12626 thru 12634

12626 thru 12634

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Chart Topography

T-12626 thru

Field No. PH-6408 *Office No.* T-12634

LOCALITY

State Florida

General locality Florida Bay

Locality Cape Sable east to Tavernier Key & south to Sugarloaf Key

1964-67

CHIEF OF PARTY

L. F. Woodcock - V. R. Sobieralski
Chief, Div. of Photog. Wash., D. C.

LIBRARY & ARCHIVES

DATE

USCOMM-DC 5087

FORM C&GS-197a
(12-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-12626 thru T-12634

PROJECT NO. (II):

Job PH-6408 ~~Project 21422~~

FIELD OFFICE (II):	CHIEF OF PARTY
Marathon, Florida; Homestead, Florida	W. H. Shearouse
PHOTOGRAMMETRIC OFFICE (III):	OFFICER-IN-CHARGE
Washington Science Center	Capt. L. F. Woodcock

INSTRUCTIONS DATED (II) (III):

Field: April 15, 1964
Supplement 1, January 11, 1965

Photo: August 12, 1965
Office: January 14, 1966

METHOD OF COMPILATION (III):

Stereoscopic, B-8 Plotter

MANUSCRIPT SCALE (III):	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):
1:40,000	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):	VERTICAL DATUM (III):
N.A. 1927	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.:	LONG.:	
24 58'48.847"	80 49'33.455"	☑ ADJUSTED ☐ UNADJUSTED

PLANE COORDINATES (IV):		STATE	ZONE
235,103.80 ft.	x = 557,649.11 ft.	Florida	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.

USCOMM-DC 16276A-P61

(2)

FORM C&GS-181b
(12-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): W. H. Shearouse; R. E. Kesselring	DATE: Aug., 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

FORM C&GS-181c
(3-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

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

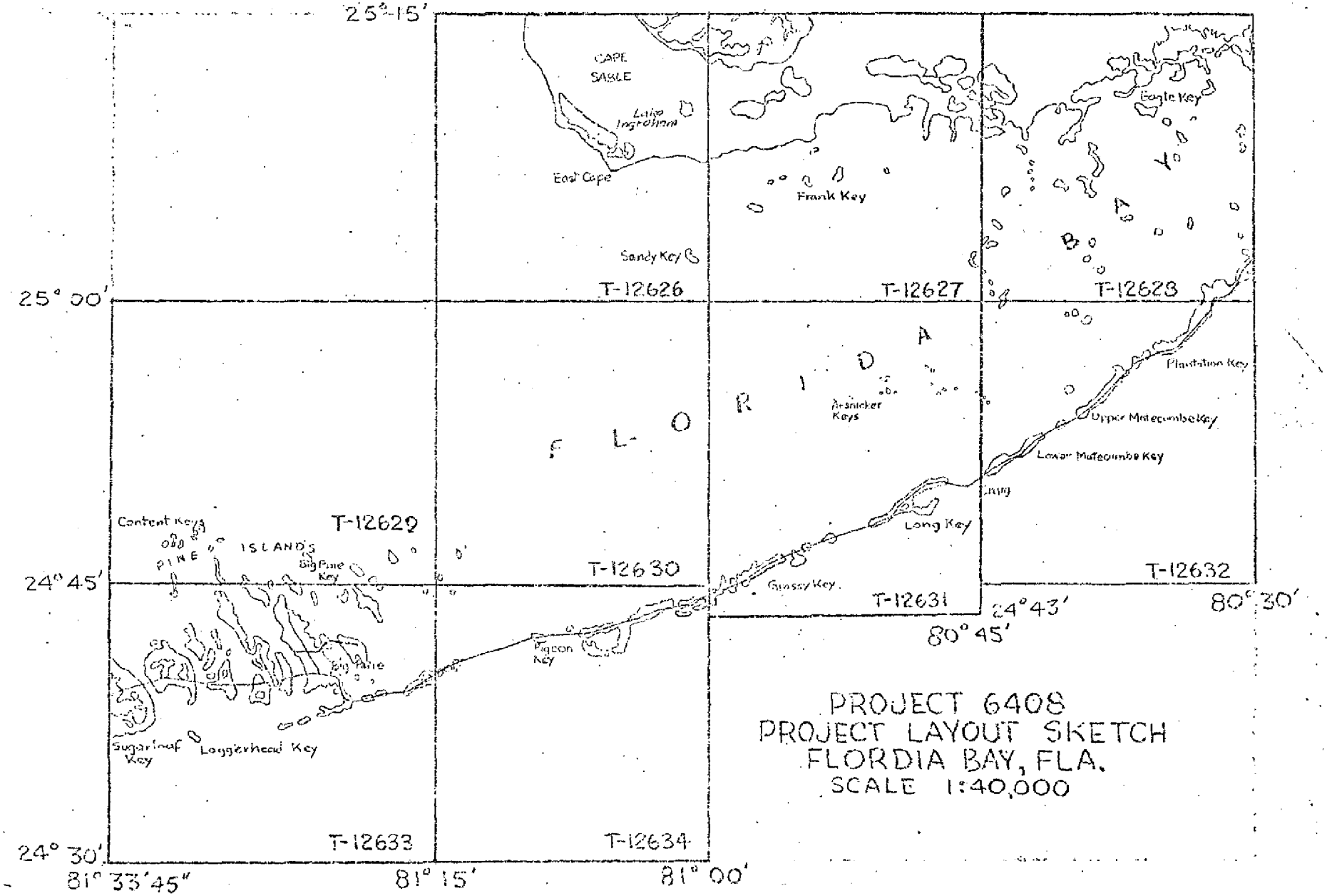
T-12631; One topo station established by third-order methods, described, marked and identified

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'
7170-7189	"	1007-1018	"	0.0' ok
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' (belowMLW)
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	0.2' above MLW
67S8518R-8605R	2-25-67	1204-1246	1:20,000	



PROJECT 6408
PROJECT LAYOUT SKETCH
FLORDIA BAY, FLA.
SCALE 1:40,000

(5)

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.

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,

Peter 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, steroplanigraph 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 PUMPING STATION NO. 3, RADIO MAST, 1961

3. HORIZONTAL CONTROL(cont.)

T-12629

EAK 1934
WAT 1935
SONNY 1935

T-12639

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 3, 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.

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 exihibit in Miami. Upon resumption of work, it was discovered that the Coast Guard had re-markdd 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 - OXFOOT 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 COWPENS 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° 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:

George M. Ball

Approved by:

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	(-6.82)	(+1.12)
SS-2	(-2.83)	(+2.92)
SNIPE POINT		
SS-1	(+3.47)	(-4.48)
SS-2	(+1.31)	(+0.48)
TAYLOR		
SS-1	(-3.27)	(-1.64)
SS-2	(-0.68)	(-2.29)
PINK		
SS-1	(-4.19)	(+1.18)
SS-2	(+1.24)	(-4.84)

Tie Points to Strip "B"

05402	(-3.55)	(+9.96)
06401	(-3.66)	(+3.32)
06401	(-3.25)	(+1.95)
09401	(+0.49)	(+5.03)
11401	(+3.00)	(+7.47)
11402	(+6.84)	(+6.09)

Strip B

CAPE SABLE LAT. STATION		
SS-1	(+0.57)	(-6.02)
SS-2	(+2.04)	(-10.16)
CACTUS		
SS-1	(-1.05)	(+6.64)
SS-2	(+0.61)	(+4.81)
FOAM		
SS-1	(+5.15)	(+3.87)
SS-2	(+3.21)	(+4.10)
MOSQUITO POINT		
SS-1	(-2.25)	(+3.00)
SS-2	(-5.57)	(-2.54)
TAYLOR		
SS-1	(-0.83)	(-2.44)
SS-2	(-6.51)	(-0.14)
LAKE KEY		
SS-1	(+9.89)	(-6.10)
SS-2	(+2.07)	(-4.31)
MOAT		
SS-1	(-6.21)	(+6.34)
SS-2	(-6.97)	(+6.02)

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)

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)

PLANTER 2

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

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)

BOUTTE

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

MIL

SS-A	(+0.15)	(+1.16)
SS-B	(-4.87)	(+0.04)
SS-A	(0.00)	(0.00)
SS-B	(-4.99)	(-0.95)

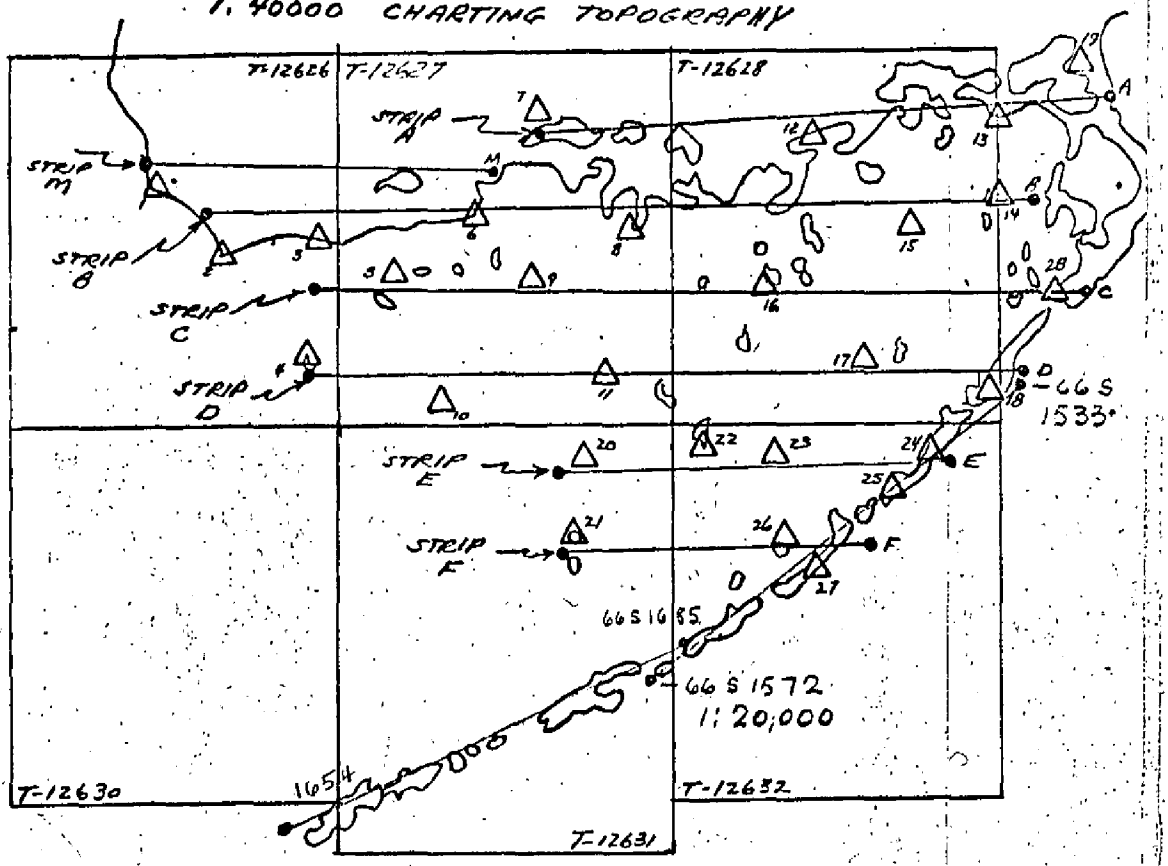
Tie Points to Strip "E"

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

STRIP-A	64W 7089-7111	1:40,000
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	64M 4868-4872	

TRIANGULATION

1- MIDDLE 2-1955
2- CAPE SABLE LAT. 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- BARGE 2 - 1961
10- MAN OF WAR BUSH - 1858
11- LITTLE - 1934
12- TAYLOR - 1961
13- SNIPE POINT - 1934
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- PANHANDLE - 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°15'00"W to 81°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 wholely 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:

George M. Ball

Approved by:

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)

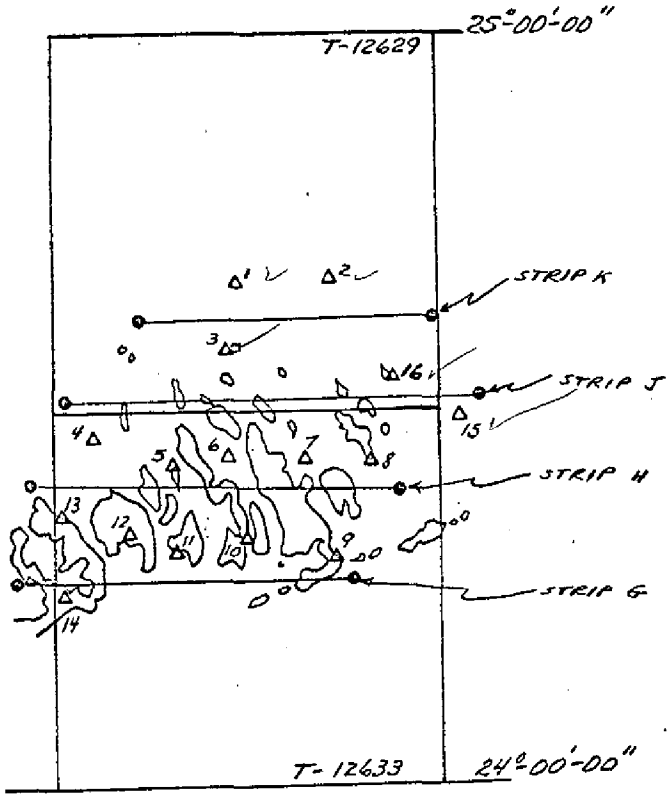
PH-6408 (PART 2 of 3)

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 COCOANUT 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:

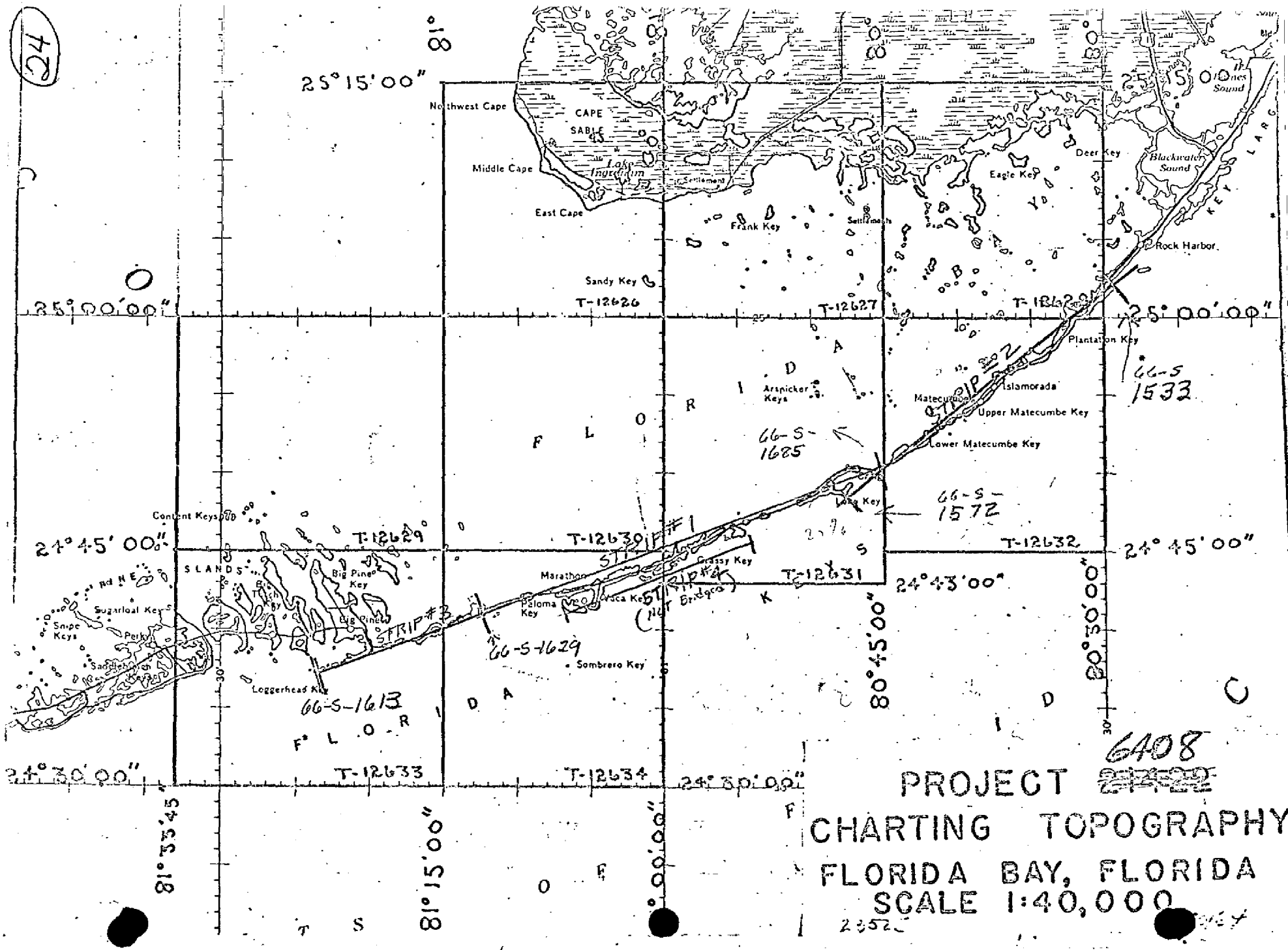
Robert Kelly by JDP

Robert Kelly

Approved by:

John D. Perrow, Jr.

John D. Perrow, Jr.


24
25°15'00"
81°
Northwest Cape
CAPE SABLE
Middle Cape
East Cape
Lake Ingraham
Settlement
Frank Key
Sandy Key
T-12626
T-12627
T-12628
Deer Key
Eagle Key
Blackwater Sound
Rock Harbor
Plantation Key
25°00'00"
Arsnicker Keys
Matecumbe
Islamorada
Upper Matecumbe Key
Lower Matecumbe Key
Long Key
66-S-1685
66-S-1572
66-S-1533
STRIP #2
Content Keys
T-12629
T-12630
T-12631
T-12632
24°45'00"
24°43'00"
80°45'00"
80°30'00"
SLANDS
Big Pine Key
Big Pine
Marathon
Grassy Key
Duck Key
Paloma Key
Vaca Key
Bridge
STRIP #1
STRIP #3
STRIP #4
Sugarloaf Key
Snipe Keys
Perky
Saddlebunch Keys
Loggerhead Key
66-S-1629
Sombrero Key
66-S-1613
FLORIDA
T-12633
T-12634
24°30'00"
81°33'45"
81°15'00"
81°00'00"
TS
OF
Key Largo
Ik Jones Sound
6408
PROJECT
CHARTING TOPOGRAPHY
FLORIDA BAY, FLORIDA
SCALE 1:40,000

COMPILATION REPORT
PROJECT ~~21422~~ 6408
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°38.8'. 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°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

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°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

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

(28)

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

(29)

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	14. ROCKS, SHOALS, ETC.	15. BRIDGES
✓	See review report	✓	✓

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	SUPERVISOR, ~~REVIEW~~ SECTION OR UNIT
Peter P. Batley Jr	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	SUPERVISOR
Martha C. Webber	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 NAMES

T-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
- ~~Buttonwood~~ Canal → Flamingo Canal - F.P. ✓ applied to 1770 ADP
- 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

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 ~~Crain~~ Keys
Crocodile Dragover
Crocodile Point
Cross Bank
Davis Cove
Davis Creek
Deer Key
Eagle Key
Eagle Key Pass
East Creek
East Key
End Key
Fan Palm Hammock
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. - BP

T-12631

- Arsenic Bank
- Barnes Key ← Buchanan Keys (93.1 - ?)
- Buchanan Bank
- Burnt Point
- Channel Five
- Channel Key ← Coco Plum Beach (95) - ?
- 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 - ?
- 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

Lignum Vitae Basin, Lignum Vitae Channel, Lignum Vitae Key, Lignum Vitae Key Bank — Lignumvitae - B.G.N. Applied to map SBO

Shell Key ← Shell Key Bank - B.G.N.

*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
The Grasses
Toptree Hammock Key
Torch Key Mangroves
Water ~~Way~~ Key
Water ~~Way~~ Key Mangroves

Tarpon Creek - ff
ff
ff

T-12634

Boot Key
Boot Key Harbor
Coco Plum Beach ← Cocoanut Key ok A.J.W.
East Sister Rock
Fat Deer Key ← Fanny Keys ✓ - FF
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 - FF
Pretty Joe Rock
Rachel Key
Russel Key
Sister Creek
Stirrup Key
Vaca Cut ← Vaca Key ✓ - FF
Vaca Key Bight
Vaca Key Rock
West Sister Rock

Pigeon Key Banks ✓ - FF

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

A. J. Wright
Frank W. Puckett

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 proceedure was--occupy the light, turn the angles and take a cut ahead to the next light, also cutting back on the previous light. This proceedure 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 warrented. 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

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

Reviewed by:

Jeter P. Battley, Jr.

Chief, Photogrammetry Division

JUL 2 1968

Chief, Marine Chart Division

C&GS FORM 567
(11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 1 of 3

TO BE CHARTED
TO BE REVISED
TO BE DELETED
} STRIKE OUT TWO

Homestead, Florida April 14, 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. Shearburn *Chief of Party.*

STATE	FLORIDA		POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION **	OFFSHORE	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE* ° ′	″ D.M. METERS	LONGITUDE* ° ′	″ D.P. METERS	DATUM						
RADIO TOWER	Skeleton steel, orange and white ht.= 229(234)		25 00.4	24.700 760.0	80 31.2	12.606 383.5	N.A. 1927	photo plot T-12628	2/2/67 8/19/65		X	X	141-SC, 850 1250
RADIO TOWER	Skeleton steel, orange and white ht. = 203(208)		25 00	31.924 982.3	80 31	10.537 295.0	"	triang. T-12628	2/2/67 "		X	X	"
	(TOWER, U.S. IMMIGRATION RADIO MAST, 1961)												
MICROWAVE TOWER	Skeleton steel, orange and white ht.= 164(169)	✓	24 54.4	24.959 767.9	80 38.8	44.293 1269.0	"	photo plot T-12632	2/2/67		X	X	"
RADIO TOWER	Skeleton steel, orange and white ht.= 187(191)	✓	24 54.3	18.139 558.1	80 38.9	53.893 1512.5	"	"	2/3/67		X	X	"
PALM TREE	ht.= 51(55)		24 50.1	8.905 274	80 45.9	51.639 1450	"	photo plot T-12631	4/11/67 4/6/66		X	X	141-SC, 851 1250
RADAR DOME	spherical dome elevated on skeleton steel tower ht.= 97(104)		24 49.3	16.576 510	80 49.2	12.459 350	"	"	8/12/65 4/11/67		X	X	"
MICROWAVE TOWER	Skeleton steel, orange and white ht.= 175(179)		24 48.8	45.700 14 061	80 49.6	34.527 970	"	"	4/11/67		X	X	"
MICROWAVE TOWER	Skeleton steel, aluminum ht.= 92(93)		24 45.8	45.902 1400	80 51.0	58.082 1631.8	"	"	4/11/67		X	X	"
MICROWAVE TOWER	Skeleton steel, orange and white ht.= 146(149)		24 42.3	20.323 625.3	81 04.6	37.432 1052.2	"	photo plot T-12634	4/11/67		X	X	141-SC, 852 1250
MICROWAVE TOWER	Skeleton steel, orange and white ht.= 220(225)		24 42.7	39.606 1218.6	81 05.7	45.243 1271.6	"	"	4/11/67		X	X	"
TOWER	Concrete, white, ht.= 53(57)		24 42.7	39.866 1226.6	81 06.3	20.181 567.2	"	"	4/11/67		X	X	"
RADIO TOWER	~~Skeleton steel, orange and white~~ (U.S. Border Patrol Radio Tower) ht.= 214(219)		24 38.8	49.079 1510.	81 19.9	93.270 1498.	"	photo plot T-12633	2/24/67		X	X	~~353, 859~~ 1251
	"This tower is within 10 feet of	destroyed	station ~~Pelican~~ FLORIDA, U.S. ~~Rock~~				PUMPING	STATION NO. 3,	RADIO MAST, 1961				

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 DECIMAL MINUTES ** FIELD VERIFICATION DATE

USCOMM-DC 16234-P61

84

C&GS FORM 567
(11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 2 of 3

TO BE CHARTED
TO BE REVISED
TO BE DELETED } STRIKE OUT TWO

Homestead, Florida April 22, 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.*

STATE: FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE * ° ′	LATITUDE * ″ D.M. METERS	LONGITUDE * ° ′	LONGITUDE * ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	RADIO STAT.	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
MICROWAVE TOWER ~ 33	Skeleton steel, orange and white ht.= 250(255)		24 40	40.307 / 1240.2	81 23	43.126 / 12.125	N.A. 1927	trilng. T-12633	2/10/66 / 7/24/67		X	X	523, 859 1251
	(LITTLE TORCH KEY MICROWAVE TOWER, 1959)												
MICROWAVE TOWER ~ 33	Skeleton steel, orange and white ht.= 225(230)		24 39.8	34 969 / 1075.9	81 28.4	22.406 / 630	✓	photo plot T-12633	4/27/67 1/17/66		X	X	"
MICROWAVE TOWER	Skeleton steel, orange and white ht. = 300(305)		25 08.6	37.213 / 1145	80 55.1	6.854 / 192.0	"	photo plot T-12627	1/30/67 4/20/66		X	X	141-SC 598-SC, 1250
STANDPIPE	Cylindrical steel, ht.= 86(91)		25 08	37.228 / 1145.5	80 55	07.781 / 217.9	"	trilng. T-12627	" 1/30/67		X	X	"
	(Δ FLAMINGO, EVERGLADES NATIONAL PARK, STANDPIPE, 1961)												

49

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.

** FIELD VERIFICATION DATE

USCOMM-DC 16234-P61

C&GS FORM 567
(11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

3 of 3

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~
} STRIKE OUT TWO

Marathon, Fla. May 4, 1962

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. Shearouse Chief of Party.

STATE FLORIDA			POSITION									
			LATITUDE*		LONGITUDE*							
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
(84) DOME	white, radar dome ht=52(56)		24 42.0	58.440 1798.1	81 20.3	19.804 556.1	N. A. 1927	PHOTO PLOT T-12633	5/2/62	"	"		853, 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

USCOMM-DC 18234-P61

C&GS FORM (11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

PHOTOGRAMMETRIC REVISION

AERONAUTICAL AIDS
~~NONFLOATING AIDS OR LANDMARKS~~ FOR CHARTS

1 of 1

TO BE CHARTED
~~TO BE REVISED~~ } STRIKE OUT TWO
~~TO BE DISCONTINUED~~

Homestead, Florida — April 14, 1966

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(the accompanying)~~ 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 AND SURVEY NO.	DATE OF LOCATION	INTRACOASTAL WATERWAY	INSHORE CHART	OFFSHORE CHART	CHARTS* AFFECTED
			LATITUDE*		LONGITUDE*		DATUM						
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS							
1A AERO BEACON	Rotating light atop skeleton steel tower ht.= 55(62) MSL		24 43.7	1288	81 02.4	676	N.A. 1927	photo plot T-12634	4/6/66	X	X		141-SC, 852 1250
2A AERO RADIO BN	F.A.A. Radio Beacon (small white building)		24 42.7	1266	81 05.7	1246	"	"	"	X	X		"
	*Aeronautical chart not known												

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 18234-P61

C&GS FO[redacted] (11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND G[redacted]DETIC SURVEY

[redacted] LANDMARKS FOR CHARTS

[redacted] TO BE DELETED } STRIKE OUT TWO

Homestead, Florida April 14, 1966

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

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

William R. Shearouse *Chief of Party.*

STATE	FLORIDA		POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	[redacted]	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*		LONGITUDE*								
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS	DATUM						
LEMRICK MAST	(NO VALUE)		24 57.0		80 35.7		N.A. 1927		4/7/66		X		1250
TOWER	(ON LIGNUMVITAE KEY)(destroyed)		24 54.1		80 41.8		*		*		X	X	851 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

USCOMM-DC 18234-P61

19

C&GS FORM 567
(11-61)

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, Fla. 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. Shearouse Chief of Party.

STATE FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
(84) Dome	white, radar dome (lts 52/56)		24 42.9	58.440 1798.1	81 20.3	19.804 556.	N. A. 1927	Photo Plot TR2623	5/2/67	✓	✓		829, 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

USCOMM-DC 16234-P61

52

C&GS FORM 567
(11-61)

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, 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 Sherouse Chief of Party.

STATE FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	HAWK CHANNEL												
(14) DAYBN 5	Moser Channel South		24 41	39.218 1145.1	81 10	07.310 205.5	N.A. 1927	Intersection Sextant F12339	5/3/67	-	-		141-SC, 850, 1251
(15) DAYBN 6	" " "		24 41	39.952 1229.2	81 10	59.900 1683.9	"	"	"	-	-		" " "
	LONG KEY - MOSER CHANNEL												
(37) DAYBN 7	CHANNEL KEY		24 48	40.265 1238.9	80 54	42.943 1206.1	" "	Sextant F12631	4/12/67	-	-		141-SC, 851 1250
	BIG SPANISH CHANNEL												
(20) DAYBN 30	Big Spanish Channel Daybn 30		24 45	21.731 668.6	81 22	23.862 670.5	" "	Sextant F13629	5/3/67	-	-		851, 1251
(19) DAYBN 32	" " " " 32		24 46	10.670 328.3	81 23	08.313 233.6	" "	" "	"				" "

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

53

C&GS FORM 567
(11-61)

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, 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. Shearouse Chief of Party.

STATE FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	HAWK CHANNEL												
142 Dayton 4	Moser Channel South		24 41.4	19.902 612.3	81 10.1	05.030 1541.4	NAD 1927	Recovered T-12634	5/5/67	✓	✓		141-SC, 852 1251
	SUGARLOAF CHANNEL												
82 Dayton 18	Pirates Cove		24 38	12.159 374.1	81 31	11.599 1254.1		SEKANT T-12633	5/5/67				853 1251
83 Dayton 20	Pirates Cove		24 38	25.571 786.8	81 31	51.296 1542.4		"	5/5/67				853 1251

54

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

C&GS FORM 567
(11-61)

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. Shearouse Chief of Party.

STATE FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	Duck Key Yacht Harbor						N.A.						141-SC, 851
Daybeacon	Daybeacon 2		24 45.8		80 54.6		1927	T-12631	4/14/67				1150
Daybeacon	Duck Key Yacht Harbor Daybeacon 4		24 45.8		80 54.6		"	"	4/14/67				Same

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

C&GS FO[redacted]
(11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS [redacted] FOR CHARTS 1 of 1

[redacted] TO BE DELETED } STRIKE OUT TWO

Homestead, 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 [redacted] *(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 AND SURVEY No.	DATE OF LOCATION	[redacted]	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*		LONGITUDE*		DATUM						
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS							
	HAWK CHANNEL												
DAYBN 5	DUCK KEY YACHT HARBOR		24 45.8		80 54.7		N.A. 1927		8/24/65	X	X		851
DAYBN 6	" " " "		24 45.9		80 54.7		"		"	X	X		"
DAYBN 2	BOOT KEY HARBOR		24 41.9		81 07.2		"		2/16/66	X	X		141-SC, 852 1250
DAYBN 2	MOSER CHANNEL SOUTH		24 41.1		81 10.0		"		"	X	X		141-SC, 852 1251
DAYBN 4	" " "		24 41.3		81 10.1		"		"	X	X		"
	SUGARLOAF CHANNEL												
DAYBN 10	PIRATES COVE		24 39.2		81 30.7		"		2/3/66	X	X		353 1251
DAYBN 12	" "		24 39.4		81 30.8		"		"	X	X		853, 859 1251
DAYBN 14	" "		24 39.6		81 30.9		"		"	X	X		"
	BIG SPANISH CHANNEL - KEY WEST												
	BIG SPANISH CHANNEL												
DAYBN 9	BIG PINE KEY		24.44.1		81 23.1		"		3/16/66	X	X		353, 859 1251
DAYBN 34	HOME KEY		24 45.3		81 24.2		"		3/17/66	X	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

USCOMM-DC 16234-P61

56

Form 567
(4-61)

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~~
} STRIKE OUT TWO

* WASHINGTON, D.C.
~~Homestead, Florida~~ ~~April 11~~, 19~~66~~

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

* positions listed were scaled in the Wash. office in Aug - Oct 1967. (except triangulation)

William H. Shearouse *Chief of Party.*

STATE	FLORIDA		POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	INTRACOASTAL	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM						
	INTRACOASTAL WATERWAY												
	BISCAYNE BAY – LONG KEY								**				
LIGHT 61	PIGEON KEY		25 03.5	29.621 849.9	80 31.2	14.751 413.5	N.A. 1927	photo plot T-12628	2/2/67	X	X		141-SC, 850 1250
LIGHT 62	HAMMER POINT		25 02.2	13.350 380.0	80 31.1	03.495 98.0	"	"	" 2/2/67	X	X		"
DAYBN 62A	" "		25 02.0	09.210 26.8	80 31.1	07.123 200.0	"	"	" 2/2/67	X	X		"
DAYBN 64	" "		25 01.9	52.975 1630.0	80 31.2	11.327 317.6	"	"	" 2/2/67	X	X		"
DAYBN 64A	" "		25 01.8	47.482 1461.0	80 31.3	20.828 584.0	"	"	" 2/2/67	X	X		"
LIGHT 65	RAMSHORN SHOAL		25 01.6	34.580 1064.0	80 31.8	44.282 124.6	"	"	" 2/2/67	X	X		"
DAYBN 2	COMMUNITY HARBOR		25 01.3	15.340 472.0	80 31.5	29.873 837.6	"	sextent T-12628	" 2/2/67	X	X		"
DAYBN 3	" "		25 01.0 0.9	58.773 1808.4	80 31.1	06.404 179.6	"	"	" 2/2/67	X	X		"
DAYBN 4	" "		25 01.0 0.9	58.425 1798.0	80 31.2	07.303 204.8	"	"	" 2/2/67	X	X		"
DAYBN 66	RAMSHORN SHOAL		25 01.4	25.090 772.0	80 32.0	0.643 43.6	"	"	" 2/2/67	X	X		"
DAYBN 67	" "		25 01.4	24.505 754.0	80 32.0 31	59.847 1678.0	"	"	" 2/2/67	X	X		"
DAYBN 68	" "		25 01.4	21.482 661.0	80 32.1	07.204 202.0	"	"	" 2/2/67	X	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.

USCOMM-DC 25412-P61

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

C&GS FORM 567
(11-61)

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

Homestead, 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.*

STATE: FLORIDA

	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION **	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
39	DAYBN 69	RAMSHORN SHOAL		25 01.3	20.605 630.0	80 32.1	05.064 142.10	N.A. 1927	sextant T-12628	2/2/67 8/18/65	X	X		1141-SC, 850 1250
40	LIGHT 70	" "		25 01.3	19.175 590.0	80 32.3	17.547 492.0	"	photo plot T-12628	2/2/67	X	X		"
41	LIGHT 71	" "		25 00.9	56.745 1746.0	80 32.9	53.633 1504.0	"	"	2/2/67	X	X		"
29	LIGHT 73	COMPASS		25 00.5	27.053 832.4	80 33.4	23.978 672.4	"	"	8/19/65 2/2/67	X	X		"
30	DAYBN 73A	"		25 00.4	23.750 700.0	80 33.4	27.536 772.0	"	sextant T-12628	2/2/67	X	X		"
31	DAYBN 74	"		25 00.4	24.323 748.4	80 33.5	28.528 800.0	"	"	2/2/67	X	X		"
32	DAYBN 74A	"		25 00.1	08.970 276.0	80 33.6	35.660 1000.0	"	"	2/2/67	X	X		"
33	DAYBN 75	"		25 00.1	07.800 240.0	80 33.6	33.820 948.4	"	"	2/2/67	X	X		"
23	DAYBN 76	"		24 59.9	58.896 1812.2	80 33.6	37.659 1056.2	"	photo plot T-12632	2/1/67	X	X		"
24	DAYBN 76A	"		24 59.9	55.848 1718.4	80 33.7	39.791 1116.0	"	"	2/1/67	X	X		"
25	LIGHT 78	"		24 59.7	43.719 13452	80 33.7	55.651 1560.8	"	"	8/20/65 2/1/67	X	X		"
22	DAYBN 78A	EAST KEY		12.155 ~~14.810~~ 24 59.2 ~~455.7~~ 374.0		80 36.1	07.202 ~~202.0~~ 05.462 153.2		photo plot T-12632	8/24/65 2/1/67	X	X		"
19	DAYBN 80	COTTON KEY		24 58.0	54.348 1826.1	80 38.1	10.098 283.3	"	"	8/18/65 2/1/67	X	X		"
20	LIGHT 81	" "		24 57.6	1077.7	80 38.2	12.737 343.2	"	photo plot T-12632	8/17/65 2/1/67	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.

USCOMM-DC 16234-P61

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

C&GS FORM 567
(11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

3 of 22

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED
} STRIKE OUT TWO

Homestead, 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 F. Kesselring

William F. Marmo Chief of Party.

STATE	FLORIDA		POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION * *	RADAR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM						
DAYBN 82	COTTON KEY		24 57.5	26.796 824.3	80 33.6	39.118 1097.4	1927	T-12032	9/2/65 2/1/67	X	X		1251-SC, 850 1250
DAYBN 84	SISAL KEY		24 57.3	57.535 1770.3	80 31.2	13.363 374.9	"	T-12032	9/27/65 2/1/67	X	X		"
DAYBN 86	" "		24 56.8	47.694 1467.5	80 30.7	31.826 893.0	"	T-12032	9/2/65 2/1/67	X	X		"
DAYBN 87	" "		24 56.4	24.147 743.0	80 30.9	51.534 1445.9	"	T-12032	8/17/65 2/6/67	X	X		"
DAYBN 88	" "		24 56.4	24.277 747.0	80 30.9	55.172 1548.2	"	"	2/6/67	X	X		"
DAYBN 89	" "		24 56.3	21.580 664.0	80 30.0	00.00 0.0	"	"	2/6/67	X	X		"
LIGHT 90	" "		24 56.4	21.807 671.0	80 30.1	04.547 127.6	"	"	2/6/67	X	X		"
DAYBN 91	" "		24 56.3	20.387 627.3	80 30.1	04.241 119.0	"	"	2/6/67	X	X		"
LIGHT 1	JAPAN AMERICA SEC		24 52.0	5.979 1808.5	80 30.9	52.358 1469.1	"	"	2/6/67	X	X		"
DAYBN 2	" "		24 54.5	28.555 878.6	80 30.9	53.732 1508.0	"	T-12032	8/17/65 2/6/67	X	X		"
DAYBN 91A	LIGHTHOUSE KEY		24 55.3	17.966 552.8	80 31.9	55.874 1567.9	"	"	8/17/65 2/6/67	X	X		" 851
DAYBN 92	BOWLEGS CUT		24 54.4	23.204 714.1	80 33.8	45.608 1280.8	"	"	9/2/65 2/3/67	X	X		"
LIGHT 93	" "		24 54.4	22.364 688.1	80 33.7	43.965 1233.9	"	T-12032	8/16/65 2/3/67	X	X		"
DAYBN 95	" "		24 54.2	13.003 400.1	80 33.8	50.953 1430.0	"	T-12032	9/2/65 2/3/67	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 ** Date of Field Edit Verification

USCOMM-DC 16234-P61

59

C&GS FORM [illegible] (11-61)

U.S. DEPARTME[illegible]OF COMMERCE
COAST AND GEODETIC SURVEY

4 of 22

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED } STRIKE OUT TWO

Homestead, Florida April 11, 19 66

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 F. Josselring

William E. Lybrand Chief of Party.

STATE: FLORIDA			POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION * *	BAYOU CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*		LONGITUDE*								
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	D.M. METERS	° ′	D.P. METERS	DATUM						
DAYBN 96	BOWLEGS CUT		24 54.2	15.230 / 468.6	80 43.9	50.953 / 1430.0	1927	T-12633	9/2/65 2/3/67	X	X		1251, 1250
DAYBN 97	" "		24 54.1	06.113 / 188.1	80 43.9	57.081 / 1602.0	"	"	2/3/67	X	X		"
LIGHT 98	" "		24 54.1	07.088 / 218.1	80 44.0	58.859 / 1651.9	"	T-12633	2/3/67 8/16/66	X	X		"
LIGHT 2	LOWER MATECUMBE		24 51.4	24.141 / 742.8	80 44.8	46.420 / 1303.3	"	"	8/15/65 2/3/67	X	X		"
DAYBN 1K	LONG KEY		24 51.0	01.760 / 54.2	80 47.3	45.564 / 1279.4	"	T-12631	4/11/67	X	X		"
LIGHT 1	" "		24 51.0	00.379 / 10.1	80 50.0	58.661 / 1647.	"	T-12631	1/24/66	X	X		"
DAYBN 2	" "		24 50.6	36.792 / 1132.0	80 51.8	49.391 / 1386.5	"	T-12632	8/15/65 4/12/67	X	X		"
	LONG KEY - INNER CHANNEL												
DAYBN 2K	LONG KEY DAIK		24 49.9	53.627 / 1650.	80 49.8	48.027 / 1348.8	"	"	8/16/65	X	X		"
DAYBN 4K	" " "		24 49.4	35.881 / 1104.	80 50.3	10.504 / 295.	"	"	4/11/67	X	X		"
DAYBN 4	OLD SWEAT BANK SOUTHEAST END		24 48.8	46.118 / 1419.	80 50.3	18.878 / 530.2	"	"	8/17/65 4/12/67	X	X		"
DAYBN	" " " EAST END		24 49.1	07.189 / 221.2	80 51.8	45.106 / 1266.0	"	"	4/12/67	X	X		"
DAYBN 4	CHANNEL KEY		24 49.3	14.755 / 454.	80 53.0	50.349 / 1414.	"	"	" 4/12/67	X	X		"

851

69

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 Dates.

USCOMM-DC 18234-P61

C&GS FORM (11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

5 of 22

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED } STRIKE OUT TWO

Homestead, 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 R. Konsalring

William J. Sherman Chief of Party.

STATE: FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION **	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
LIGHT 5	CRAIGEL KEY		24 40.7	41.175 / 1266.9	80 54.6	38.241 / 1074.0	1927	T-12631	3/17/65	X	X		1251-SC, 1250
LIGHT 7	" " See Crona Flex - Submit Revised Form 567		24 42.6	40.265 / 1238.9	80 54.7	42.943 / 1206.0	"	"	4/12/67	X	X		"
LIGHT 8	" "		24 43.7	41.175 / 1266.9	80 54.8	46.648 / 1310.1	"	T-12631	3/17/65	X	X		"
LIGHT 9	" "		24 47.7	42.577 / 1310.5	80 55.7	41.401 / 1163.	"	T-12631	4/14/67 3/17/65	X	X		"
LIGHT 11	BASSY KEY		24 47.1	33.615 / 1035.7	80 57.5	33.228 / 933.3	"	"	1/20/67	X	X		"
LIGHT 13	BAMBOO KEY		24 46.3	19.635 / 604.1	81 01.9	51.419 / 1444.5	"	T-12631	3/23/65	X	X		1251-SC, 1250
LIGHT 15	RACHEL BANK		24 44.7	45.050 / 1386.1	81 04.6	38.141 / 1071.7	"	T-12631	4/27/67	X	X		"
LIGHT 16	RACHEL BANK		24 43.6	42.660 / 1312.8	81 07.6	31.175 / 876.2	"	"	3/28/66 4/11/67	X	X		"
LIGHT 15A	KNIGHT KEY		24 42.9	54.049 / 1663.6	81 07.8	35.073 / 984.5	"	"	4/17/67	X	X		"
LIGHT 3	JOHN SAWYER BANK		24 45.6	37.476 / 1153.1	81 06.8	46.389 / 1303.4	"	T-12631	4/14/67	X	X		"
LIGHT 2	BULLARD BANK		24 48.9		81 09.1		"			X	X		"
LIGHT 8	PARK CHANNEL		24 45.2	13.923 / 428.4	81 10.3	16.145 / 453.6	"	T-12631	4/14/67	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 Dates in violet are Field Edit Verification dates

USCOMM-DC 16234-P61

C&GS FORM (11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 7 of 22

TO BE CHARTED
TO BE REVISED
TO BE DELETED } STRIKE OUT TWO

Homestead, 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 D. Kesselring

William E. Thorouse *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* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM						
12 DAVIS 36	BIG SPANISH CHANNEL		24 47.2	09.295 286.0	81 24.8	49.749 1397.5	N.A.D. 1927	Sextant T-12[illegible]	4/25/67 3/24/67	X	X		1251
11 DAVIS 39	" " "		24 47.3	19.501 600.0	81 24.9	54.875 1541.5	"	"	4/25/67	X	X		"
10 DAVIS 33	" " "		24 47.5	30.226 930.0	81 24.9	59.218 1663.5	"	"	4/25/67	X	X		"
4 DAVIS 41	" " "		24 48.2	11.375 350.0	81 24.9	59.620 1677.5	"	"	4/25/67	X	X		"
3 DAVIS 43	BARGE CANAL		24 50.2	10.205 314.0	81 25.1	35.684 1002.0	"	[illegible] T-12[illegible]	4/25/67	X	X		"
2 LIGHT 45	" " "		24 50	23.779 [illegible]	81 25	4.[illegible] [illegible]	"	[illegible] T-12[illegible]	4/25/67	X	X		"
21 LIGHT	[illegible] (REPLACED LIGHT 1938)		24 50	[illegible] [illegible]	81 20	[illegible] 975.0	"	"	"	X	X		"
	BIG SPANISH CHANNEL - N.Y												
	BUOY												
135 33 [illegible] 1 —	[illegible]		24 42.0	48.950 1506	81 20.6	34.193 1017.4	"	Sextant [illegible]	[illegible] 4/24/67	X	X		153, 52 1251
33 [illegible] 2 — 127	"		[illegible]	54.049 1663	81 21.1	04.660 131	"	" [illegible]	4/24/67	X	X		"
33 [illegible] 4 — 128	[illegible]		[illegible]	34.073 1109.9	[illegible]	44.382 1247.3	"	[illegible]	2/[illegible] 4/24/67	X	X		"
33 [illegible] 5 — 129	" " "		[illegible]	39.453 1213.9	[illegible]	50.370 1415.7	"	"	4/24/67	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 ** Verification Date

USCOMM-DC 16234-P61

62

C&GS FORM [redacted]7
(11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

8 of 22

TO BE CHARTED
TO BE REVISED
TO BE DELETED } STRIKE OUT TWO

Homestead, 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 P. Kee elring

William B. Sherman *Chief of Party.*

STATE			POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION **	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM							
7	BIG PINE KEY		24 43.8	47.514 1461.9	81 22.9 23.3	58.706 1650	N.A.D. 1927	Sextant T-1263	3/16/67 4/24/67	X	X		353, 859 1251
8	" " "		24 44.1	02.958 91	81 23.1	07.117 200	"	"	4/24/67	X	X		"
10	" " "		24 44.2	08.775 270	81 23.2	12.099 340	"	"	4/24/67	X	X		"
12	" " "		24 44.2	14.171 436	81 23.2	13.807 388	"	"	4/24/67	X	X		"
13	" " "		24 44.3	16.446 506	81 23.2	14.839 417	"	"	4/24/67	X	X		"
15	" " "		24 44.3	20.151 620	81 23.3	15.835 495	"	"	4/24/67	X	X		"
17	" " "		24 44.3	21.678 667	81 23.3	17.970 505	"	"	4/24/67	X	X		859 1251
19	" " "		24 44.4	23.141 712	81 23.3	19.500 548	"	"	4/24/67	X	X		"
20	" " "		24 44.4	25.936 798	81 23.4	22.134 622	"	"	4/24/67	X	X		"
21	" " "		24 44.5	27.919 859	81 23.4	25.136 706	"	"	4/24/67	X	X		"
22	" " "		24 44.5	32.891 1012	81 23.5	28.183 792	"	"	4/24/67	X	X		"
23	" " "		24 44.6	33.216 1022	81 23.5	29.571 831	"	"	4/24/67	X	X		"
24	" " "		24 44.6	38.839 1195	81 23.5	32.168 904	"	"	4/24/67	X	X		"
25	" " "		24 44.7	43.2487 1338	81 24.6	36.189 1017	"	"	4/24/67	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

USCOMM-DC 16234-P61

C&GS FORM (11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 9 of 22

TO BE CHARTED / ~~TO BE REVISED~~ / ~~TO BE DELETED~~ } STRIKE OUT TWO

Homestead, Florida April 12, 19 66

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.*

STATE	FLORIDA		POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION * **	CORRECTION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE * ° ′	LATITUDE * ″ D.M. METERS	LONGITUDE * ° ′	LONGITUDE * ″ D.P. METERS	DATUM							
123 DAYBN 26	BIG PINE KEY		24 44.7	45.144 / 1389	81 23.7	40.068 / 1126	N.A. 1927	Sextant T-12633	3/16/66 4/24/67		X	X		659 1251
125 DAYBN 27	" " "		24 44.8	45.631 / 1404	81 23.8	46.544 / 1308	"	"	" 4/24/67		X	X		"
124 DAYBN 28	" " "		24 44.7	44.656 / 1374	81 23.9	55.085 / 1548	"	"	" 4/24/67		X	X		"
126 DAYBN 30	HOME KEY		24 ~~45.9~~ 44.9	58.275 / 1793	81 24.0	02.558 / 71.9	"	"	" 4/24/67		X	X		"
19 DAYBN 32	" "		24 45.2	10.660 / 328.0	81 ~~24.1~~ 24.1	08.185 / 230.	"	Sextant T-12629	3/17/66 4/25/67		X	X		"
16 DAYBN 33	" "		24 45.4	21.320 / 656.0	81 24.2	13.829 / 390.0	"	"	" 4/25/67		X	X		"
18 DAYBN 35	" " ~~Sextant~~		24 45.4	18.087 / 556.5	81 24.4	28.406 / 798.1	"	"	4/25/67		X	X		"
17 DAYBN 37	" "		24 45.3	20.346 / 626.0	81 24.8	47.549 / 1336.1	"	"	" 4/25/67		X	X		"
8 DAYBN 38	" "		24 45.3	17.291 / 532.0	81 25.1	08.899 / 250.0	"	"	" 4/25/67		X	X		"
7 DAYBN 40	" "		24 45.6	35.101 / 1080.0	81 25.6	35.446 / 996.0	"	"	" 4/25/67		X	X		"
5 DAYBN 41	" "		24 46.1	05.525 / 170.0	81 26.4	27.695 / 778.1	"	"	" 4/25/67		X	X		"
6 DAYBN 43	" "		24 ~~45.9~~ 46.0	57.917 / 1782.0	81 26.7	40.719 / 1144.0	"	"	" 4/25/67		X	X		"
9 DAYBN 44	WATER KEYS		24 45.0	07.085 / 218.0	81 26.3	25.268 / 710.0	"	"	" 4/25/67		X	X		"
104 DAYBN 46	" "		24 44.9	54.017 / 1662.	81 26.6	36.791 / 10339	"	Sextant T-12633	" 4/27/67		X	X		"

64

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 16234-P61

C&GS Form [redacted]7
(11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~X TO BE REVISED~~
~~TO BE DELETED~~ } STRIKE OUT TWO

Homestead, Florida — April 12, 1966

I recommend that the following objects which 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 E. Kasselring

William H. Shearouse *Chief of Party.*

STATE	FLORIDA		POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION * **	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*		LONGITUDE*							
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS	DATUM					
DAYBN 49	WATER KEYS		24 44.7	44.429 / 1367	81 26.9	51.950 / 1459.9	N.A.D. 1927	Sextant T-12633	3/17/66 / 4/27/67	X	X	859 1251
DAYBN 50	" "		24 44.8	49.564 / 1525	81 27.0	56.939 / 1599.9	"	"	" / 4/27/67	X	X	"
DAYBN 52	" "		24 44.9	54.830 / 1687	81 27.3	17.365 / 488	"	"	" / 4/27/67	X	X	"
DAYBN 54	" "		24 ~~45.0~~ 44.9	58.177 / 1790	81 27.5	28.076 / 789	"	"	3/22/66 / 4/27/67	X	X	"
DAYBN 56	" "		24 ~~45.0~~ 44.9	57.462 / 1768	81 27.6	34.588 / 972	"	"	" / 4/27/67	X	X	"
DAYBN 58	" "		24 45.0	00.000 / 00.0	81 27.8	46.265 / 1300.0	"	"	" / 4/27/67	X	X	"
DAYBN 59	RACCOON KEY		24 44.6	36.141 / 1112	81 28.0	01.916 / 53.9	"	"	" / 4/27/67	X	X	"
DAYBN 60	" "		24 44.4	23.232 / 714.8	81 28.1	04.053 / 113.9	"	"	" / 4/27/67	X	X	"
DAYBN 62	" "		24 44.2	12.415 / 382	81 28.2	14.088 / 395.9	"	"	" / 4/27/67	X	X	"
DAYBN 63	" "		24 44.0	00.326 / 10.	81 28.4	26.404 / 742.	"	"	" / 4/27/67	X	X	"
DAYBN 64	" "		24 43.8	31.133 / 957.9	81 28.9	39.628 / 1113.7	"	"	" / 4/27/67	X	X	~~853, 859~~ 1251
DAYBN 66	" "		24 43.7	34.578 / 1063.9	81 29.4	16.046 / 451.0	"	"	" / 4/27/67	X	X	859 1251
DAYBN 68	" "		24 43.6	30.811 / 948	81 29.6	31.025 / 872.	"	"	" / 4/27/67	X	X	~~853, 859~~ 1251
DAYBN 70	BUDD KEYS		24 43.5	26.680 / 820.9	81 29.8	50.132 / 1409.	"	"	" / 4/27/67	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

USCOMM-DC 16234-P61

C&GS FO (11-61)

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

Homestead, 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. Shearouse *Chief of Party.*

STATE	FLORIDA		POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION **	CONFIRMED	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE* ° ′	″ D.M. METERS	LONGITUDE* ° ′	″ D.P. METERS	DATUM						
88 33 DAYBN 71	BUDD KEYS		24 43.5	30.905 / 950.9	81 30.2	22.938 / 644.7	N.A. 1927	sextant T-12633	3/22/66 4/27/67		X	X	359 1251
91 33 DAYBN 72	" "		24 43.6	36.301 / 1116.9	81 30.4	26.496 / 744.7	"	"	" 4/27/67		X	X	"
26 33 DAYBN 74	TARPON BELLY KEYS		24 43.4	23.008 / 707.9	81 30.7	42.755 / 1201.7	"	"	" 4/27/67		X	X	"
85 33 DAYBN 75	" " "		24 43.3	19.692 / 605.9	81 30.7	43.396 / 1219.7	"	"	" 4/27/67		X	X	353, 359 1251
46 33 DAYBN 76	" " "		24 ~~43.6~~ 43.7	59.120 / 1819.	81 31.2	10.994 / 309	"	"	" 4/27/67		X	X	"
49 33 DAYBN 78	" " "		24 43.1	09.260 / 284.9	81 31.7	39.991 / 1124	"	"	" 4/27/67		X	X	359 1251
65 33 DAYBN 80	" " "		24 ~~43.6~~ 43.7	58.340 / 1795.	81 32.1	06.216 / 174.7	"	"	" 4/27/67		X	X	353, 359 1251
64 33 DAYBN 82	JOHNSTON KEY		24 ~~43.6~~ 43.7	58.047 / 1786	81 32.7	39.340 / 1105.7	"	"	" 4/27/67		X	X	359 1251
33 DAYBN 83	" "		24 42.6	35.816 / 1102	81 33.2	13.376 / 376	"	theo. cuts T-12633	" 4/27/67		X	X	353, 359 1251
61 33 DAYBN 85	" "		24 42.5	31.786 / 978	81 33.4	28.308 / 798	"	sextant T-12633	" 4/27/67		X	X	"
59 33 DAYBN 87	" "		24 42.5	30.064 / 925	81 33.6	33.582 / 944	"	theo. cuts T-12633	" 4/27/67		X	X	"
57 33 DAYBN 89	" "		24 42.4	25.773 / 793	81 33.7	40.377 / 1135	"	"	" 4/27/67		X	X	"
58 33 DAYBN 90	" "		24 42.5	26.716 / 822	81 33.7	41.337 / 1162	"	"	" 4/27/67		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

USCOMM-OC 16234-P61

2865 FO (05-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

12 of 22

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~
} STRIKE OUT TWO

Homestead, 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. Shearouse *Chief of Party.*

STATE	FLORIDA		POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION **	PHOTOGRAMMETRIC MANUSCRIPT	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM						
	FLORIDA												
	HAWK CHANNEL												
34 DAYB 4	TAVERNIER		25 00.2	15.561 / 478.8	30 30.4	27.351 / 767.	N.A. 1927	Sextant T-12628	8/18/65 2/1/67	X	X		141-SC, 850 1250
26 LIGHT 40	HEN AND CHICKENS SHOAL (HEN AND CHICKENS LIGHT 1934)		24 55	57.241 / 1761.2	30 32	50.100 / 1574.0	"	Triang. T-12632	" 2/3/67	X	X		"
51 DAYB 1	CHANNEL FIVE		24 49.1	02.637 / 81.1	30 46.7	43.154 / 1211.9	"	Sextant T-12631	8/16/65 2/1/67	X	X		141-SC, 851 1250
LIGHT 2	" "		24 49.6	35.946 / 1106. ✓	30 46.4	23.109 / 649 ✓	"	Boto. Plot T-12631	" 4/11/67	X	X		"
55 DAYB 1	DUCK KEY YACHT HARBOR		24 45.8	49.276 / 1470. ✓	30 54.7	40.004 / 1124. ✓	"	Sextant T-12631	8/24/65 4/11/67	X	X		"
~~DAYB 2~~	" " " " Delete See page 22		24 45.8	46.361 / 1452.5 ✓	30 54.6	58.784 / 1650.1 ✓	"	"	" 4/11/67	X	X		" To be deleted
DAYB 3	" " " "		24 45.8	50.1[illegible] / 1544 ✓	30 54.[illegible]	40.871 / 1149. ✓	"	"	" 4/11/67	X	X		"
36 ~~DAYB 4~~	" " " " Delete See page 22		24 45.8	51.[illegible] / 1590 ✓	30 54.6	40.5[illegible] / 1139.[illegible] ✓	"	"	8/17/65 4/11/67	X	X		" To be deleted
LIGHT 45	EAST TURTLE SHOAL (EAST TURTLE SHOAL BEACON NO. 45, 1935)		24 43	27.079 / 833.2	30 55	54.621 / 1675.6	"	Triang. T-12631	4/5/66	X	X		"
31													
Δ LIGHT 49	EAST WASHERWOMAN SHOAL		24 40.0	58.781 / 1808.	31 04.4	22.466 / 691.7	"	Not Re-located		X	X		141-SC, 852 1250
169													

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

USCOMM-DC 16234-P61

C&GS FORM [illegible]67
(11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

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, 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. Sherouse *Chief of Party.*

STATE: FLORIDA			POSITION									
			LATITUDE*		LONGITUDE*			METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION **	PRIMARY CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS	DATUM						
160 LIGHT 2	SISTERS CREEK		24 41.2	12.913 397.3	81 05.2	12.367 347.7	U.A. 1927	Sextant T-12634	3/29/66 4/17/67	X	X		141-36, 852 1250
161 DAYBN 3	" "		24 41.3	18.136 558.	81 05.3	16.177 454.8	"	"	" 4/17/67	X	X		"
162 DAYBN 4	" "		24 41.3	20.024 616.1	81 05.3	15.391 432.7	"	"	" 4/17/67	X	X		"
163 DAYBN 6	" "		24 41.4	25.341 779.8	81 05.3	17.884 502.8	"	"	" 4/17/67	X	X		"
148 * LIGHT 1	BOOT KEY HARBOR		24 42.0	57.261 1761.8	81 07.2	13.267 373.0	"	Photo plot T-12631, Hydro. cuts T-12634	2/10/66 4/17/67	X	X		"
See Page 18 for Boot Key Buoy 2													
DAYBN 3 149	" " "		24 42.0	00.650 20.0	81 07.1	04.493 126.3	"	"	" 4/17/67	X	X		"
DAYBN 5 150	" " "		24 42.1	03.575 110.0	81 06.9	57.076 1604.4	"	"	" 4/17/67	X	X		"
DAYBN 7 151	" " "		24 42.1	06.305 194.0	81 06.8	51.579 1449.9	"	"	" 4/17/67	X	X		"
DAYBN 9 153	" " "		24 42.2	08.715 270.0	81 06.7	43.944 1235.4	"	"	" 4/17/67	X	X		"
DAYBN 10 152	" " "		24 42.1	07.670 236.0	81 06.7	43.152 1213.8	"	"	" 4/17/67	X	X		"
DAYBN 12 154	" " "		24 42.2	10.920 336.0	81 06.4	26.538 746.0	"	"	" 4/17/67	X	X		"
DAYBN 14 155	" " "		24 42.2	12.370 380.0	81 06.4	24.258 681.9	"	"	" 4/17/67	X	X		"
DAYBN 16 156	" " "		24 42.2	14.642 450.5	81 06.1	07.044 198.0	"	"	" 4/17/67	X	X		"
DAYBN 18 142	" " "		24 42.3	16.400 504.6	81 05.9	52.800 1484.2	"	"	" 4/17/67	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

USCOMM-DC 16234-P61

88

C&GS FORM [redacted]7
(11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 14 of 22

TO BE CHARTED
TO BE REVISED
TO BE DELETED
} STRIKE OUT TWO

Homestead, 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. Shearouse Chief of Party.

STATE			POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION **	CHARTS			CHARTS AFFECTED
			LATITUDE*		LONGITUDE*		DATUM			HORIZONTAL CONTROL	INSHORE CHART	OFFSHORE CHART	
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS							
146 ST DAYBN 19	BOOT KEY HARBOR		24 42.2	15.731 484	81 05.8	50.943 14320	N.A. 1927	Hydro. Cnts T-12634	4/17/67 2/16/67	X	X		141-SO, 852 1250
165 DAYBN 20	" " "		24 42.2	09.035 278.0	81 05.6	34.902 981.1	"	"	4/17/67	X	X		"
34 DAYBN 5	MOSER CHANNEL SOUTH See chart for revised position		24 41.6	39.05N 1140	81 10.1	29.795.9 253	"	"	5/5/67	X	X		141-SO, 852 1251
34 DAYBN 6	" " " Same		24 41.7	39.554 1215	81 10.0	03.913 110	"	"	5/5/67	X	X		"
33 LIGHT 2 —	NEWFOUND HARBOR CHANNEL ENTRANCE		24 37.1	06.565 202	81 24.4	25.884 728.1	"	Photo plot T-12633	4/24/67 1/20/66	X	X		353 1251
33 DAYBN 3	NEWFOUND HARBOR CHANNEL		24 37.7	45.932 1413.2	81 23.8	40.526 1139.8	"	Hydro. Cnts T-12633	4/28/67	X	X		"
32 DAYBN 4 —	MILES CHANNEL		24 37.6	33.932 1044	81 24.9	52.988 1490.5	"	"	4/28/67	X	X		"
31 DAYBN 5 —	" "		24 37.5	27.627 850	81 25.4	25.525 718.	"	"	4/24/67	X	X		"
30 DAYBN 6 —	" "		24 38.1	04.746 146	81 25.5	29.084 818	"	"	4/24/67	X	X		"
	SUGARLOAF CHANNEL												
69 DAYBN 1 —	PIRATES COVE		24 36.5	29.577 910	81 30.7	41.877 1178.1	"	"	2/3/66 5/2/67	X	X		"
68 DAYBN 2 —	" "		24 36.4	26.457 814	81 30.6	40.157 1129.7	"	"	5/2/67	X	X		"
70 DAYBN 3 —	" "		24 36.7	44.853 1380	81 30.6	34.377 967.1	"	"	5/2/67	X	X		"
DAYBN N 4	" "		24 36.8	51.558 1574	81 30.5	30.218 850.1	"	"	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.

* TABULATE SECONDS AND METERS

** Field Edit Verification Date

USCOMM-DC 18234-P61

C&GS FORM 567
(11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 15 of 22

TO BE CHARTED
TO BE REVISED } STRIKE OUT TWO
TO BE DELETED

Homestead, 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. Shearouse *Chief of Party.*

STATE: FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* D.M. METERS	POSITION LONGITUDE* ° ′	LONGITUDE* D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION * X	CHART: MARKER	CHART: INSHORE	CHART: OFFSHORE	CHARTS AFFECTED
DAYBN 5	PIRATES COVE		24 37.1	05.704 / 156.0	81 30.6	33.243 / 935.1	N.A. 1927	Geod. Cntrl T-12633	5/2/67	X	X		853 1251
DAYBN 6	" "		24 37.2	11.343 / 349	81 30.6	33.456 / 941.1	"	"	5/2/67	X	X		"
DAYBN 7	" "		24 37.3	14.171 / 436	81 30.6	36.265 / 1020.1	✓	"	5/2/67	X	X		"
DAYBN 8	" "		24 37.5	28.342 / 872	81 30.5	27.445 / 772	✓	"	5/2/67	X	X		"
DAYBN 9	" "		24 37.6	34.647 / 1065	81 30.5	26.769 / 753	✓	"	5/2/67	X	X		"
DAYBN 10	" "		24 37.9	54.409 / 1674	81 30.4	22.578 / 635.1	✓	"	5/2/67	X	X		"
DAYBN H	" "		24 38.5	31.267 / 962	81 30.5	25.067 / 705	✓	"	5/2/67	X	X		"
DAYBN 14	" "		24 39.1	01.560 / 48	81 30.7	38.103 / 1071.5	✓	"	5/2/67	X	X		"
DAYBN 13	" "		24 38.6	59.414 / 1828.0	81 30.6	37.001 / 1040.5	✓	"	5/2/67	X	X		"
DAYBN 15	" "		24 39.2	11.506 / 354	81 30.8	45.891 / 1290.5	✓	"	5/2/67	X	X		"
	HACK CHANNEL												
LIGHT	NINEFOOT SHOAL (NINE FOOT SHOAL LIGHT 1935)		24 34	07.330 / 225.7	81 33	07.011 / 217.2	"	Origins. T-12633	4/6/66 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.

* TABULATE SECONDS AND METERS

USCOMM-DC 18234-P61

C&GS FO (11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 16 of 22

TO BE CHARTED
TO BE REVISED
TO BE DELETED } STRIKE OUT TWO

Homestead, 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. Kescolring

William H. Shearouse *Chief of Party.*

STATE: FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION * *	TABULATE STAT. CHARTS: HARBOR CHARTS	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	LONG KEY – CAPE SABLE												
41 LIGHT 1	ARSENIC BANK		24 52.2	13.659 / 4203	30 53.1	02.910 / 817	U.A. 1927	theodolite photo-plot T-12631	1/19/67 8/19/65	X	X		141-SC, 851 1250
47 LIGHT 2	" "		24 52.3	16.259 / 500.:	30 53.2	11.032 / 309.7	"	"	" 1/13/67	X	X		"
43 BAKER 3	TRIPOD BANK		24 52.9	54.220 / 1668.3	30 54.7	40.236 / 1129.4	"	theo. cuts T-12631	1/19/67	X	X		"
34 LIGHT 5	SPRIGGER BANK		24 54.8	49.601 / 1495.4	30 56.4	18.844 / 528.8	"	photo-plot T-12631	1/18/67	X	X		141-SC 1250
29 LIGHT 6	SCHOONER BANK		24 57.3	24.657 / 758.7	30 53.8	48.324 / 1355.6	"	theodolite "	1/19/67	X	X		"
26 BAKER 8	" "		24 58.4	25.583 / 787.2	30 59.4	22.381 / 627.7	"	theo. cuts T-12631	1/18/67	X	X		"
30 LIGHT 7	" "		24 58.3	18.828 / 579.3	30 58.3	19.682 / 552.1	"	" theodolite photo-plot	1/16/67	X	X		"
24 LIGHT 10	OKEOUT BANK		24 59.2	13.381 / 411.7	81 00.7	42.389 / 1182.6	"	T-12630	1/23/67	X	X		"
8 DAYBN 11	" "		25 00.5	35.243 / 1084.4	81 00.5	31.081 / 871.6	"	theo. cuts T-12626	1/23/67	X	X		"
27 DAYBN 9X	SAND KEY CHANNEL		24 59.8	46.242 / 1422.8	81 59.4	26.798 / 751.5	"	theo. cuts T-12631	1/23/67	X	X		" (T-12631)
12 DAYBN 10X	" " "		25 00.3	19.739 / 607.3	80 59.7	44.294 / 1242.1	"	T-12627	1/23/67	X	X		"
6 DAYBN 12	" " "		25 01.2	13.008 / 400.2	81 00.8	44.618 / 1251.0	"	theo. cuts T-12626	1/23/67	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

* * Date of verification

USCOMM-DC 16234-P61

1

C&GS FO[illegible]7
(11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND G[illegible]DETIC SURVEY

PHOTOGRAMMETRIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS 17 of 22

TO BE CHARTED
TO BE REVISED
TO BE DELETED
} STRIKE OUT TWO

Homestead, Florida April 12, 1966

I recommend that the following objects which have (~~recently~~) 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 L. Kesselring

William H. Shenrouse *Chief of Party.*

STATE	FLORIDA		POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION **	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*		LONGITUDE*		DATUM						
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS							
	SEACOAST												
2 LIGHT	ALLIGATOR REEF (~~ALLIGATOR REEF LIGHTHOUSE 1908~~)		24 51	04.866 149.7	80 37	08.661 223.2	N.A. 1927	trlang. T-12632	4/5/66 2/3/67	X	X		141-SC, 850 1250, 851
DAYBN	TENNESSEE REEF OBSTRUCTION (~~TENNESSEE REEF BEACON 1, 1934-35~~)		24 45	59.705 1837.0	80 45	13.553 380.8	"	trlang. T-12631	"	X	X		851 1250
53 LIGHT	TENNESSEE REEF (~~TENNESSEE REEF LIGHTHOUSE 1934~~)		24 44	44.295 1362.9	80 46	57.255 1608.9	"	"	"	X	X		141-SC, 851 1250
LIGHT	SOMBRERO KEY (~~SOMBRERO KEY LIGHTHOUSE 1909~~)		24 37	38.617 1188.1	81 06	39.683 1116.2	"	trlang. T-12634	4/6/66 4/17/67	X	X		141-SC, 852 1250
LIGHT G	BIG PINE SHOAL (~~BIG PINE SHOAL LIGHT G 1951~~)		24 34.2*	04.32 132.9	81 19.6*	32.49 928.3	"	trlang. T-12633	"	X	X		853 1251
105 DAYBN H	LOOE KEY (~~LOOE KEY DAY BEACON H, 1951~~)		24 32.9*	51.914 1,597.5	81 24.2*	13.601 382.0	"	"	"	X	X		"
LIGHT	AMERICAN SHOAL (~~AMERICAN SHOAL LIGHTHOUSE 1909~~)		24 31	28.812 886.5	81 31	10.624 299.1	"	"	" 5/2/67	X	X		"
	* G.P. not available												

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

USCOMM-DC 15234-P61

72

Form 567
(4-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS [redacted] FOR CHARTS

TO BE CHARTED
TO [redacted]
} 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 *([redacted])* the charts indicated.

The positions given have been checked after listing by _____

K.N. MAKI
Chief of Party.

STATE			POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*		LONGITUDE*		DATUM						
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS							
DayBn2	BOOT KEY		24 41.9	54.22.1 1729.8	81 07.2	12.840 361.0			4/17/67				
[redacted]	[redacted]		[redacted]		[redacted]								

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

73

Form 567
(10-15-58)

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

Homestead, Florida — Feb. 8, 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 James L. Murphy

William H. Shearouse

William H. Shearouse *Chief of Party.*

STATE	FLORIDA		POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*		LONGITUDE*								
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS	DATUM						
	LONG KEY--CAPE SABLE												
66 LIGHT	East Cape Light 2		25 04 05	58.513 / 1800.4	81 04 05	58.693 / 1645.0	N. A. 1927	Theod. T-12626	1/10/67		X		141-SC 1250,598-SC
69 DAYBEACON	" " Daybeacon 1A		25 06	34.742 / 1069.0	81 05	15.189 / 425.6	"	"	1/10/67		X		"
67 DAYBEACON	" " " 4		25 05	12.774 / 393.05	81 03	25.750 / 721.6	"	"	1/26/67		X		"
68 LIGHT	" " Light 5		25 05	44.767 / 1377.45	81 01	52.064 / 1454	"	Photo Plot T-12626	1/26/67		X		"
53 DAYBEACON	Joe Kemp Channel Daybeacon 6		25 06	23.744 / 730.06	80 58	36.932 / 1032.8	"	Sextant T-12627	1/26/67		X		"
54 DAYBEACON	" " " " 8		25 06	51.174 / 1574.6	80 57	19.915 / 556	"	"	1/26/67		X		"
55 LIGHT	FLAMINGO CHANNEL LIGHT 9		25 07	23.641 / 727.41	80 55	47.408 / 1325	"	Photo Plot T-12627	1/26/67		X		"
56 DAYBEACON	" " Daybeacon 10		25 07	23.284 / 716.24	80 55	45.581 / 1277	"	Theodolite T-12627	11/3/66		X		"
57 DAYBEACON	" " Daybeacon 12		25 07	47.445 / 1459.24	80 55	39.597 / 1108.8	"	"	1/26/67		X		"
58 DAYBEACON	" " " 14		25 08	13.461 / 414.2	80 55	32.578 / 912.6	"	"	11/3/66		X		"
59 LIGHT	" " Light 15		25 08	17.901 / 550.5	80 55	31.429 / 880.4	"	Photo Plot T-12627	1/26/67		X		"
60 DAYBEACON	" " Daybeacon 16		25 08	18.200 / 560.0	80 55	28.146 / 789.0	"	Theodolite T-12627	11/3/66		X		"
61 DAYBEACON	" " " 18		25 08	23.629 / 727.0	80 55	20.005 / 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

USCOMM-DC 27126

C&GS FO[illegible] (11-61)

U.S. DEPART[illegible]T OF COMMERCE
COAST AND GEODETIC SURVEY

[illegible] of 22

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

~~TO BE CHARTED~~
TO BE REVISED
~~TO BE DELETED~~
} STRIKE OUT TWO

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 Shearouse Chief of Party.

STATE FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	HAWK CHANNEL												
(14) DAYBN 5	Moser Channel South		24 41	37.218 / 1145.1	81 10	07.310 / 205.5	N.A. 1927	theodolite F12634	5/3/67	-	-		141-SC, 852, 1251
(13) DAYBN 6	" " "		24 41	39.952 / 1229.2	81 10	59.900 / 1683.9	"	"	"	-	-		" " "
	LONG KEY - MOSER CHANNEL												
(37) DAYBN 7	CHANNEL KEY (Repeat Existing on Page 5)		24 48	40.265 / 1238.9	80 54	42.943 / 1206.	" "	Sextant F-12631	4/12/67	-	✓		141-SC, 851, 1250
	BIG SPANISH CHANNEL												
(30) DAYBN 30	Big Spanish Channel Daybn 30		24 45	21.731 / 668.6	81 22	23.862 / 670.5	" "	Sextant F-12629	5/3/67	✓	✓		852, 1251
(15) DAYBN 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 16234-P61

29

C&GS FORM 567
(11-61)

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, 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. Shearouse Chief of Party.

STATE FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	HAWK CHANNEL												
143 Dayon 4	Moser Channel South		24 41.4	19.902 617.3	81 10.1	05.030 141.4	NA 1927	Mosolite T-12634	5/5/67	✓	✓		141-SC, 852 1251
	SUGARLOAF CHANNEL												
82 Dayon 18	Pirates Cove		24 38	12.158 374.1	81 30	44.599 1254.1		SEKRAT T-12633	5/3/67				853 1251
83 Dayon 20	Pirates Cove		24 38	25.571 786.8	81 30	51.296 1442.4		"	5/2/67				853 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

USCOMM-DC 16234-P61

76

C&GS FORM (11-61).

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. Shearouse Chief of Party.

STATE FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	Duck Key Yacht Harbor						N.A.						141-SC, 851
Daybeacon	Daybeacon 2		24 45.8		80 54.6		1927	T-1263'	4/11/67				1250
	Duck Key Yacht Harbor						"						
Daybeacon	Daybeacon 4		24 45.8		80 54.6		"	"	4/11/67				Same
	Retain on charts as prior Aids		N.P.S	7/16/70									

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

77

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

AERONAUTICAL AID

~~NON-FLOATING AIDS TO NAVIGATION~~ FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED
} STRIKE OUT TWO

WSC Rockville, MD Oct. 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 _____

Chief of Party.

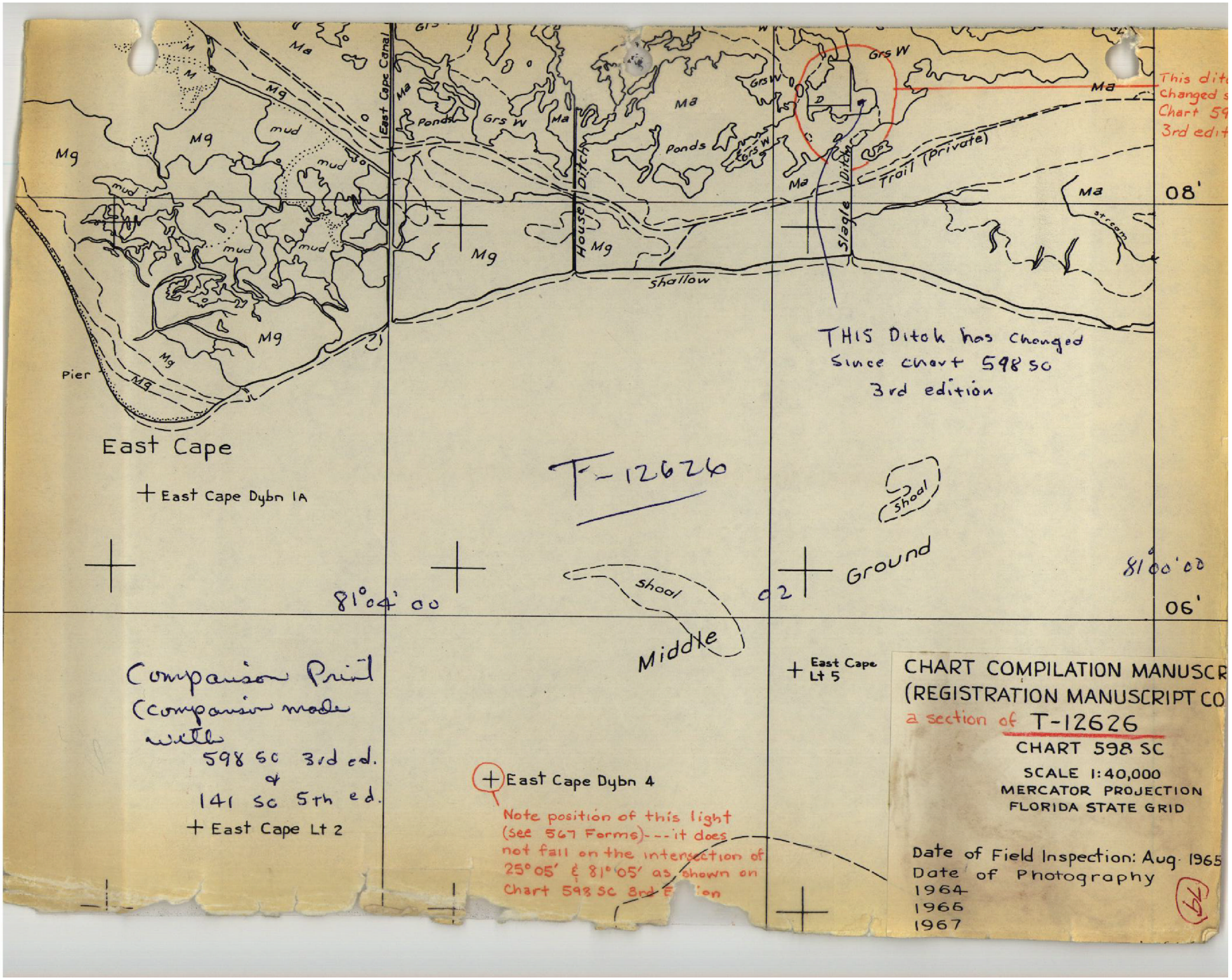
STATE			POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*		LONGITUDE*		DATUM						
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS							
AERO BEACON	ht. 55 (60)		24 43	1286.8	81 02	674.9			4/11/67				

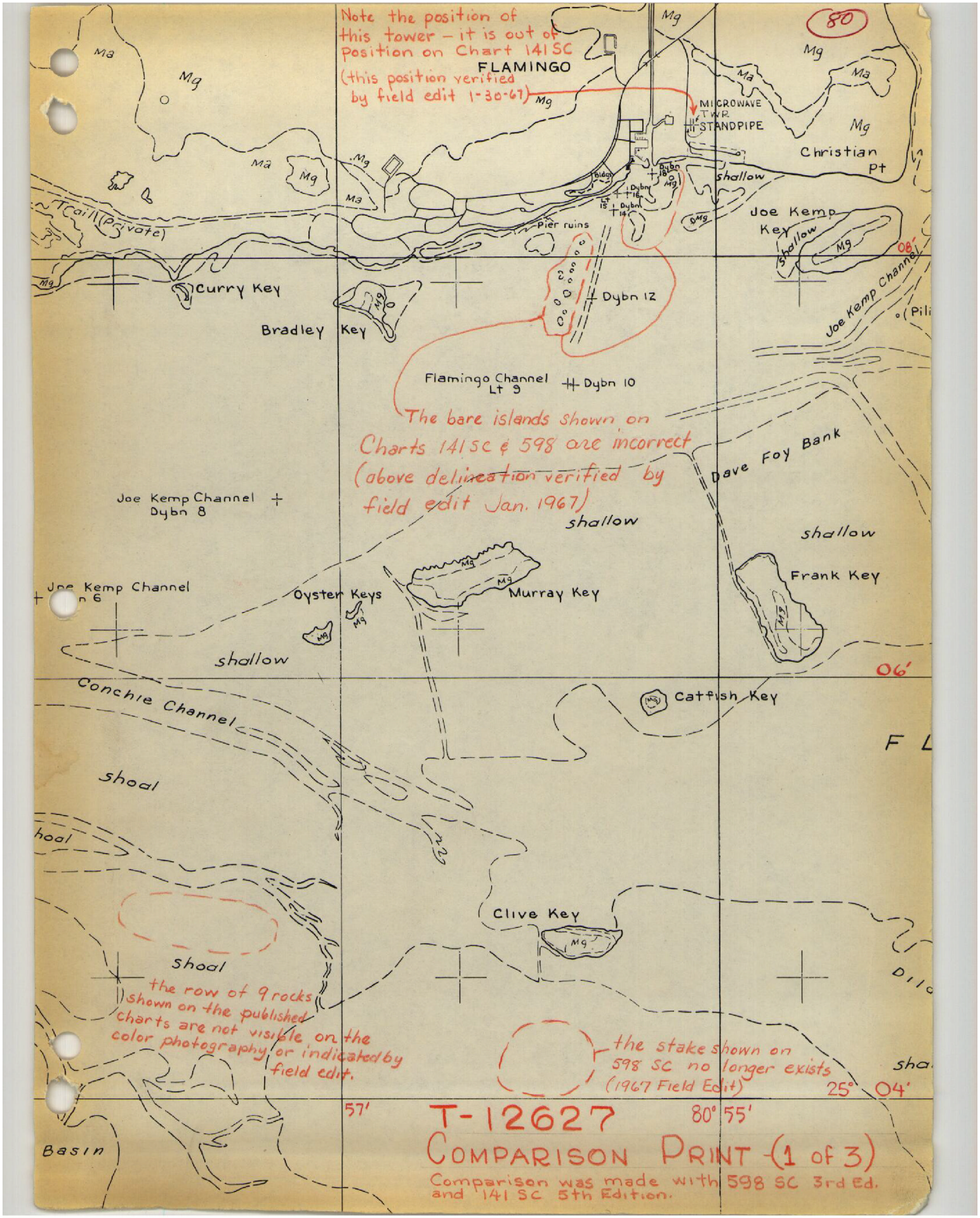
This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and *non-floating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered 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

78

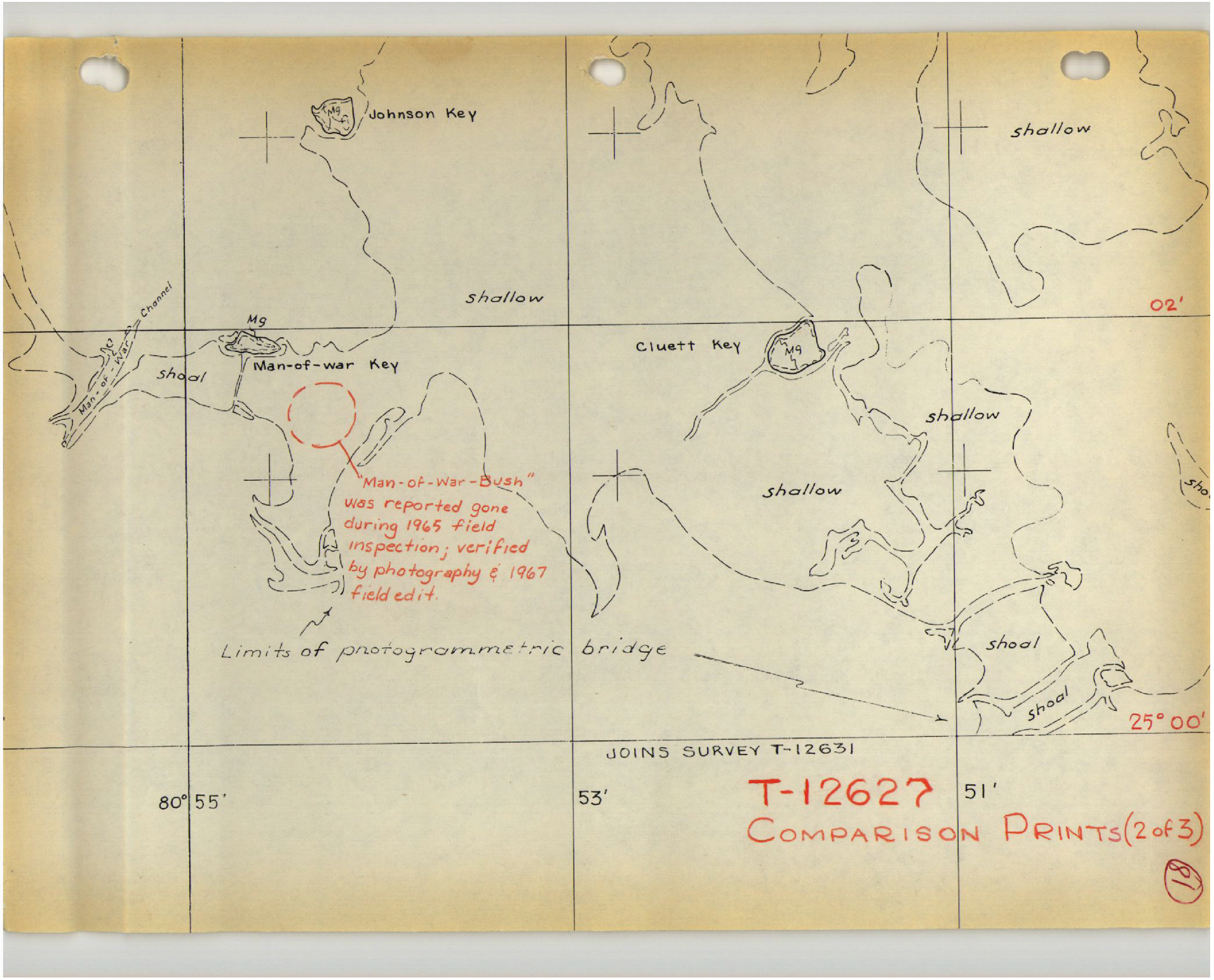

East Cape Canal
House Ditch
Slagle Ditch
Trail (private)
Ponds
Grs W
Ma
Mg
mud
Shallow
stream
Pier
East Cape
East Cape Dybn 1A
THIS Ditch has changed since chart 598 SC 3rd edition
T-12626
Shoal
Ground
81°04' 00
81°00'00
08'
06'
Middle
East Cape Lt 5
Comparison Print
(comparison made with
598 SC 3rd ed.
&
141 SC 5th ed.
East Cape Lt 2
East Cape Dybn 4
Note position of this light (see 567 Forms)---it does not fall on the intersection of 25°05' & 81°05' as shown on Chart 598 SC 8nd E ion
CHART COMPILATION MANUSCR
(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
1964
1966
1967



T-12627

COMPARISON PRINT (1 of 3)

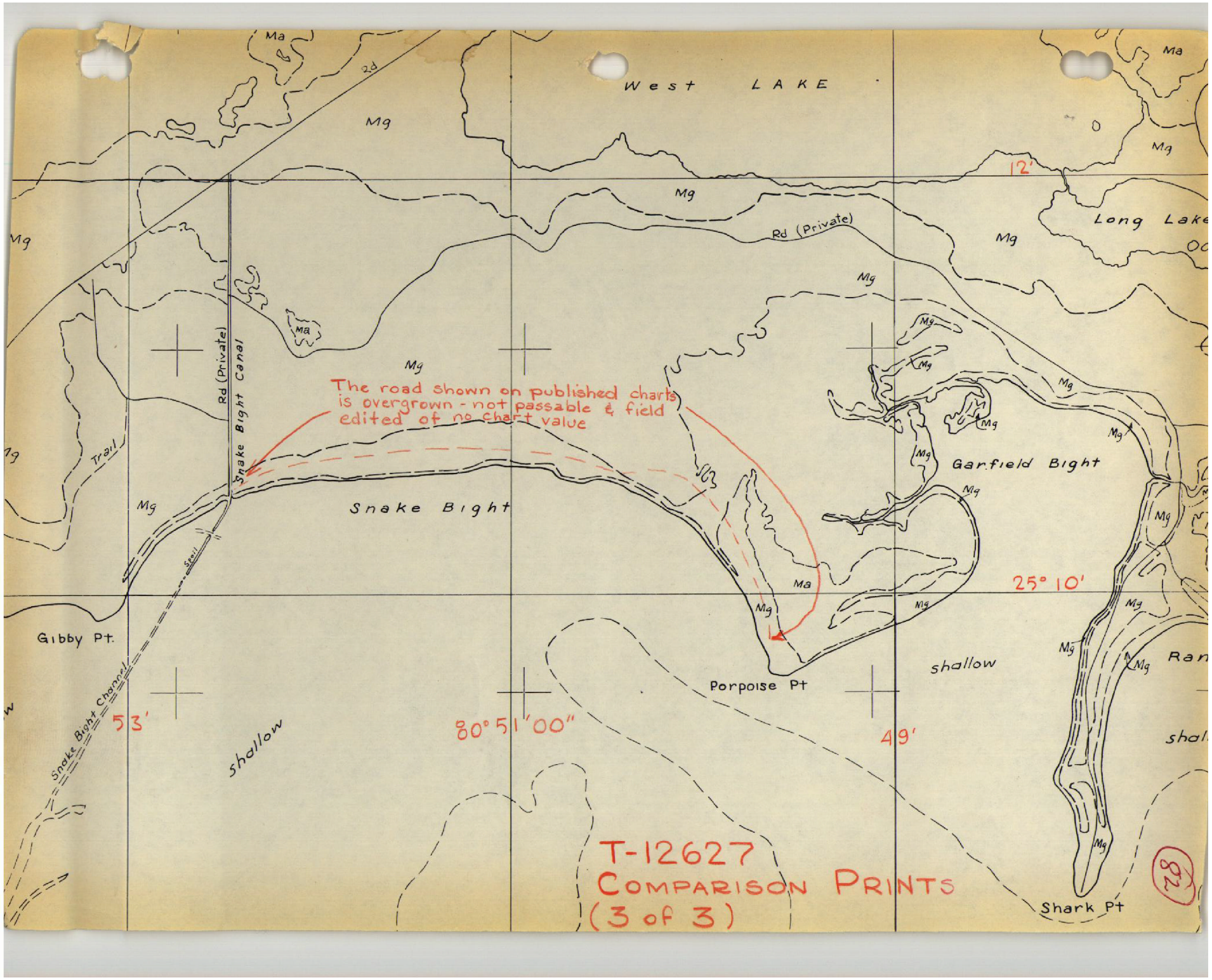
Comparison was made with 598 SC 3rd Ed. and 141 SC 5th Edition.

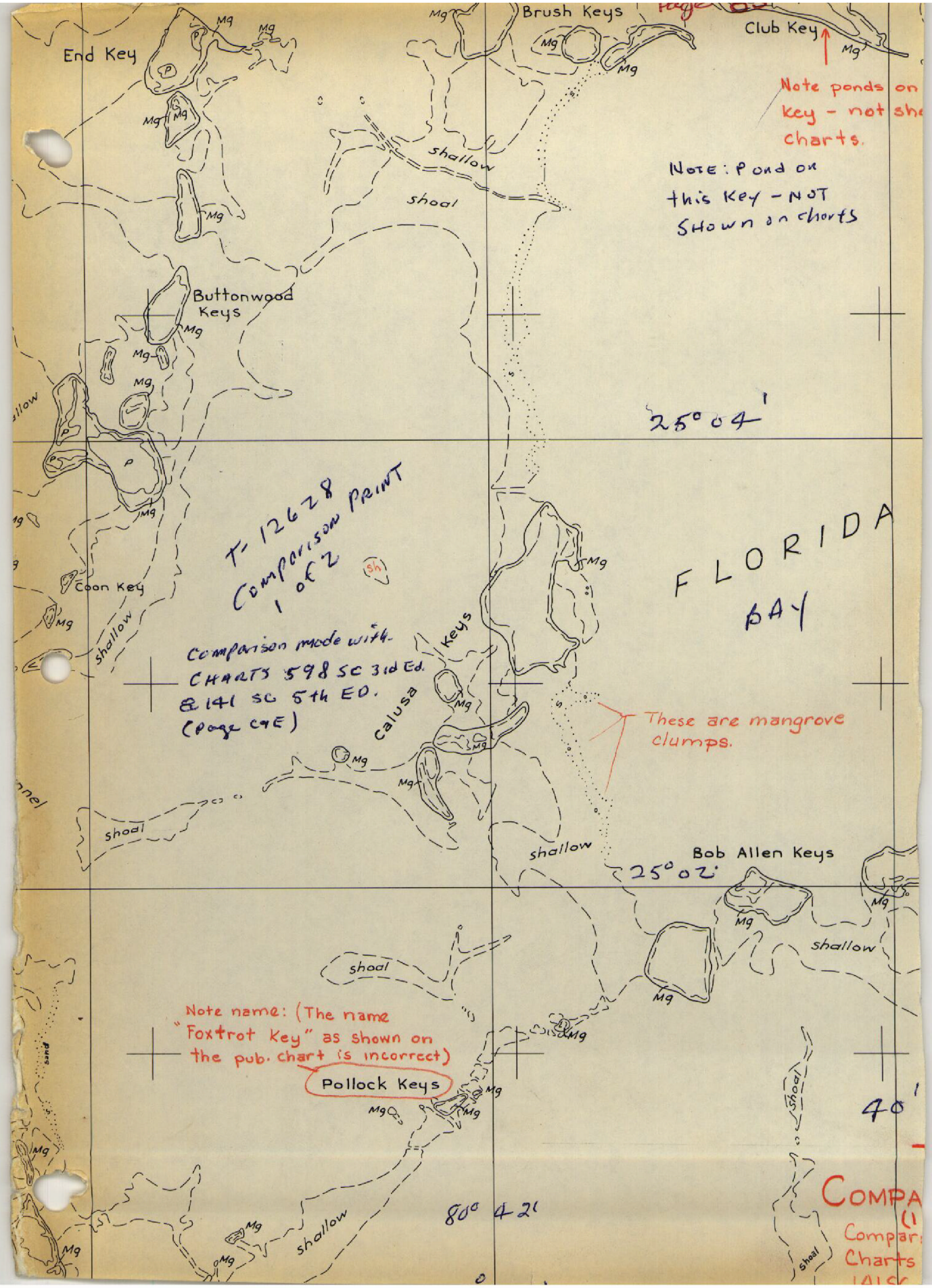


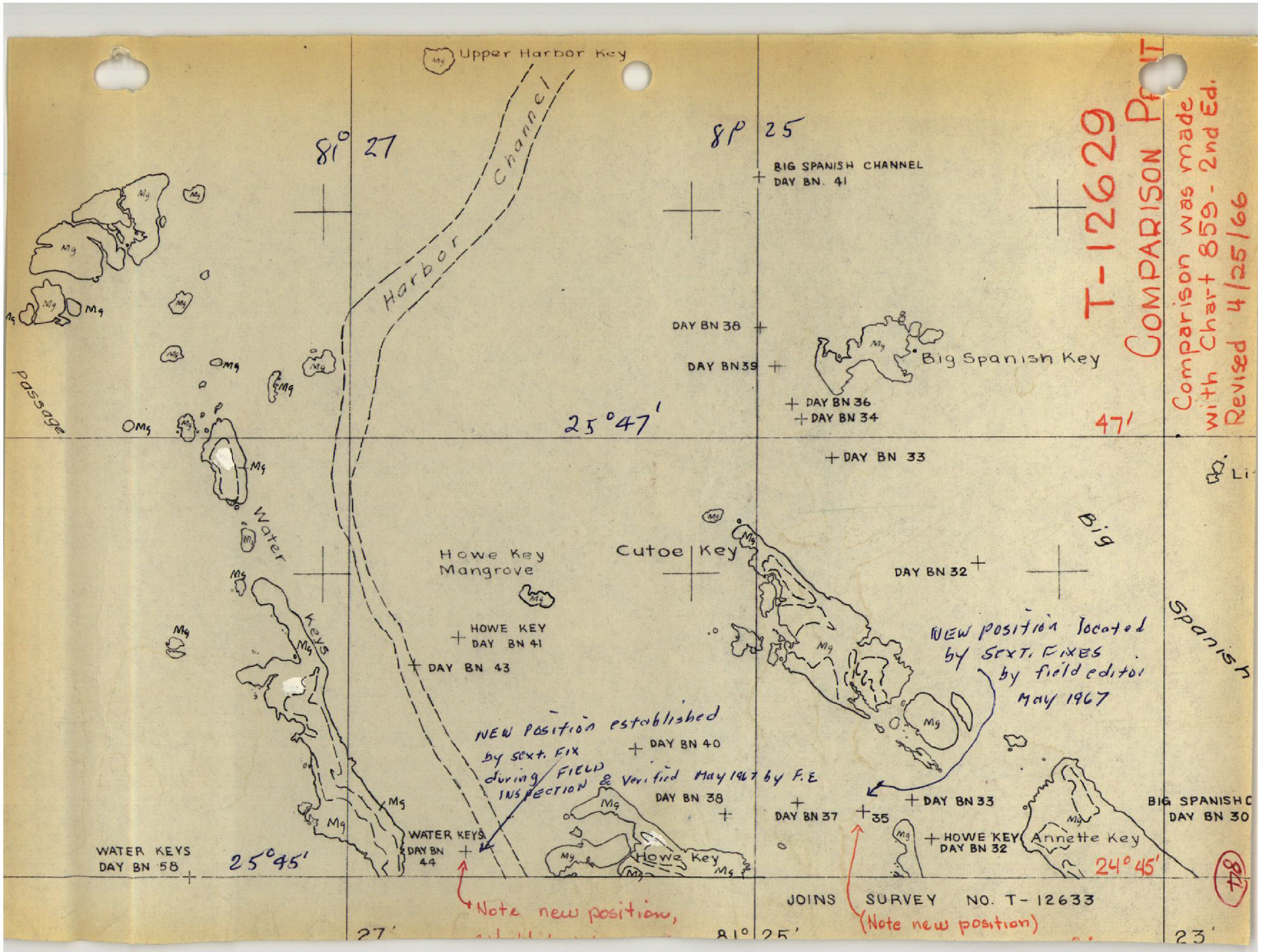
T-12627

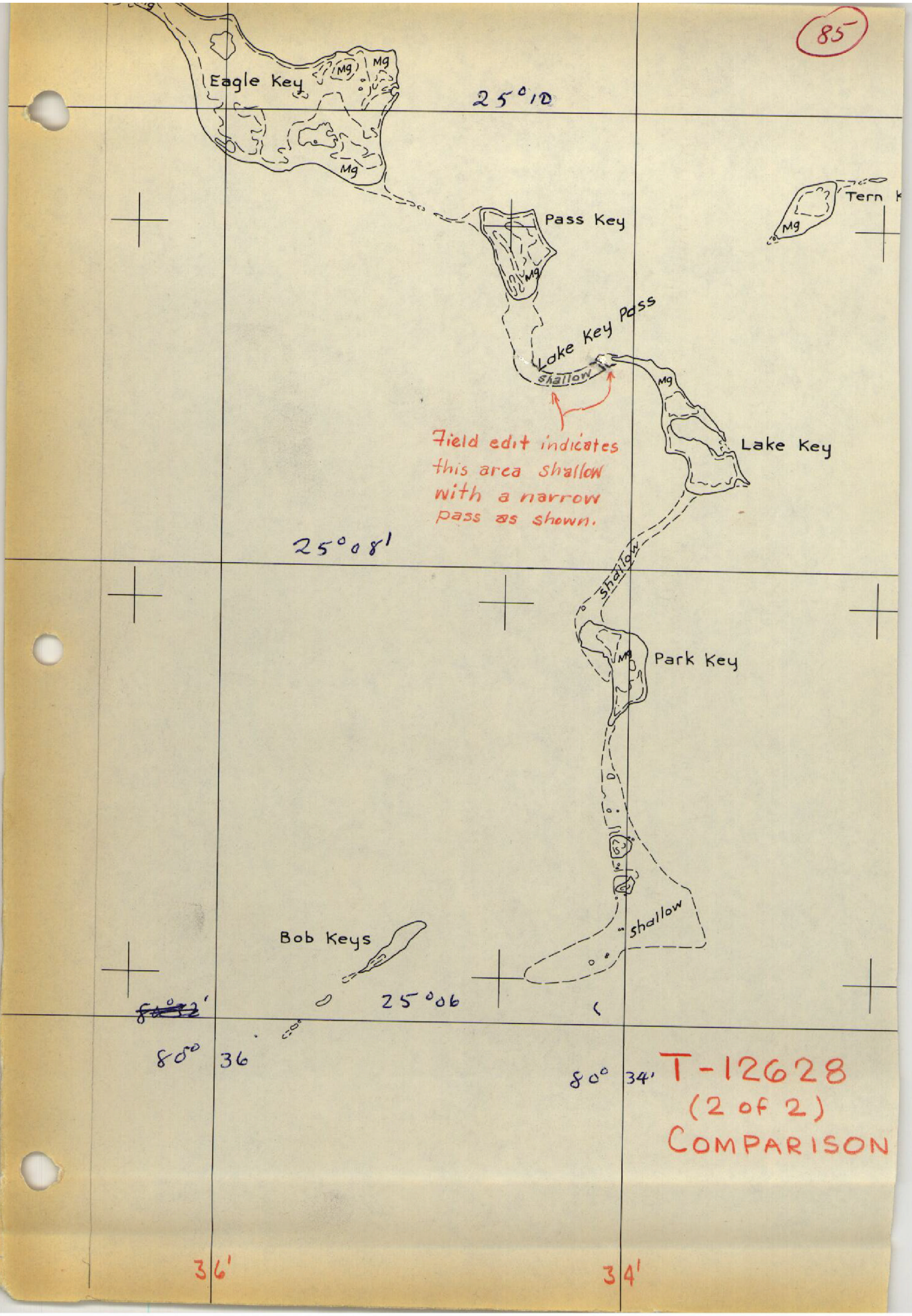
COMPARISON PRINTS (2 of 3)

(1)

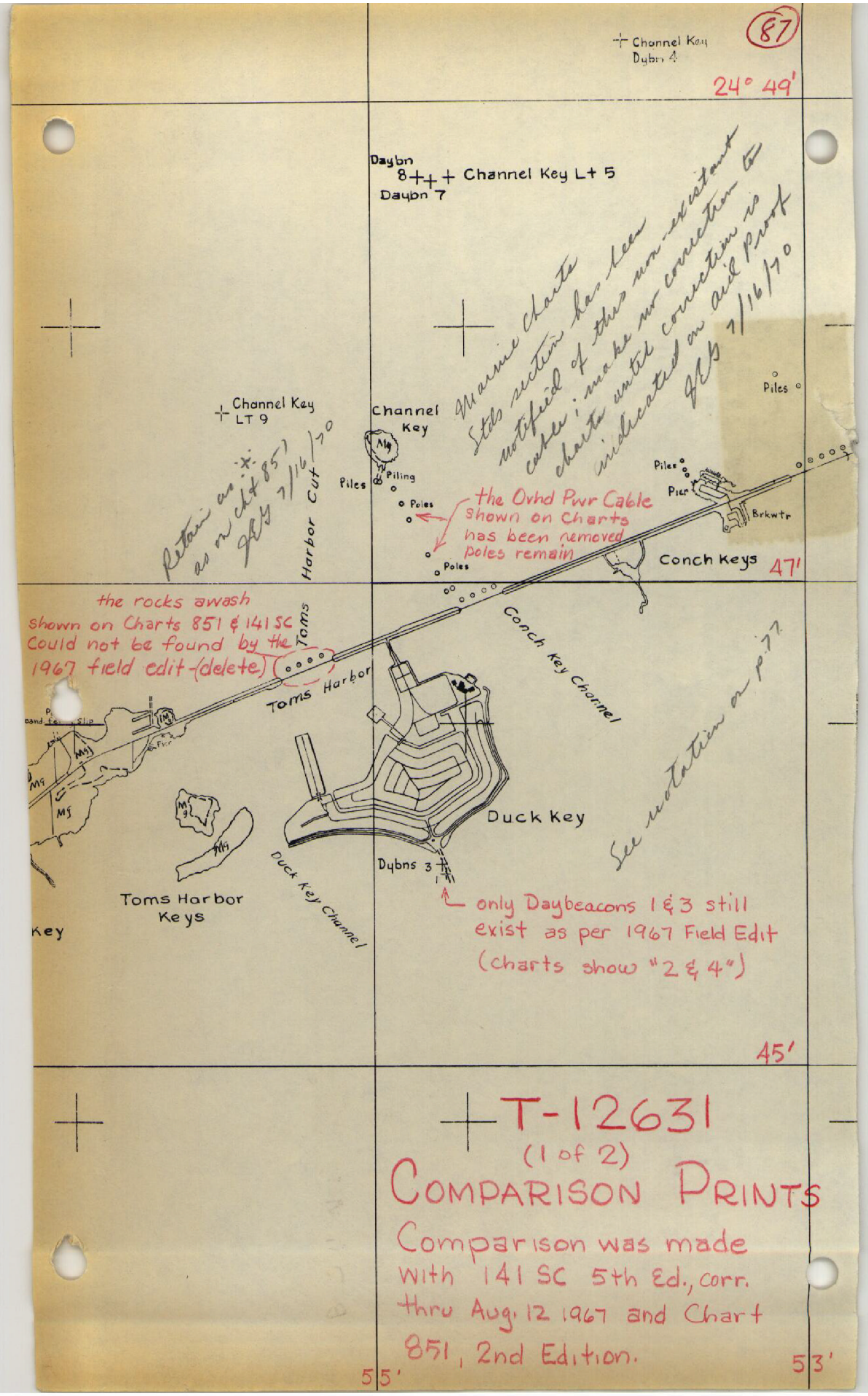

West LAKE
Long Lake
Rd (Private)
Rd (Private)
Snake Bight Canal
Trail
Trail
Snake Bight
Garfield Bight
The road shown on published charts is overgrown - not passable & field edited of no chart value
Gibby Pt.
Snake Bight Channel
Porpoise Pt
Shark Pt
shallow
shallow
53'
49'
12'
25° 10'
80° 51' 00"
Ma
Mg
2d
T-12627
COMPARISON PRINTS
(3 of 3)
82

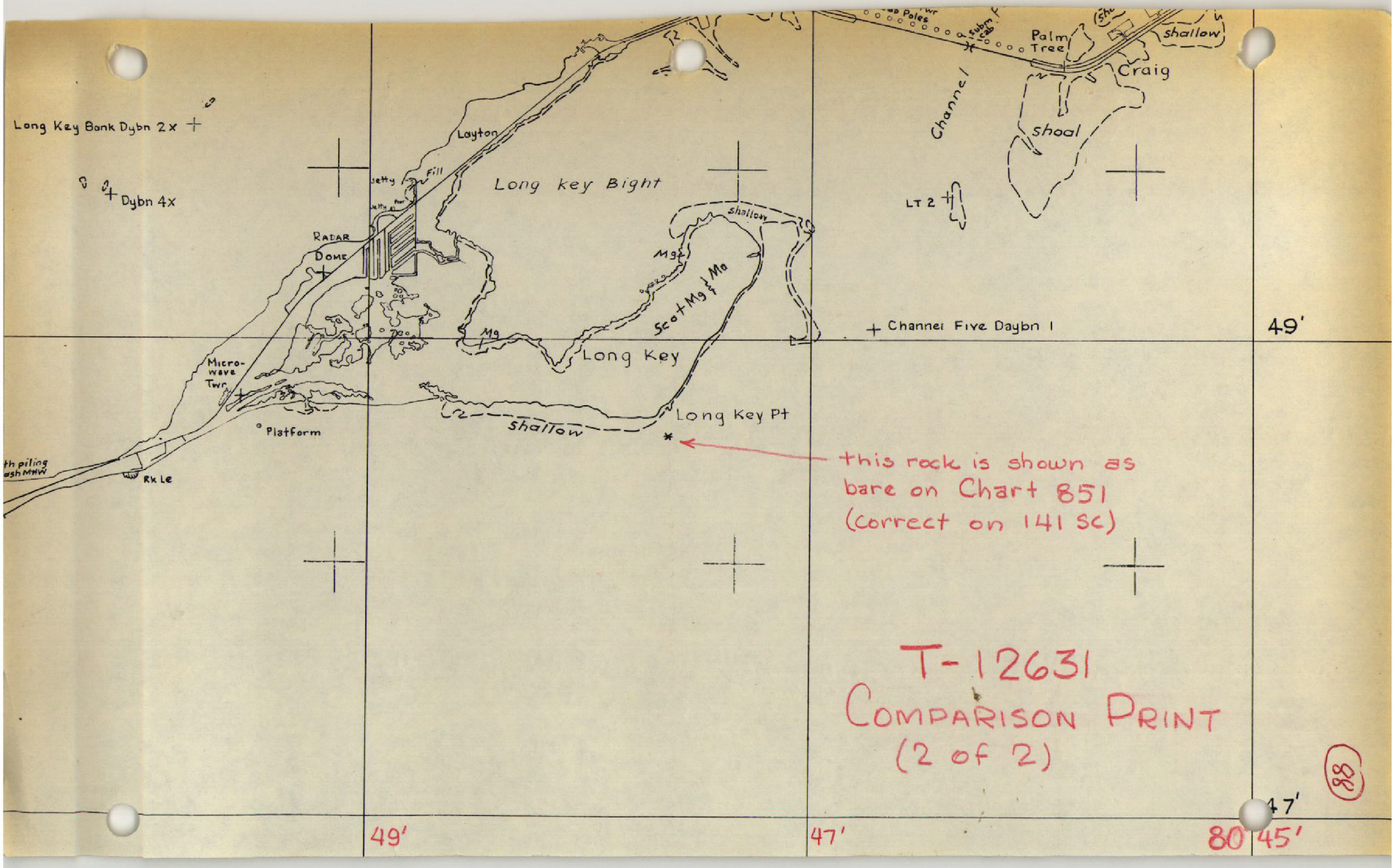

End Key
Brush Keys
Club Key
Note ponds on key - not sho charts.
NOTE: Pond on this Key - NOT Shown on charts
shoal
shallow
Buttonwood Keys
25° 04'
T-12628
Comparison Print
1 of 2
Coon Key
FLORIDA BAY
Comparison made with CHARTS 598 SC 31st Ed. & 141 SC 5th ED. (Page 64E)
Calusa Keys
These are mangrove clumps.
Bob Allen Keys
25° 02'
Note name: (The name "Foxtrot Key" as shown on the pub. chart is incorrect)
Pollock Keys
80° 42'
40'
COMPA
(1
Compar
Charts

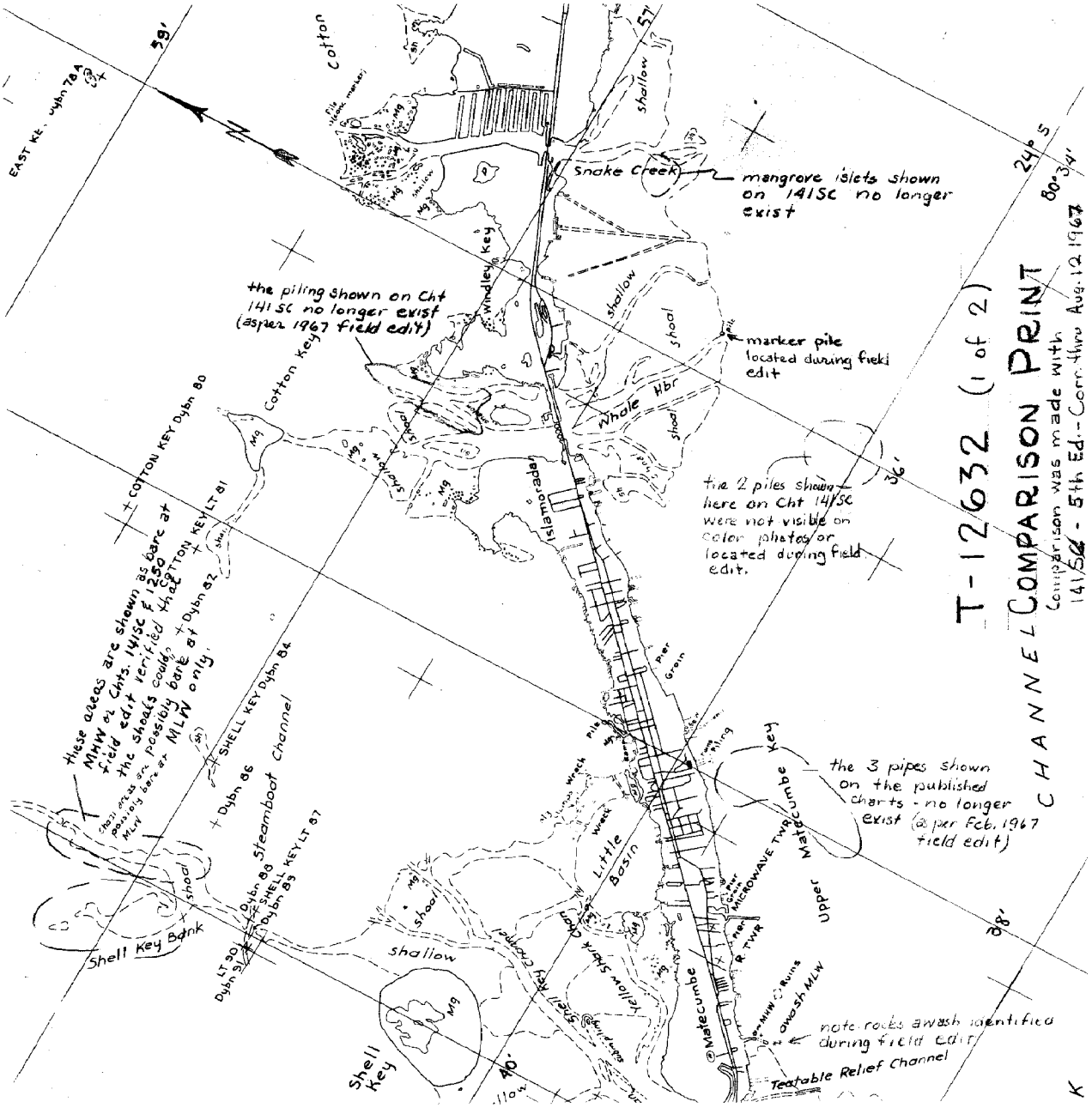

T-12629
COMPARISON PRINT
Comparison was made with Chart 859 - 2nd Ed. Revised 4/25/66
Upper Harbor Key
Harbor Channel
81° 27
81° 25
BIG SPANISH CHANNEL
DAY BN. 41
DAY BN 38
DAY BN 39
Big Spanish Key
DAY BN 36
DAY BN 34
47'
25°47'
DAY BN 33
passage
Water
Howe Key
Mangrove
Cutoe Key
DAY BN 32
Big Spanish
HOWE KEY
DAY BN 41
DAY BN 43
NEW position located by sext. fixes by field editor May 1967
NEW position established by sext. fix during FIELD INSPECTION & Verified May 1967 by F.E.
DAY BN 40
DAY BN 38
DAY BN 37
35
DAY BN 33
HOWE KEY
DAY BN 32
Annette Key
BIG SPANISH C
DAY BN 30
WATER KEYS
DAY BN 58
25°45'
WATER KEYS
DAY BN 44
Howe Key
24°45'
JOINS SURVEY NO. T-12633
(Note new position)
Note new position,
27'
81° 25'
23'


85
Eagle Key
Mg
Mg
Mg
25°10
Pass Key
Mg
Tern K
Mg
Lake Key Pass
shallow
Mg
Lake Key
Field edit indicates this area shallow with a narrow pass as shown.
25°08'
shallow
Mg
Park Key
shallow
Bob Keys
25°06
80° 36
80° 34'
T-12628
(2 of 2)
COMPARISON
36'
34'

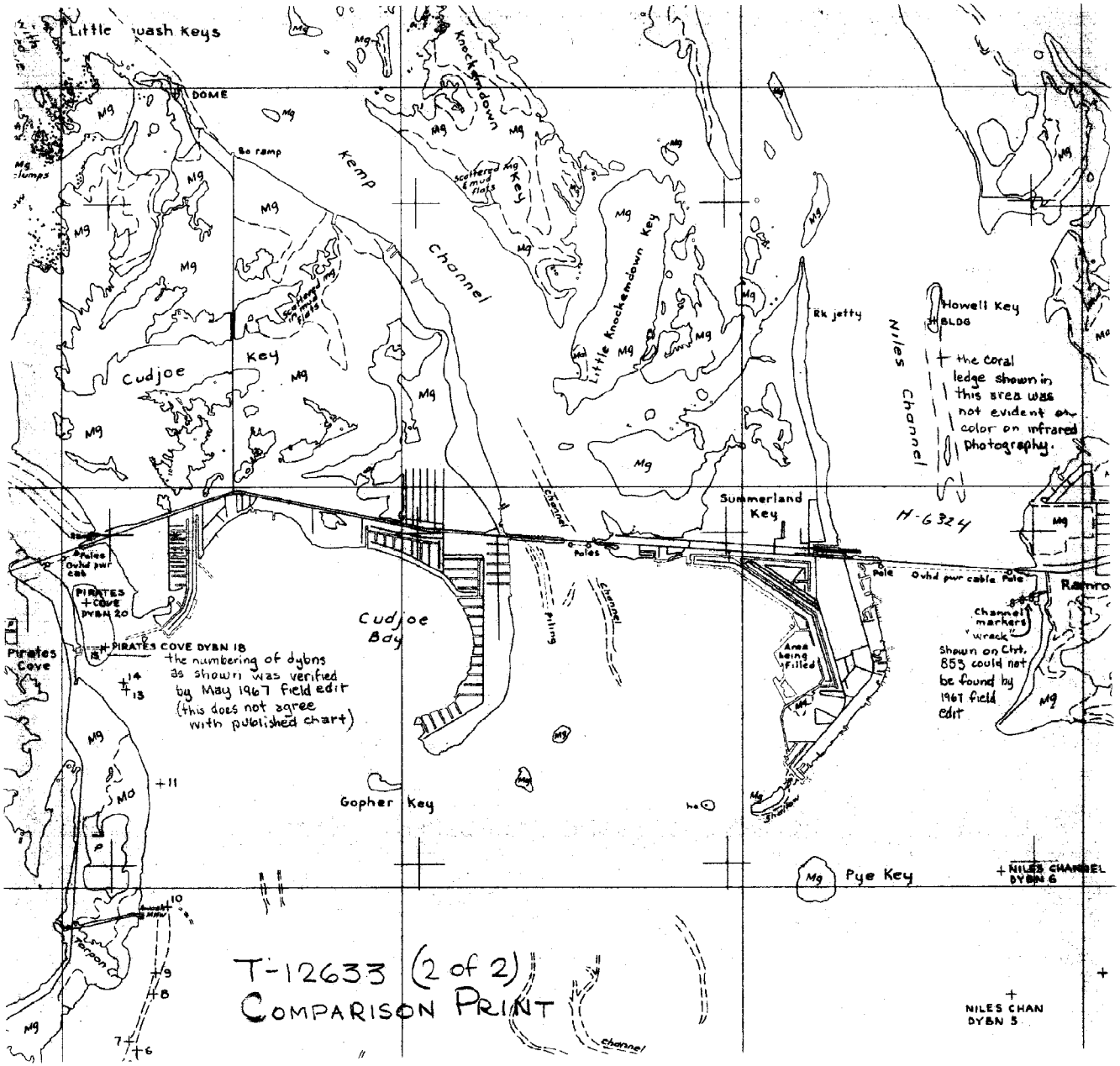
A COMPARISON PRINT WAS NOT PREPARED FOR T-12629 and T-12630 DUE TO SPARCITY OF DETAILS

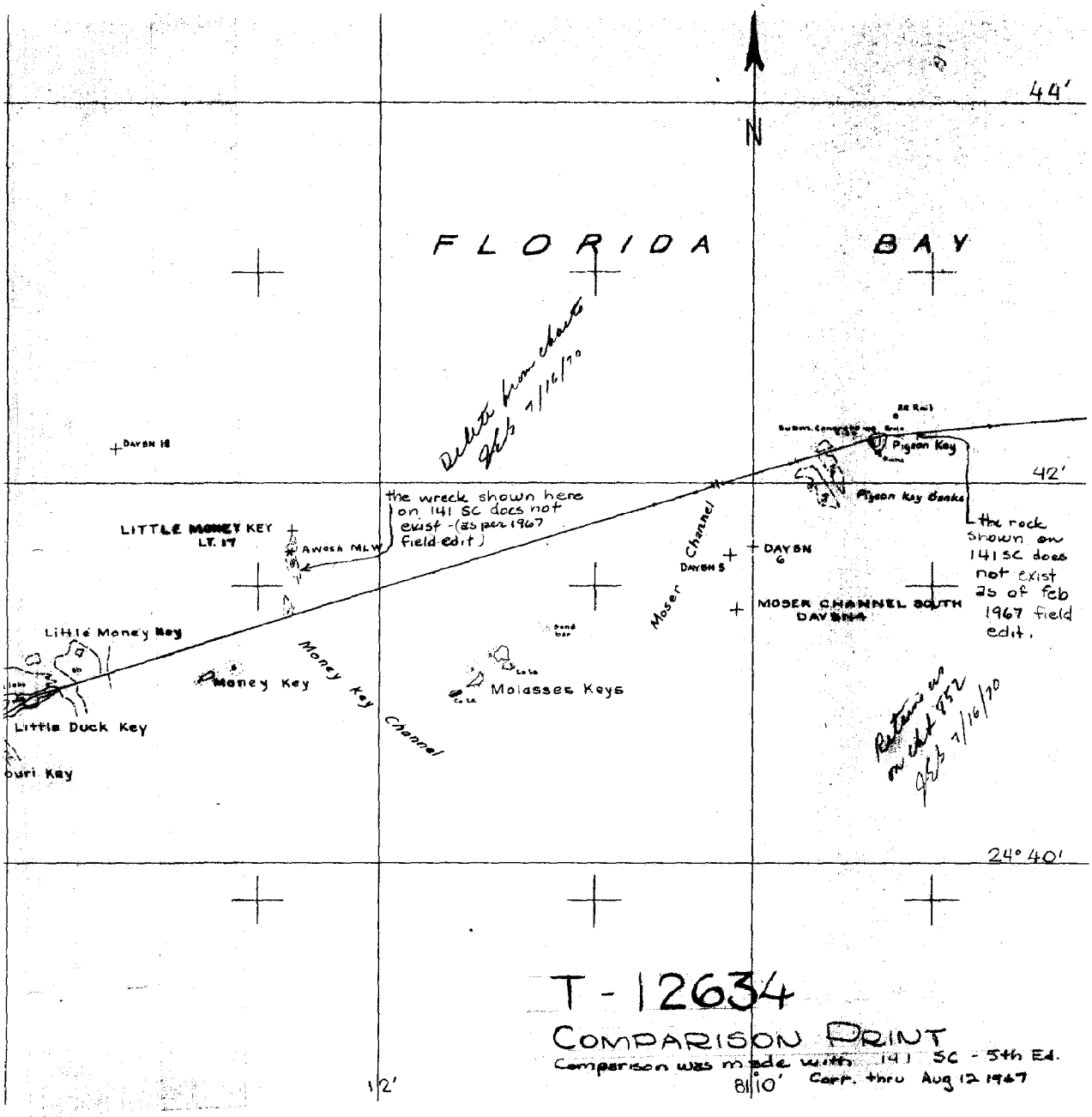

87
Channel Key
Dybn 4
24° 49'
Daybn 8
Channel Key Lt 5
Daybn 7
Marine charts this section has been notified of this non-existant cable; make no correction to charts until correction is indicated on chart print
gfs 7/16/70
Channel Key LT 9
Harbor Cut
Channel Key
Piling
Piles
Poles
the Ovhd Pwr Cable shown on Charts has been removed poles remain
Piles
Pier
Brkwtr
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
Duck Key
Dybns 3
Duck Key Channel
Toms Harbor Keys
Key
only Daybeacons 1 & 3 still exist as per 1967 Field Edit (charts show "2 & 4")
See notation on p. 77
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'


Long Key Bank Dybn 2x
Dybn 4x
Layton
Jetty
Fill
Long key Bight
RADAR DOME
Mg
Sc + Mg & Ma
shallow
Long Key
Micro-wave Twr
Platform
shallow
Long Key Pt
Rk Le
Channel
Palm Tree
Craig
shoal
shallow
LT 2
Channel Five Daybn 1
49'
this rock is shown as bare on Chart 851 (correct on 141 sc)
T-12631
COMPARISON PRINT
(2 of 2)
49'
47'
80
45'
47'


T-12632 (1 of 2)
CHANNEL COMPARISON PRINT
Comparison was made with 1415C - 5th Ed. - Corr. thru Aug. 12 1967
mangrove islets shown on 1415C no longer exist
the piling shown on Cht 1415C no longer exist (as per 1967 field edit)
marker pile located during field edit
the 2 piles shown here on Cht 1415C were not visible on color photos or located during field edit.
these areas are shown as bare at MHW on Chts. 1415C & 1250 field edit verified that the shoals could possibly bare at MLW only.
the 3 pipes shown on the published charts - no longer exist (as per Feb. 1967 field edit)
note rocks awash identified during field edit
Teatable Relief Channel
Snake Creek
Windley Key
Cotton Key
Whale Hbr
Islamorada
Shell Key
Shell Key Bank
Steamboat Channel
Little Basin
Matecumbe Key
Upper Matecumbe
Yellow Shark Channel
Shell Key Channel
COTTON KEY Dybn 80
COTTON KEY LT 81
Dybn 82
SHELL KEY Dybn 84
Dybn 86
Dybn 88
SHELL KEY LT 87
Dybn 89
LT 90
Dybn 91
MICROWAVE TWR
R TWR
Ruins
MHW
MLW
shallow
shoal
wreck
Pier
Piling
Grain
Mg
80°34'
24°55'
25'
40'
10'

T-12632 (2 of 2)
COMPARISON PRINT - (Comparison was made with 14th Ed. Corr. thru Aug 12 1967)
JOINS SURVEY NO. T-12631
Lower Matecumbe Key
Matecumbe Bight
Indian Key Channel
Indian Key Anchorage
Lignum Vitae Key
Lignum Vitae Key Bank
Lignum Vitae Channel
Peterson Keys
Peterson Key
Channel has no pile on NW side of as shown on
Bank
Upper Matecumbe Key
Lignum Vitae Key
Lignum Vitae
T-12632
(2 of 2)
90
24°55'
25°00'
80°40'


Little Knockemdown Keys
DOME
Bo ramp
Kemp Channel
Knockemdown Key
Scattered mud flats
Cudjoe Key
Little Knockemdown Key
Rk jetty
Howell Key
BLDG
the coral ledge shown in this area was not evident on color on infrared photography.
Niles Channel
Summerland Key
H-6324
Poles
Ovhd pwr cable
Pole
Ramro
Channel markers
wreck
Shown on Chrt. 853 could not be found by 1967 field edit
Area being Filled
Piling
Channel
Cudjoe Bay
PIRATES COVE DYBN 20
PIRATES COVE DYBN 18
the numbering of dybns as shown was verified by May 1967 field edit (this does not agree with published chart)
Pirates Cove
Gopher Key
Pye Key
NILES CHANNEL DYBN 6
NILES CHAN DYBN 5
Channel
T-12633 (2 of 2)
COMPARISON PRINT



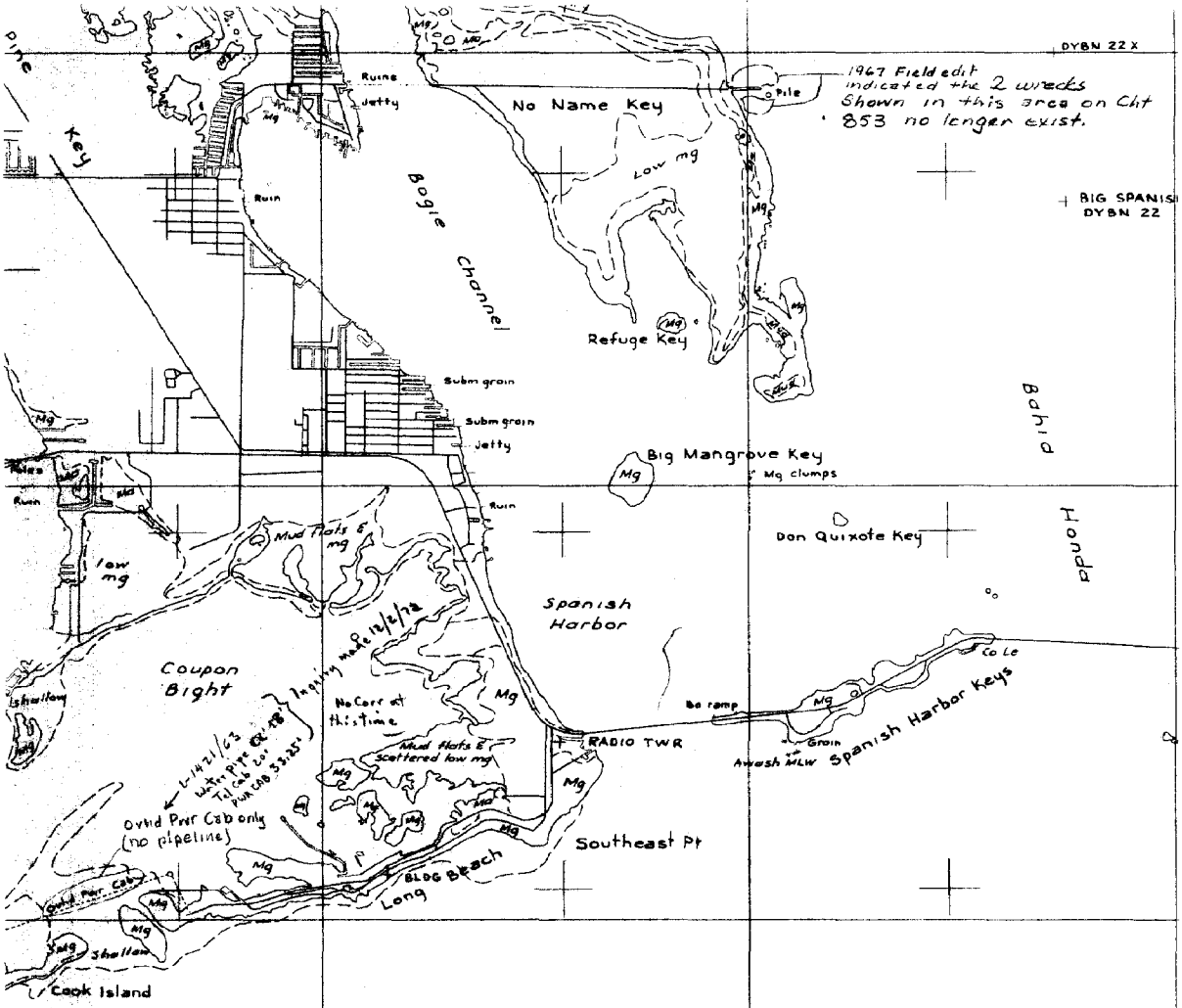
T-12634

COMPARISON PRINT

Comparison was made with 141 SC - 5th Ed. Corr. thru Aug 12 1967

12'

81°10'



T-12633 - (1 of 2)

COMPARISON PRINT

Comparison was made with Chart 853, 5th Ed. dated June 1967

(94)

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

The area from Soldier Key southwest to Long. 80°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

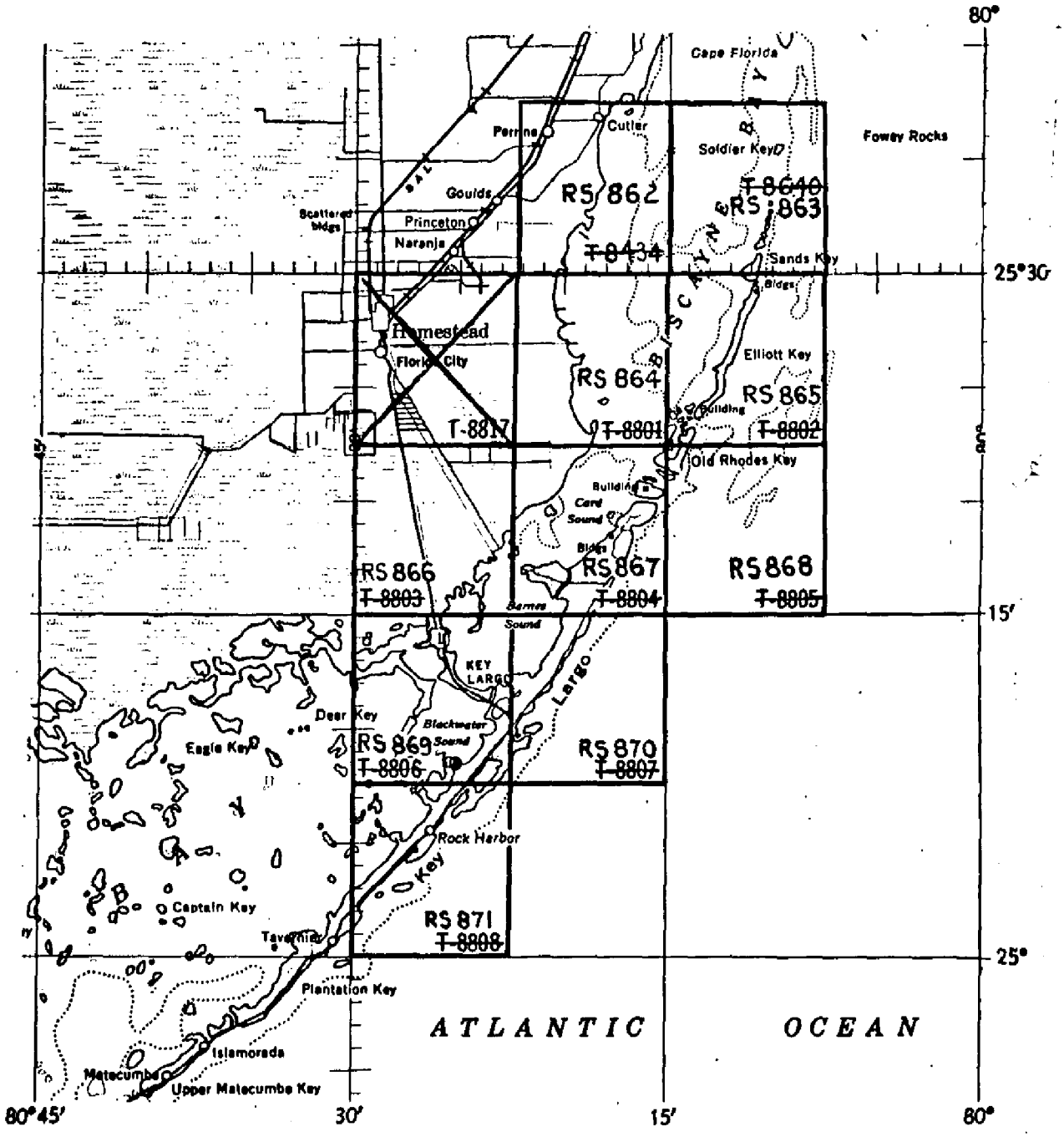
R. Sugden

PROJECT 6408
(RS SHEETS)

(95)

TOPOGRAPHIC MAPPING PROJECT ~~PH-10048~~

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

(3-25-63) NAUTICAL CHART DIVISION

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	REMARKS
859	1/12/70	52060	~~Full~~ ~~Part~~ ~~Before~~ After ~~Verification~~ Review Inspection Signed Via Drawing No.
853	1/26/70	J. McMillan	PART ~~Full Part Before~~ After Verification Review Inspection Signed Via Drawing No. 9 Common AREA MODS TO Agree, Except WEST OF Longitude 81°27'00"
141-SC	9-11-69	F. Powers Review - Kennum	~~Full~~ Part Before ~~After~~ Verification ~~Review~~ Inspection Signed Via Drawing No. T-12626, T-12627, T-12628, T-12632 AFTER 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. Reapplied T-12626 thru T-12634
1250	5/6/70	Knoll/USC&GS	~~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 thru 598SC
1249	7-24-70	Eric Ney	~~Full~~ Part ~~Before~~ After Verification Review Inspection Signed Via Drawing No. Revised shoreline of Keys via chts 849 850 & 141 SC
859	8-31-71	R. A. Lillis	Full ~~Part Before~~ After Verification Review Inspection Signed Via Drawing No. 8 T-12628 and T-12633
11442 (1251)	2/28/75	RNalto	Full ~~Part Before~~ After ~~Verification~~ Review Inspection Signed Via Drawing No. T-12629, 12630, 12633, 12634 Considered adequately applied. Partially superseded by TP-00460-462, 468-470, 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

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975. USCOMM-DC 8558-P63