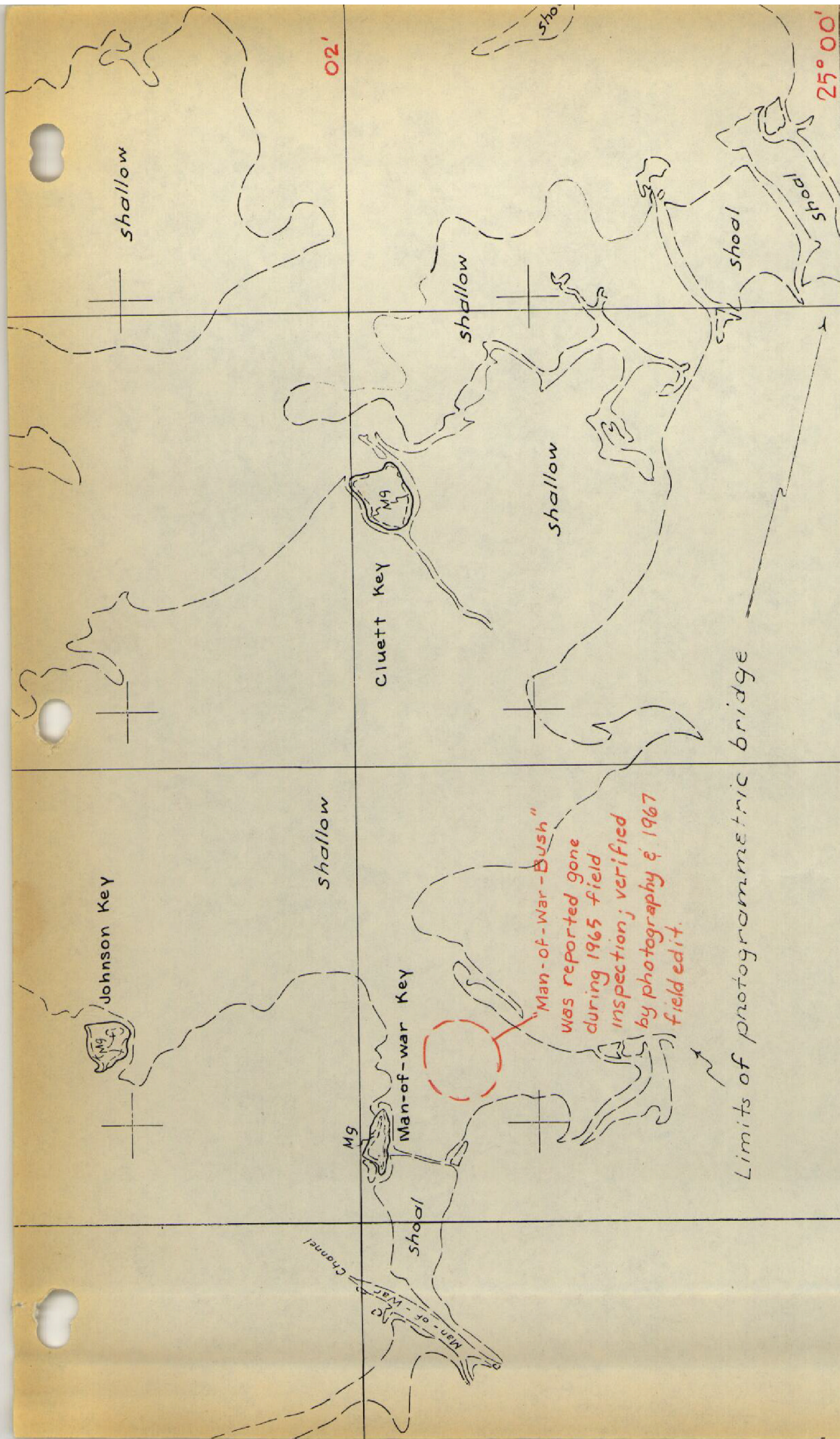
SCALE 1:40,000

MERCATOR PROJECTION
FLORIDA STATE GRID

Date of Field Inspection: Aug. 1965
Date of Photography

(79)



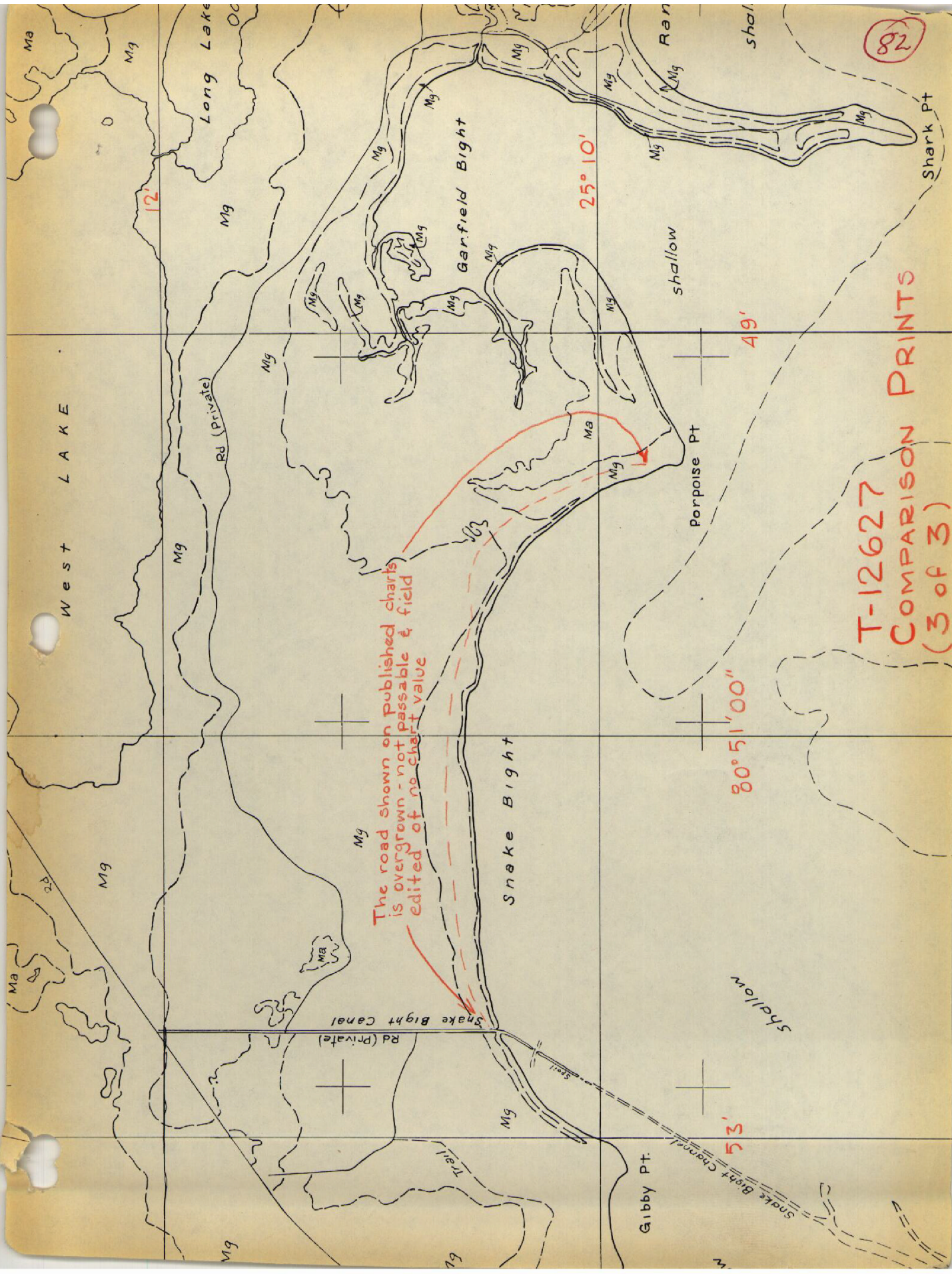


JOINS SURVEY T-12631

T-12627

COMPARISON PRINTS(2 of 3)

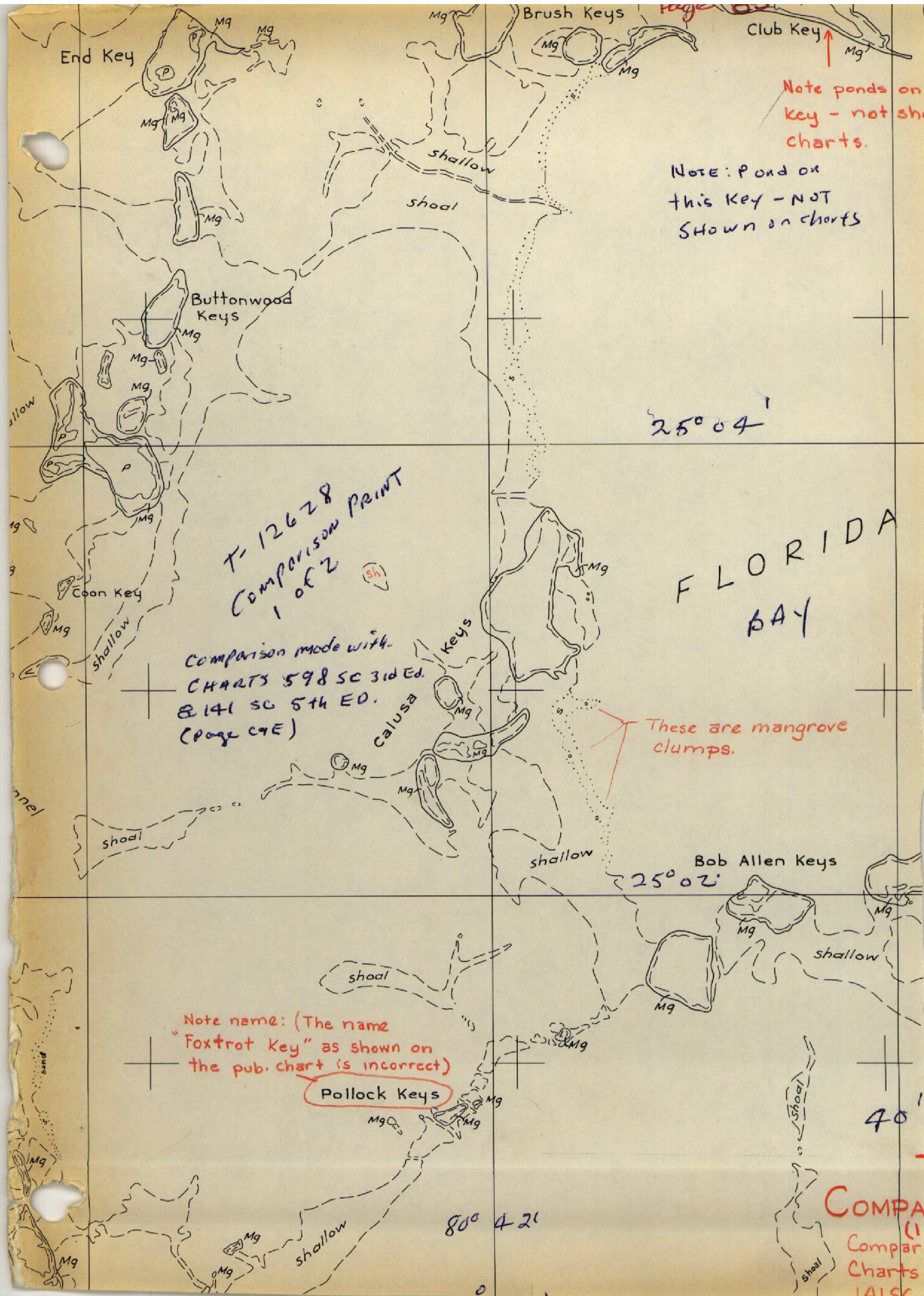
(81)



The road shown on published charts
is overgrown - not passable & field
edited of no chart value

T-12627
COMPARISON PRINTS
(3 of 3)

82



Club Key ↑
Note ponds on
key - not shown
on charts.

NOTE: Pond on
this key - NOT
shown on charts

T-12628
Comparison Print
1 of 2

Comparison made with
CHARTS 598 SC 3rd Ed.
8141 SC 5th Ed.
(Page C4E)

FLORIDA
BAY

These are mangrove
clumps.

Note name: (The name
"Foxtrot Key" as shown on
the pub. chart is incorrect)

Pollock Keys

COMPA
Comparison
Charts
1/15/60

COMPARISON Print
T-12629
Comparison was made
with Chart 859 - 2nd Ed.
Revised 4/25/66

Upper Harbor Key

81° 27'

81° 25'

BIG SPANISH CHANNEL
+ DAY BN 41

Big Spanish Key
+ DAY BN 36
+ DAY BN 34

DAY BN 38
DAY BN 39

25° 47'

+ DAY BN 33

Water

Howe Key
Mangrove

HOWE KEY
+ DAY BN 41

+ DAY BN 43

Cutoe Key

DAY BN 32

Big

Spanish

NEW position located
by sext. FIXES
by field editor
May 1967

NEW position established
by sext. FIX
during Field & Ver. fix May 1967 by F.E.
INSPECTION

+ DAY BN 40

WATER KEYS
DAY BN 44

25° 45'

WATER KEYS
DAY BN 58

BIG SPANISH C
DAY BN 30

HOWE KEY
Annette Key
DAY BN 32

+ DAY BN 33

+ DAY BN 37

+ DAY BN 38

+ DAY BN 39

+ DAY BN 40

+ DAY BN 41

+ DAY BN 42

+ DAY BN 43

+ DAY BN 44

+ DAY BN 45

JOINS SURVEY NO. T-12633
(Note new position)

Note new position,

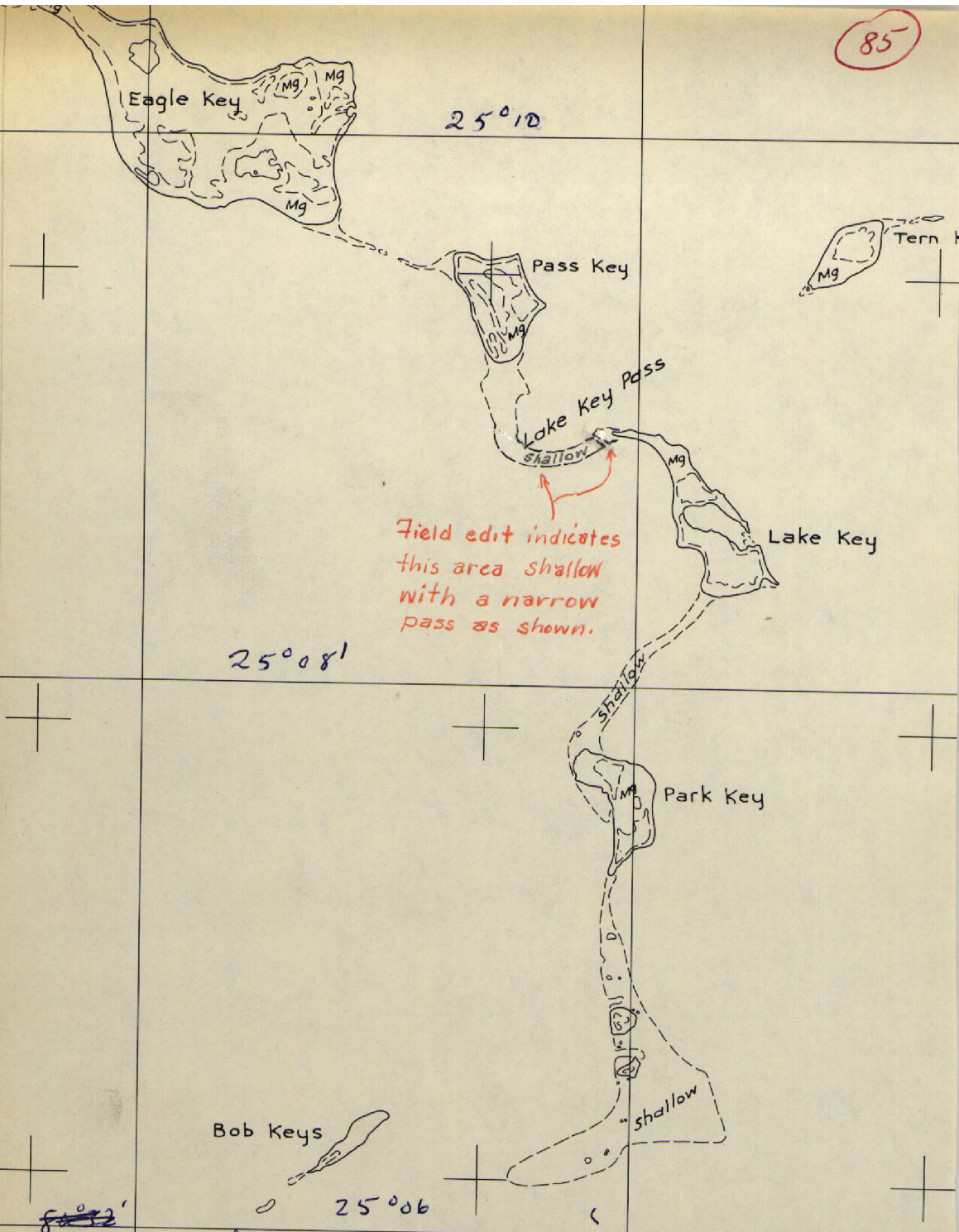
81° 25'

27'

23'

728

85



Field edit indicates
this area shallow
with a narrow
pass as shown.

T-12628
(2 of 2)
COMPARISON

36'

34'

A COMPARISON PRINT WAS NOT PREPARED FOR T-12629 and T-12630 DUE TO SPARCITY OF DETAILS

Channel Key
Daybn 4

(87)

24° 49'

Daybn

8+++ Channel Key Lt 5
Daybn 7

Channel Key
LT 9

Channel Key

Marine charts
Stls section has been
notified of this non-existent
cable; make no correction to
charts until correction is
indicated on air photo
July 11/67

Retain as
as in chart 851
July 11/67

Harbor Cut

the Overhead Pwr Cable
shown on charts
has been removed
poles remain

Piles
Pier
Brkwr

Conch Keys 47'

the rocks awash
shown on Charts 851 & 141 SC
could not be found by the
1967 field edit (delete)

Toms Harbor

Conch Key Channel

Key
Toms Harbor
Keys

Duck Key

Duck Key

Dybn 3

Duck Key Channel

See notation on p. 77

only Daybeacons 1 & 3 still
exist as per 1967 Field Edit
(charts show "2 & 4")

45'

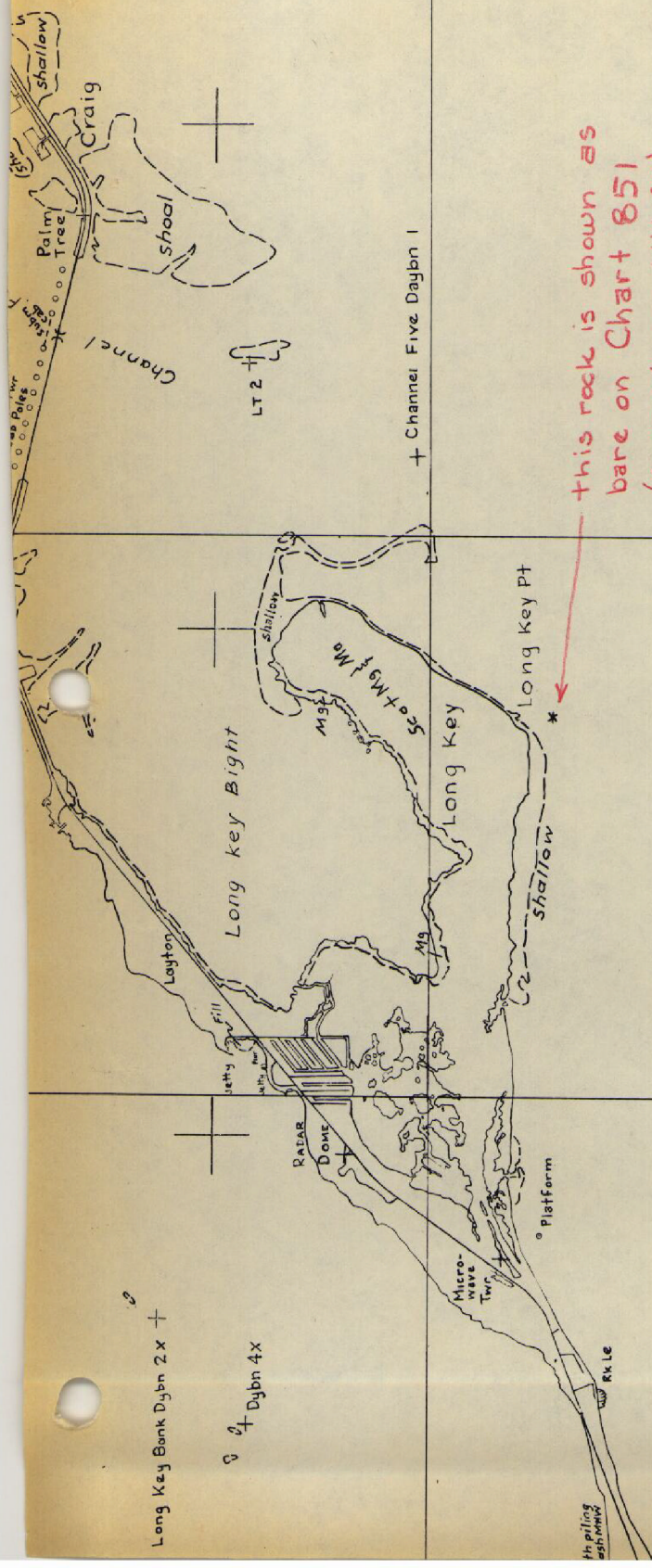
+ T-12631
(1 of 2)

COMPARISON PRINTS

Comparison was made
with 141 SC 5th Ed., corr.
thru Aug. 12 1967 and Chart
851, 2nd Edition.

55'

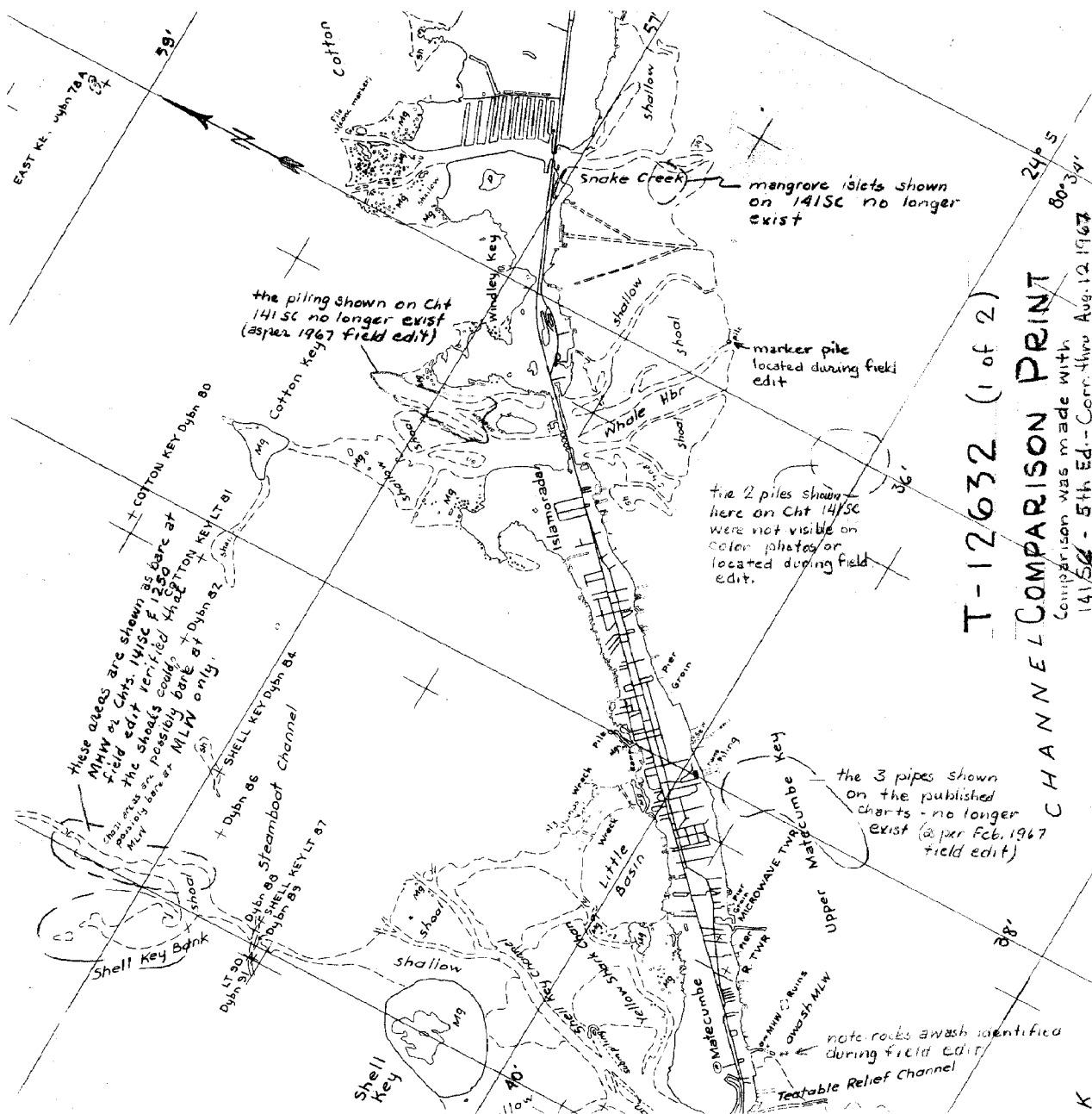
53'



this rock is shown as
bare on Chart 851
(correct on 141 sc)

T-12631
COMPARISON PRINT
(2 of 2)

88



T-12632 (1 of 2)

CHANNEL COMPARISON PRINT

comparison was made with
14156 - 5th Ed. - Corrected Aug. 12 1967
80° 34' 5"

K

Hand-drawn map of Lignum Vitae Key and surrounding area, showing channels, shoals, and various keys. The map includes handwritten notes and a survey line labeled "JOINS SURVEY NO. T-12631". A north arrow is present, pointing towards the top right. The map is oriented with the survey line running diagonally from the top left to the bottom right. Key features include:

- Lignum Vitae Key** at the top right.
- Lignum Vitae Channel** running horizontally across the middle.
- Indian Key Channel** running vertically on the left.
- Indian Key Anchorage** and **Indian Key** at the bottom left.
- Matercumbe Key** and **Matercumbe Bight** in the center.
- Peterson Keys** at the top.

Handwritten notes include:

- "no pile on NW side of Channel as shown on Charts" near the top right.
- "2 rocks shown here on H15C were not visible in field" near the bottom center.
- "no submerged here as per field edit" near the top left.
- "no wreck here" near the top left.

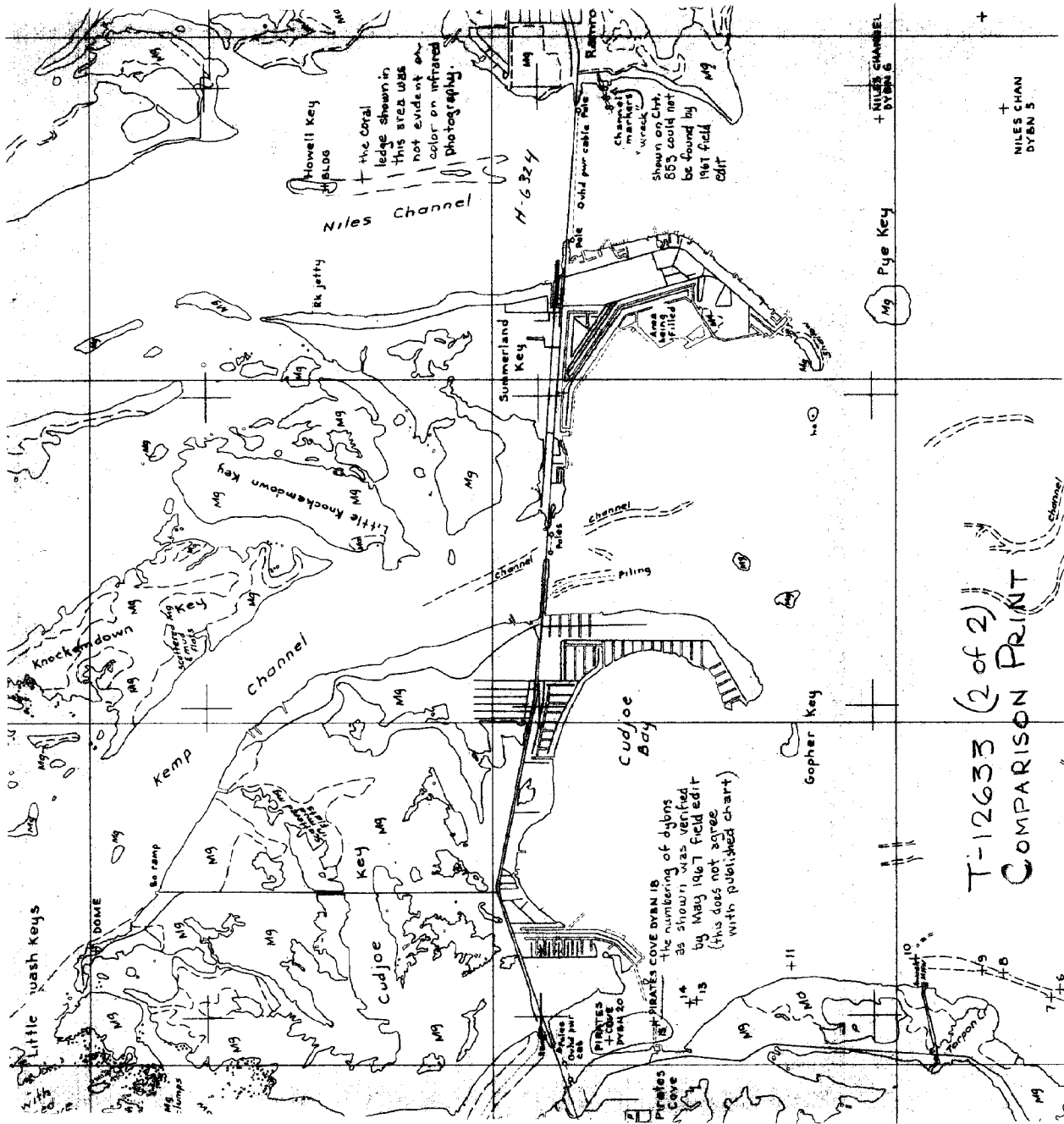
A circled number "96" is in the top left corner. The map is labeled "T-12632 (2 of 2)" in the top right corner.

Lignum
Vibbe

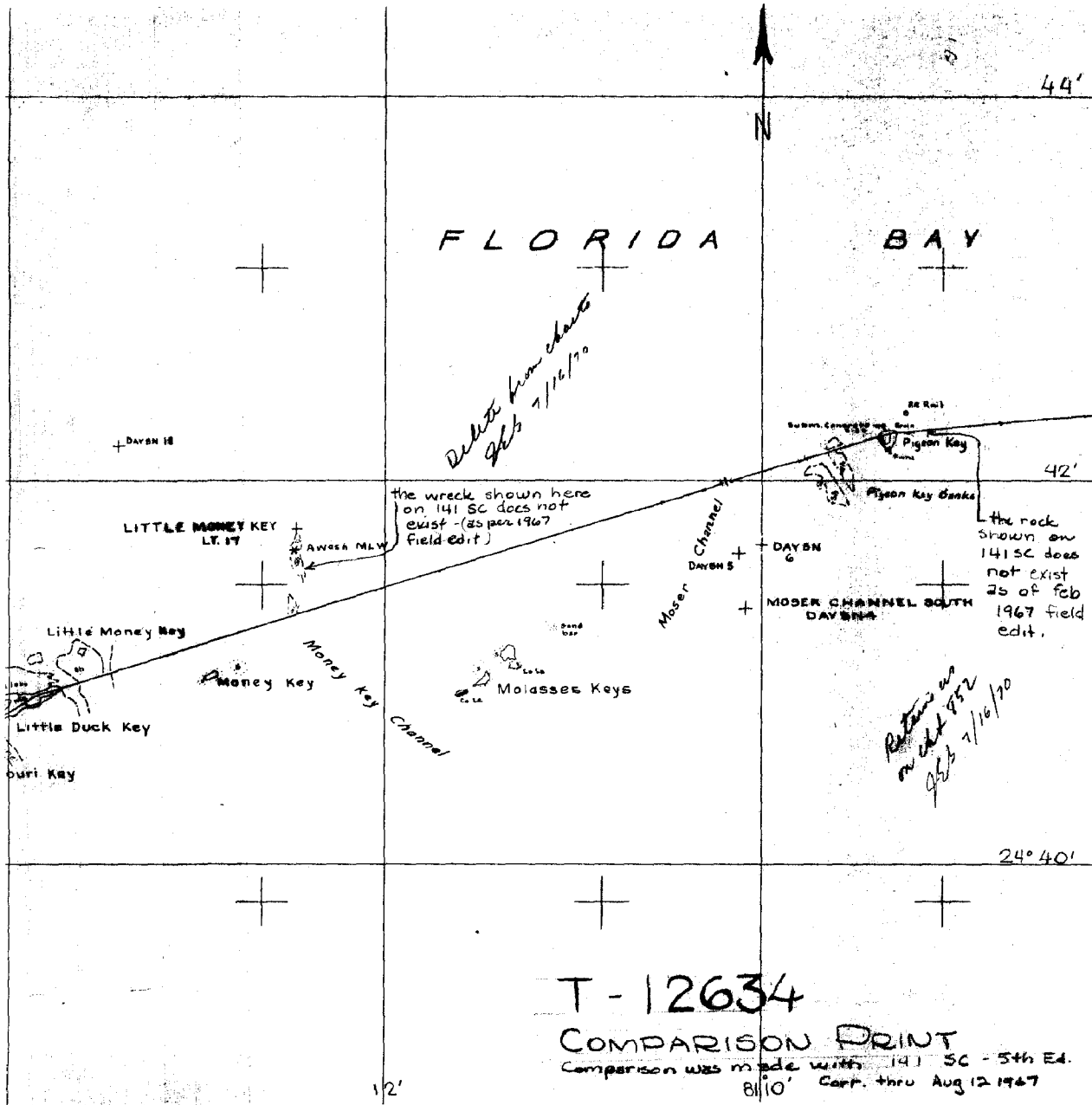
JOINS SURVEY NO. T-12631

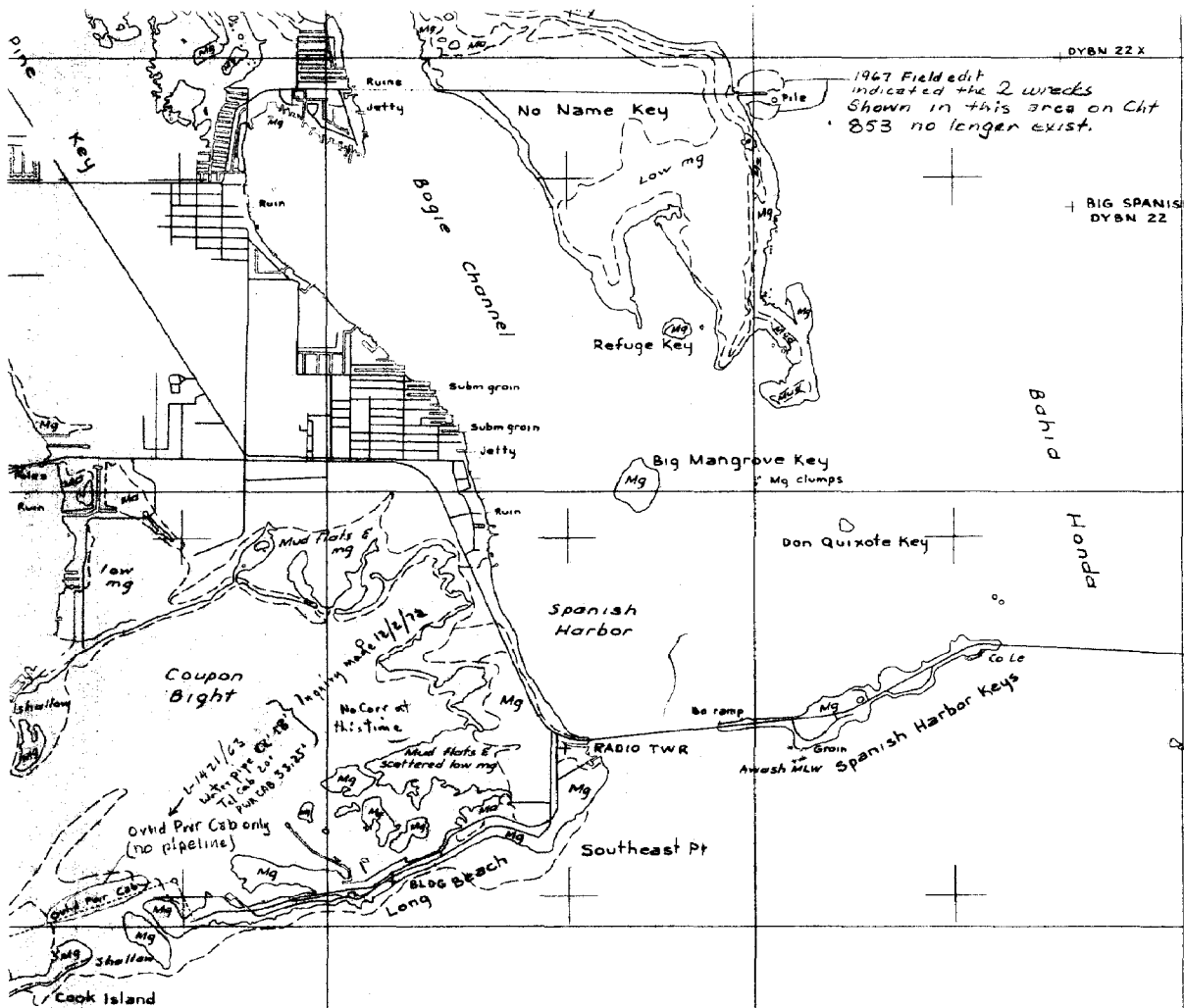
40.
(1947)

Shannon
141 SC
Wheat, not
identified
by 1967
field party
U A V



T-12633 (2 of 2)
COMPARISON PRINT





T-12633 - (1 of 2)
 COMPARISON PRINT
 Comparison was made with
 Chart 853, 5th Ed. dated June 1967

PROJECT 6408 (NORTH)
(RS Sheets 862-871)

The area from Soldier Key southwest to Long. $80^{\circ}30'$ - see attached index - was revised by the Revision Survey Section, April 1966-November 1967. Cronaflex copies of surveys T-8438, T-8640 and T-8801 through T-8808 were revised and field edit applied. Delineation of revised shoreline was accomplished by graphic means and by Wild B-8 stereoplotter where advantageous. All fixed navigational aids and landmarks were located and forms 567 submitted.

Photography used was 1964 W(C) over the entire project with additional 1966 S(C) and 1964 infrared low water photography on sheets RS-869 and RS-871.

All project revision surveys were field edited. Field edit material used for this project is filed at the Federal Records Center. The completed RS sheets are filed as blue prints in the Standards Section of the Nautical Chart Division.

R. Sugden

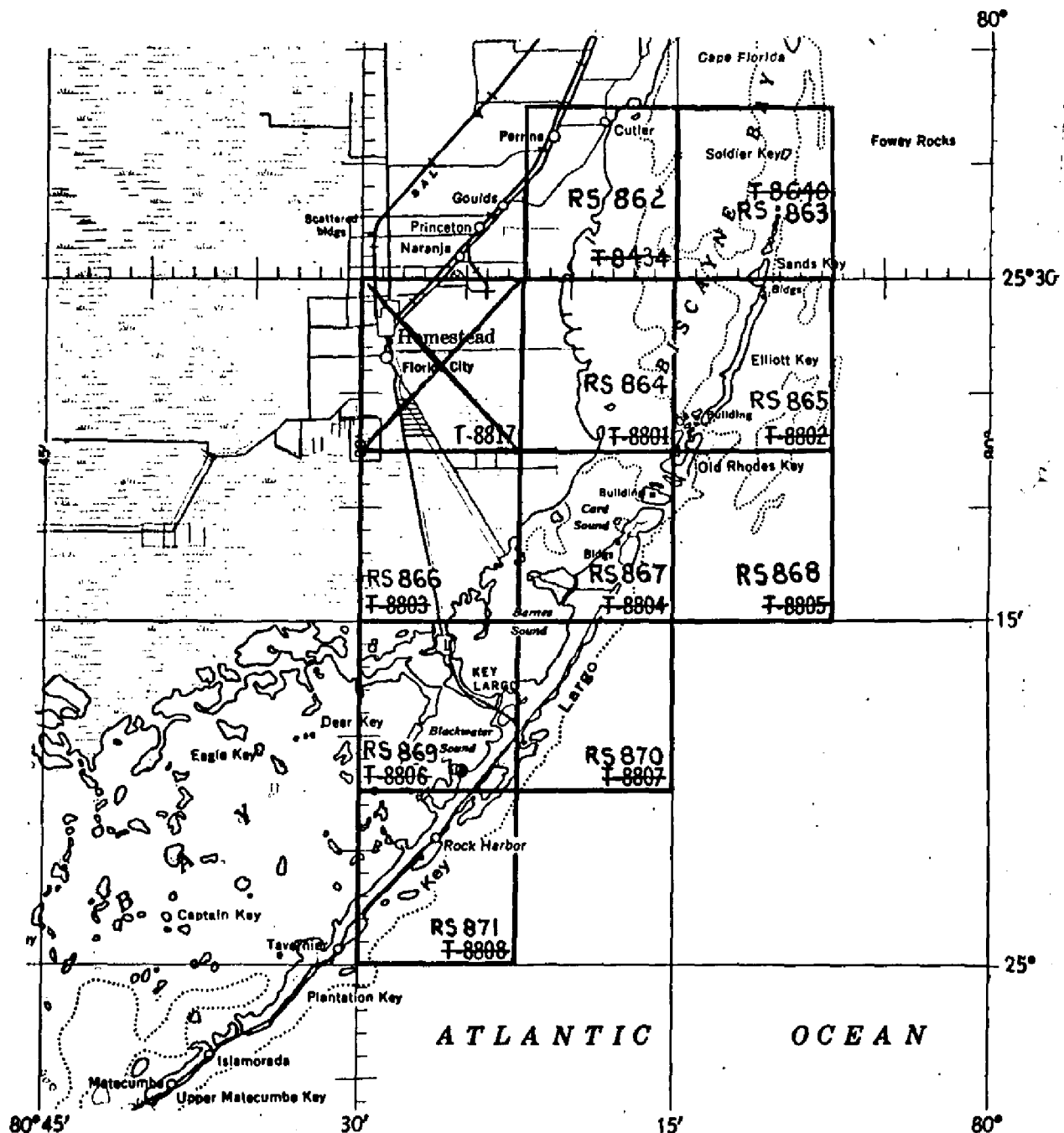
R. Sugden

PROJECT 6408
(RS SHEETS)

95

TOPOGRAPHIC MAPPING PROJECT PH-10448

FLORIDA, Vicinity of Key Largo



Compiled by the U. S. Coast and Geodetic Survey at scale of 1:20,000
Printed and distributed by the U. S. Geological Survey at the scale of 1:24,000

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. _____

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.

2. In "Remarks" column cross out words that do not apply.

3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	Part	REMARKS
859	1/12/70	SEABO	Full Part Before After Verification	Review Inspection Signed Via Drawing No.
853	1/26/70	J. McMillan	Full Part Before After Verification	Review Inspection Signed Via Drawing No. 9 <i>Comparison AREA MADE TO Agree, Except WEST OF Longitude 81° 27' 00"</i>
141-SC	9-11-69	F. Powell Review - Kennon	Full Part Before After Verification	Review Inspection Signed Via Drawing No. T-12626, T-12627, T-12628, T-12632, T-12630, T-12634 & T-12631 D.R. Not available at time of application.
598-SC	5-15-69	S. Anderson	Full Part Before After Verification	Review Inspection Signed Via Drawing No. 4 T-12626 T-12627 T-12628
141-SC	5/6/70	C.B. Samuel	Full Part Before After Verification	Review Inspection Signed Via Drawing No. <i>Reapplied T-12626 thru T-12634</i>
1250	5/6/70	Knoll / 784	Full Part Before After Verification	Review Inspection Signed Via Drawing No. 25 T-12626-28, T-12630-32, T-12634
1253	6/24/70	Schantz, H.M.	Full Part Before After Verification	Review Inspection Signed Via Drawing No. 10 <i>thru 598-SC</i>
1249	7-24-70	Eric' May	Full Part Before After Verification	Review Inspection Signed Via Drawing No. <i>Revised shoreline of Keys via chs 849 850 - & 141 SC</i>
859	8-31-71	R. A. Lillis	Full Part Before After Verification	Review Inspection Signed Via Drawing No. 8 T-12629 and T-12633
11442 (1251)	2/28/75	RNAP	Full Part Before After Verification	Review Inspection Signed Via Drawing No. T-12629, 12630, 12633, 12634 Considered adequately appld. Partially superseded by TP-00460-462, 463-470, 472-473
11451 (141-SC)	5-29-75	A. L. TAYLOR	T-12626, T-12627, T-12631, T-12632, T-12634	CONSIDER ADEQUATELY APPLIED PARTIALLY SUPERSEDED BY TP00456-59, 462-465, 468-471