12989

Diag. Cht. No. 1254.

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Chart Topography

Field No. Ph-6605 Office No. T-12989

LOCALITY

State Florida

General locality Horse Key to Rabbit Key

Locality Everglades

NOV 1965 - JULY 1967

CHIEF OF PARTY

W.H.Shearouse, Chief of Party
V.R.Sobieralski, Photo. Office Rockville, Md.

LIBRARY & ARCHIVES

DATE December 1967

COMM-DC 61300

12989

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T - 12989

PROJECT NO. (II): PH-6605	
FIELD OFFICE (II):	CHIEF OF PARTY: W. H. Shearouse
PHOTOGRAMMETRIC OFFICE (III): ESSA Headquarters, Rockville, Maryland	OFFICER-IN-CHARGE: V. Ralph Sobieralski

INSTRUCTIONS DATED (II) (III):

Field: February 8, 1965 and July 30, 1965
Aerotriangulation: May 12, 1966
Photogrammetric Office: May 31, 1966, June 13, 1966 and December 8, 1966

METHOD OF COMPILATION (III): B-8 Stereoplotter and Graphic

MANUSCRIPT SCALE (III): 1:40,000	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:30,000
DATE RECEIVED IN WASHINGTON OFFICE (IV):	DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV):

GEOGRAPHIC DATUM (III): N.A. 1927	VERTICAL DATUM (III): MEAN SEA LEVEL EXCEPT AS FOLLOWS: *Elevations shown as (25) refer to mean high water* *Elevations shown as (5) refer to sounding datum i.e., mean low water or mean lower low water*

REFERENCE STATION (III): DISMAL, 1928

LAT.: 25°53'33.032"	LONG.: 81°33'33.103"	☐ ADJUSTED ☐ UNADJUSTED

PLANE COORDINATES (IV):		STATE	ZONE
=566,989.54	x = 316,160.23	Florida	East Zone

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.

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 (premarked control)	DATE: 11/3/65
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): March 1967, Mean-high-water line located photogrammetrically using B-8 stereoplotter DATE OF PHOTOGRAPHY – NOVEMBER 1965	
PROJECTION AND GRIDS RULED BY (IV): R. A. Lillis	DATE May 1966
PROJECTION AND GRIDS CHECKED BY (IV): R. K. DeLawder	DATE June 1, 1966
CONTROL PLOTTED BY (III): J. H. Taylor	DATE February 1967
CONTROL CHECKED BY (III): J. A. Mooney	DATE February 1967
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): I. I. Saperstein	DATE Feb 15 1967
STEREOSCOPIC INSTRUMENT COMPILATION (III): J. A. Mooney, J. C. Richter, J. B. Phillips — PLANIMETRY	DATE February - March 1967
CONTOURS ---	DATE ---
MANUSCRIPT DELINEATED BY (III): H. Lucas	DATE March - April 1967
SCRIBING BY (III):	DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): J. P. Battley, Jr.	DATE September 1967

REMARKS:

Field Edit by:
W. H. Shearouse July 1967

USCOMM-DC 16276B-P61

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

(L) RC-8 (infrared and color) and (M) RC-9 (color)

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
65-M(C)-968-973	11/21/65	9:18	1:60,000	Everglades .2' Round Key 2.2'
65-M(C)-1027-1033	11/21/65	10:31	1:60,000	Everglades .5'
65-M(C)-994-999	11/21/65	10:59	1:60,000	Indian Key 4.3' Pumpkin Bay 1.16'
65-L-9297-9306	11/21/65	12:40	1:33,000	Indian Key 5.1' Round Key 5.1'
65-L-9375-9387	11/21/65	13:35	1:33,000	Indian Key 4.9' Pumpkin Bay 3.26'
65-L-9337-9347	11/21/65	13:13	1:33,000	Round Key 5.0' Everglades 2.3'
65-L-9392-9402	11/21/65	13:57	1:33,000	Everglades 2.4'
65-L(C)-9238-9255	11/20/65	---	1:20,000	not used for shoreline delineation

TIDE (III)

		RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION:	ST. MARKS KEY WEST (Computations based on actual readings at the Ref. Sta.)		2.4 1.3	diur. 3.3 1.6
SUBORDINATE STATION:				
SUBORDINATE STATION:				

WASHINGTON OFFICE REVIEW BY (IV):		DATE:	
PROOF EDIT BY (IV):		DATE:	
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): *25	RECOVERED: 18	IDENTIFIED: 16 (premarked)	
NUMBER OF BM(S) SEARCHED FOR (II):	RECOVERED:	IDENTIFIED	

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): None

REMARKS:

*denotes control located for entire project, including surveys T-12986, T-12988, T-12989 and T-12990

SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT
T-12986, T-12988, T-12989 and T-12990
Job PH-6605
September 1967

This project is comprised of four maps, compiled to provide the base for new Chart 642-SC. Chart 642-SC will be published at 1:40,000 scale and covers the coastline of the Gulf of Mexico and bordering inland waterways from Naples to Lostmans River, Florida. The area is currently covered by 1:80,000 scale Conventional Charts 1253 and 1254.

Field inspection was accomplished during October 1965 and was limited to the premarking of horizontal control prior to flying the bridging photography.

The area of these surveys was flown November 20 and 21, 1965.

As a result of higher priority projects, completion of bridging for this project was delayed until January-February 1967. Five strips of 1:60,000 scale color photographs were bridged by analytic aerotriangulation methods.

The manuscripts were compiled in the Washington office using the photogrammetric instructions for compiling topography to chart scale. Compilation was achieved on the B-8 stereoplotter utilizing 1:60,000 scale color photography and 1:40,000 scale infrared photography. Color prints at 1:20,000 scale were also available to office identify aids and landmarks, but the majority of the aids to navigation had to be located by field methods during field edit.

Field edit was accomplished in June-July 1967. It encompassed the verification of compiled features, the location and/or verification of all aids to navigation and landmarks and a geographic names investigation.

Application of field edit corrections and additions, including a plethora of daybeacons and lights, was completed by the Washington compilation office in August 1967. Nineteen pages of Forms 567 were listed, scaled and submitted to the Marine Chart Division for the positioning of landmarks and aids to navigation.

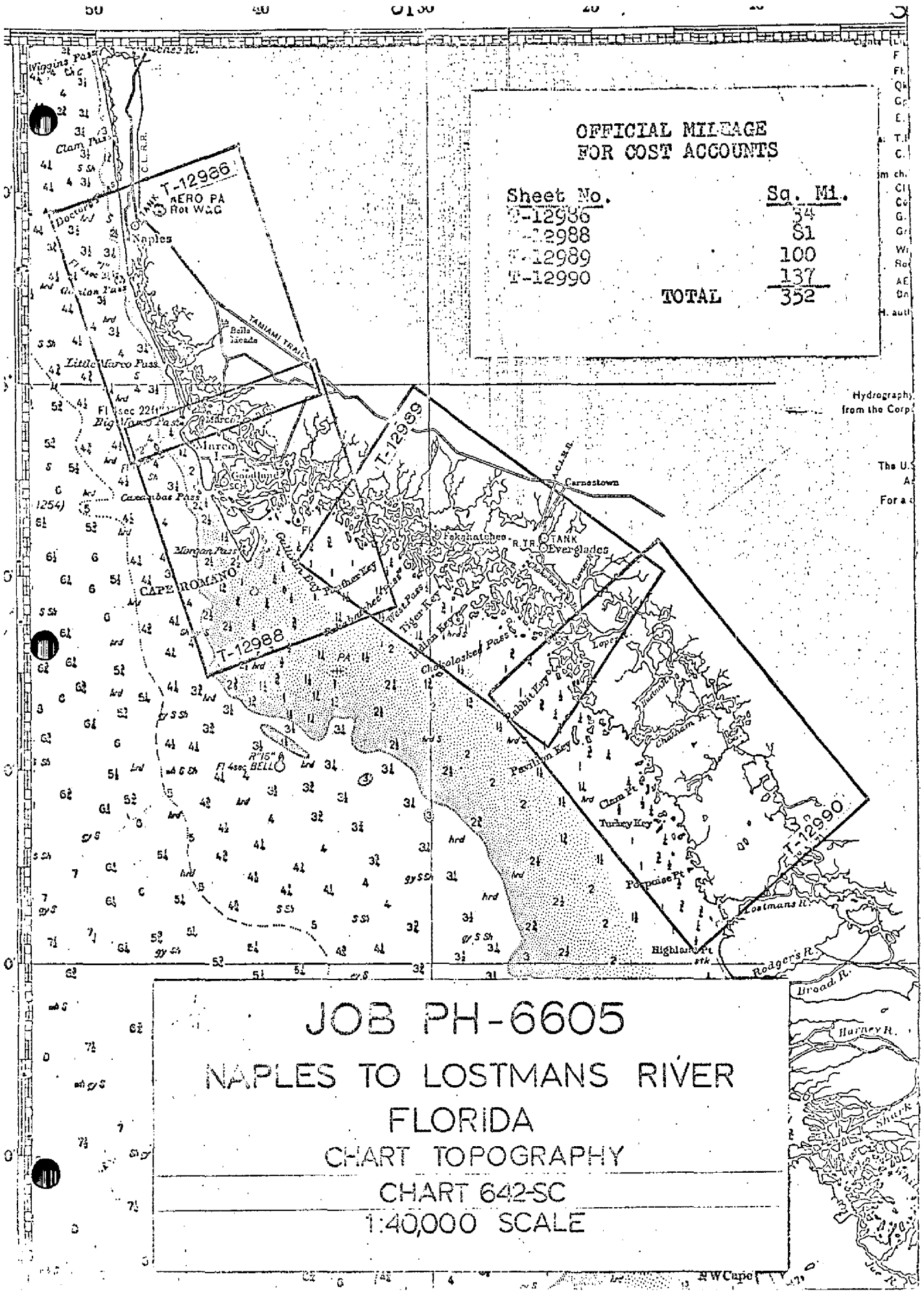
A "Chart Division Manuscript Copy" of each manuscript was supplied the Marine Chart Division prior to the application of geographic names.

A "Registration Manuscript Copy" will be registered in the Bureau Archives under their respective T-numbers. Ozalid copies of these were also sent to the Marine Chart Division.

Submitted by:

Jeter P. Battley, Jr.

Jeter P. Battley, Jr.



JOB PH-6605

NAPLES TO LOSTMANS RIVER

FLORIDA

CHART TOPOGRAPHY

CHART 642-SC

1:40,000 SCALE

Field Report

JOB PM-6605

Lostmans River to Naples, Florida
(Chart 642-SC)

In accordance with Instructions dated July 30, 1965, required stations have been premarked during the period October 4 through 29, 1965. Through courtesy extended by the Rangers of the Everglades National Park, headquarters were maintained at their boat basin at Everglades City, throughout the job.

1. METHODS

Unbleached muslin was used for all stations as the white polyethylene plastic sheeting could not be obtained in the Miami area, nor could the VisQueen factory in Flemington, N. J. furnish it in the desired thickness. Targets were made with a triangle 12 feet on the side, for the stations. A triangular frame was constructed of 1"x 4"x 12' boards and centered over the station mark, covered with precut cloth, and staked to the ground. 13 stations were thus marked; 3 were premarked by the substitute station method. (There is one exception to centering the triangle over the station mark: Private survey station GT 128, COLLIER PROPERTIES, 1962 was premarked with station mark at apex of triangle. It is so shown on the CSI card.) All wing panels are the 25-foot runner type, the signal cloth being 36/38 inches wide. Target 1-in the examples furnished with Job Instructions--was used in all but three instances, the variations being clearly shown in the sketches on Form 152Is.

Station JOHNSON, 1887, is located under the steps leading to an observation tower. The southeast corner of the tower was located as a substitute station. The tower is 17 feet high, 18 feet square and is gray with a white guard rail around its top. It should show well on the photographs.

Station ONION, 1928, was double-premarked. That is, a triangle was centered over the station and one placed some

50 feet to the west, angle and distance being recorded to the west, or substitute one. Onion Key, on which the station is located, is an Indian mound and the Park Service Authorities requested that we not cut anymore vegetation than necessary. In order to eliminate possibility of shadow interference, the foregoing plan was used.

2. HISTORY

Stations originally called for to be premarked were BROAD, FIG, ONION, SEMINOLE, PAVILION KEY, LOPEZ, EVERGLADES, GOMEZ, ROYAL PALM, CAPE ROMANO, SOUTH BASE, MEADE, and NAPLES. Of these, GOMEZ, CAPE ROMANO and SOUTH BASE are destroyed. The others have been premarked. Subsequent oral instructions said to premark FANKA and BEACH. BEACH is destroyed; FANKA was premarked.

Several of the stations are in heavily wooded areas. No suitable nearby place was available for a substitute station, so the trees were cleared at the station site. Special attention was paid to shadow problems and it is believed these have been overcome, especially if the photos are taken between 9 AM and 3/3:30 PM.

During the course of work, it was discovered that Johnson-Hall & Associates, Inc., Land Surveyors and Civil Engineers, of Fort Myers, Florida, had established second order Geodimeter traverse control in the Cape Romano-Marco Island area, which traverse originated and ended on Coast and Geodetic Survey stations. In lieu of destroyed stations CAPE ROMANO and SOUTH BASE, three of these stations were premarked. They are GT 128, COLLIER PROPERTIES, 1962, GT 129, COLLIER PROPERTIES, 1962, and REFERENCE MONUMENT NO. 4, COLLIER PROPERTIES, 1965. Information on these stations and other parts of the Johnson-Hall work, is being forwarded with Job data. Their work appears to have been carefully and accurately done. Should the stations submitted, prove accurate for our purposes it would be well to keep in mind, as they have established similar control north and south of Fort Myers along the coastline for a considerable distance, I am informed.

While recovering station JOHNSON, 1887, a nearby station—COLLIER ERDL, 1960—was found. No information was furnished for this C&GS station nor does it appear on the triangulation diagram. Florida Vol. II, INDEX HORIZONTAL CONTROL DATA, was

not furnished , in which the station is described. COLLIER, 1960, is being used by an oil exploration company as a LORAC station site. They have a 145 foot radio antenna erected on it. This station is located in a white sand area and while it was not called for in the instructions, as an experiment, it was premarked with orange-colored signal cloth. It is located about 260 feet south of JOHNSON, 1887.

3. SUMMARY

Coast & Geodetic Survey stations searched for: 22
Recovered: 15
Premarked: 13
Lost or destroyed: 7.
Private survey stations premarked: 3.

Respectfully submitted,
11/3/65.
William H. Shearouse
William H. Shearouse,
Chief, Photo Party 751

PHOTOGRAMMETRIC PLOT REPORT
JOB PH-6605
NAPLES TO LOSTMANS RIVER, FLORIDA

February 15, 1967

21. Area Covered

This report covers an area from Naples to Lostmans River, Florida, consisting of three (3) 1:40,000 scale T-sheets -- T-12986 N and S. T-12989 and T-12990 N and S.

22. Method

Analytic aerotriangulation methods were used to bridge five strips of 1:60,000 color "M" photography. Control was not furnished for the southeast terminals of Strips 3 and 4; Strip 4, therefore, was tied to Strip 1 and Strip 3 was tied to Strip 4 by common passpoints built up from Strip 1.

The attached sketch shows the strips bridged and the placement of triangulation furnished that was used in the final adjustment.

Mercator coordinate values have been furnished for all bridge points on the IBM readout.

23. Adequacy of Control

Most horizontal control was premarked with white panels; although, several control stations were identified by the substitute station method.

Premarked station BROAD 1928 could not be seen on the photographs. Station FIG 1887 was therefore used as a terminal for Strip 2.

A memorandum from Mr. Richard Stokes, The District Ranger, Everglades National Park, indicates the possibility that the target at ONION 1928 had been disturbed prior to photography. This station was used as the terminal on Strip 1. The substation for ONION was not used in the adjustment but was merely a "floater" and held very well. However, common tie points between Strips 1 and 2 in the vicinity of ONION did not agree by about 25 feet. This discrepancy could not be resolved without field investigation. Nonetheless, it is believed that the bridge is adequate for 1:40,000 scale chart compilation.

The control used in the final adjustment is adequate. Closures to control have been tabulated and are part of this report.

The high-water line or marsh was used for vertical control needed for the adjustment.

25. Photography

The definition and quality of the color diapositives were very poor as these photographs were taken under adverse conditions.

Respectfully submitted:

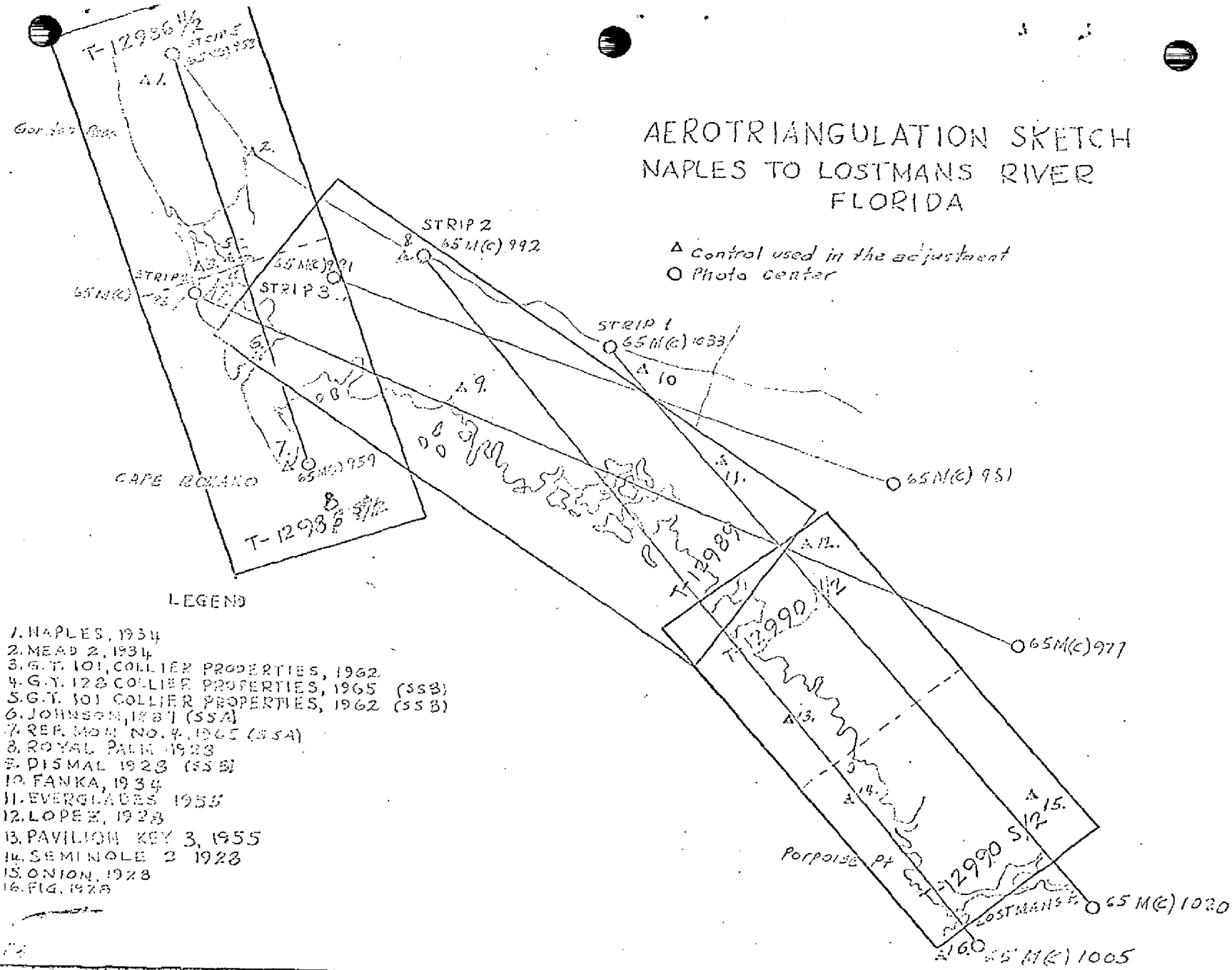
Irving I. Saperstein

Approved and Forwarded:

Henry P. Eichert

AEROTRIANGULATION SKETCH
NAPLES TO LOSTMANS RIVER
FLORIDA

△ Control used in the adjustment
○ Photo center



LEGEND

1. NAPLES, 1934
2. MEAD 2, 1934
3. G.T. 101, COLLIER PROPERTIES, 1962
4. G.T. 128 COLLIER PROPERTIES, 1965 (SSB)
5. G.T. 101 COLLIER PROPERTIES, 1962 (SSB)
6. JOHNSON, 1987 (SSA)
7. REF. MON NO. 4, 1965 (SSA)
8. ROYAL PALM 1928
9. DISMAL 1928 (SSB)
10. FANKA, 1934
11. EVERGLADES 1955
12. LOPEZ, 1928
13. PAVILION KEY 3, 1955
14. SEMINOLE 2 1928
15. ONION, 1928
16. FIG, 1928

COMPILATION REPORT
T-12989

31. Delineation

Both graphic and instrument methods were used to compile the manuscript. Color plates at a scale of 1:60,000 were set on the B-8 stereoplotter. The manuscript was then partially compiled at the required 1:40,000 scale. Using this partial compilation for control, the manuscript was completed graphically using infrared photography ratioed to the manuscript scale.

32. Control

Identification, density and placement of control were adequate.

33. Supplemental Data

None

34. Contours and Drainage

Contours - inapplicable; Drainage - all drainage has been shown.

35. Shoreline and Alongshore Details

Shoreline was office interpretated using infrared photography. No field inspection was available. The quality of the 1:60,000 color photography was so poor that no shoal or channel lines could be identified.

36. Offshore Details

37. Landmarks and Aids

Forms 567 are submitted for 2 landmarks and 52 aids which fall in the area of this survey. These aids to navigation were not visible on the photography and will be located by field methods during field edit.

38. Control for Future Surveys

None

39. Junctions

Junction has been made and is in agreement with T-12988 to the north and T-12990 to the south. There is no contemporary survey to the east and to the west is an all water area.

40. Horizontal and Vertical Accuracy

No comment

41. - 45.

46. Comparison with Existing Maps

Comparison has been made with C&GS Surveys T-4430 and T-4431, scale 1:20,000, dated February 21, 1927, and Hydrographic Surveys H-5065, H-5049 and H-5049a.

47. Comparison with Nautical Charts

Comparison has been made with Nautical Chart No. 1254 (Chatham River to Clam Pass) scale 1:80,000, 5th Edition, dated April 26, 1965.

Submitted by:

Jacqueline B. Phillips

J. B. Phillips Jr.

Approved by:

K. N. Maki

K. N. Maki

FIELD EDIT REPORT, JOB PH-6605 (Chart 642-SC)

MAPS T-12986, T-12988, T-12989, T-12990

In accordance with Field Edit Instructions dated May 5, 1967, reference 01413.

51. METHODS

All major rivers, creeks and passages were ridden out to verify delineation of shoreline, existence of small keys and islets, and for addition of low-water and shoal features where practical.

Areas of Maps T-12990 and T-989 lying within the Everglades National Park were gone over with the District Park Ranger for his comment and suggestions.

Many aids to navigation could not be positively identified on the photographs. These and other chartable features such as piles and stakes, were located by sextant fix or theodolite cuts. Objects for the fixes and points occupied for cuts, were identifiable images pricked on the 1:40,000 scale ratio infrared photographs. These were numbered 90-A, B, etc., 89-A, B, etc., 88-A, B, etc., and 86-1, 2, etc., to denote what map the photo point is in. A short description will be found on the photographs or in the sketchbook. Fixes are recorded in 2 sketchbooks, numbered 1 and 2.

Due to the nearness of the photo points to most of the daybeacons--caused by narrow streams in which the aids are located--practically all the fixes had to be plotted on pages of paper, which were oriented under the cronaflex print of the map manuscript, thus determining the position of the aid. The point was then pricked and labelled. These pages of graphic fixes are submitted.

In some areas the image of the daybeacons could be seen on

the 1:20,000 scale transparencies. These were marked direct and cross-reference made on the Field Edit Sheet or cronaflex.

A number of aids to navigation were office identified, positions scaled and Form 567 made. Identification of a few of these was incorrect. (See the Cronaflex for correct position.) All others were visually verified, dates being noted on Form 567.

No positions were scaled in the field. However, Form 567 is submitted, accounting for all nonfloating aids to navigation (and Landmarks).

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

Violet ink was used for field edit notes.

In addition to the Field Edit Sheet and Cronaflex for each map, field edit information will be found for Map T-12990 on photographs: 65M(c)1000 thru 1005, 1022, 1023, 1024, 1026; and ratioed infrared 65L9367R, 9368R, 9372R, 9373R, 9374R, 9404R, and 9411R.

For T-12989: 65M(c)968 thru 972, 986, 1028; ratioed infrared 65L9339R, 9345R, 9346R, 9377R, 9398R, 9399R; and certain ones of the 1:20,000 scale color transparencies 9238 thru 9255.

For T-12988 and T-12986: 1:20,000 color transparencies 65L9198 thru 9202, 9207 thru 9215, 9221, 9225, 9231, 9233, 9235, 9236, 9237; and, ratioed infrared 65L9264R, 9268R, 9269R, 9270R, 9276R, 9278R, 9279R thru 9282R, 9285R, 9293R, 9294R, 9295R, 9328R, 9335R, and 9337R.

52. ADEQUACY OF COMPILATION

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

53. MAP ACCURACY

No tests were specified.

54. RECOMMENDATIONS

None offered.

~~page 3~~

55. EXAMINATION OF PROOF COPY

Not required.

GEOGRAPHIC NAMES

This is the subject of a special report.

Submitted 7/10/67

William H. Shearouse

William H. Shearouse
Chief, Photo Party 60

REVIEW REPORT T-12989 (Chart 642-SC)
Chart Compilation
September 1967

61. General Statement

(see Summary)

62. Comparison with Registered Topographic Surveys

Comparison was made with surveys T-4430 and T-4431, scale 1:20,000, dated February 21, 1927. These surveys are superseded, in their common area, by new survey T-12989.

63. Comparison with Maps of Other Agencies

None - there are no USGS quadrangles in the area of T-12989.

64. Comparison with ~~Contemporary~~ Prior Hydrographic Surveys

Comparison was made with surveys H-5065, H-5049, scale 1:20,000 and H-5049a, scale 1:10,000, dated 1930.

65. Comparison with Nautical Charts

Comparison was made with chart 1254 (Chatham River to Clam Pass), scale 1:80,000, 5th Edition, dated April 26, 1965. All differences noted on the discrepancy print between the published chart and the new survey were resolved during field edit. A copy of T-12989 with field edit corrections and additions applied was furnished to the Small Craft Chart Branch prior to review. No changes of consequence to nautical charting were made during review.

66. Adequacy of Results and Future Surveys

The four maps of this project comply with the project instructions and are within the National Standards of Map Accuracy.

Reviewed by:

Peter P. Battley, Jr.

Approved by:

Chief, Photogrammetric Branch

J. Ralph Sobieralski
Chief, Photogrammetry Div.
11-27-67

John C. Boyer
Chief, Marine Chart Div.

August 30, 1967

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6605 (Lostmans River, Fla.)
T-12989

Barnes Creek

Bear Island

Camp Lulu Key

Chokoloskee

Chokoloskee Bay

Chokoloskee Pass

Comer Key

Crate Key

Crooked Creek

Cross Bay

Demijohn Key

East River

Everglades City (Changed from Everglades)

Everglades National Park

Fahka Union River

Fakahatchee

Fakahatchee Bay

Fakahatchee Pass

Fakahatchee River

Ferguson Bay

Ferguson River

Four Brothers Key

Gaskin Bay

Gomez Point

Gullivan Bay

Halfway Creek

Hurdles Creek (two "d's)

Indian Key

Indian Key Pass

Jack Daniels Key

Jenkins Key

Jewel Key

Joe Kemp Key

Lane Cove

Left Hand Turner River

Lopez River

Lumber Key

Mud Bay

Panther Key

Picnic Key

Pumpkin Bay

Pumpkin River

Rabbit Key

Rabbit Key Grasses

Rabbit Key Pass

Rock Hole Key

Round Key

Santina Bay

Stop Keys

Ten Thousand Islands

Tide Creek

Tiger Key

Turner River

Turtle Key

West Pass

White Horse Key (Changed from Horse Key)

Wood River

Approved by:

A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician

T-12989

Supplemental Name List

Barron River

Dismal Key

Dupont

Fahka Union Bay

Gate Bay

Hells Half Acre

Hurddles Creek

Little Pavilion Key

Little Wood River

Remuda Ranch Grants

Russell Bay

Russell Key

Russell Pass

Sandfly Pass

West Pass Bay

Approved by:

A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician

Form 567
(4-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

19 —

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

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

Naples, Florida. June 26, 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 J. C. Richter

Privately maintained by National Park Service.

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
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM						
								12.959 Photo-88					
V	Sw Channel Markers								1967		X		1254
Marker 1	Channel Marker		25 51	05.438 / 167.3	81 23	39.499 / 1072.0	NA 1927	"	"		X		"
" 2	"		25 51	05.048 / 155.3	81 23	39.217 / 1092.0	"	"	"		X		"
" 4	"		25 50	54.402 / 1674.1	81 23	32.330 / 900.3	"	"	"		X		"
" 5	"		25 50	46.352 / 1426.4	81 23	26.447 / 736.5	"	"	"		X		"
" 6	50		25 50	40.120 / 1234.6	81 23	23.147 / 644.6	"	"	"		X		"
" 7	51		25 50	40.379 / 1242.6	81 23	22.430 / 624.6	"	"	"		X		"
	NE/SW Channel Markers							"	"				
Marker 1	52 Channel Marker		25 49	46.233 / 1422.7	81 23	32.186 / 896.4	"	"	"		X		"
" 2	53		25 49	45.844 / 1410.7	81 23	31.756 / 884.4	"	"	"		X		"
" 3	54		25 50	00.907 / 27.9	81 23	27.021 / 752.5	"	"	"		X		"
" 4	55		25 50	14.930 / 459.4	81 23	21.425 / 596.7	"	"	"		X		"
" 5	56		25 50	30.122 / 926.9	81 23	16.691 / 464.8	"	"	"		X		"
" 6	57		25 50	29.602 / 910.9	81 23	16.404 / 456.8	"	"	"		X		"

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

* TABULATE SECONDS AND METERS

USCOMM-DC 25412-P61

70

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

Everglades City, Fla. May, 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
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
	INDIAN KEY PASS												
Light 1	" " "		25 48.0	00.389 12.0	81 28.0	06.511 181.4	N.A. 1927	Photo Plot T-12989	5/16/67		x		1254
Daybn3	" " "		25 48.0	19.611 603.5	81 27.0	54.459 1517.0	"	"	"		x		"
Light4	" " "		25 48.0	37.665 1159.0	81 27.0	41.260 1149.3	"	"	"		x		"
Daybn6	" " "		25 49.0	27.014 831.3	81 26.0	37.270 1038.1	"	"	"		x		"
Light7	" " "		25 49.0	38.961 1198.9	81 26.0	25.074 698.3	"	"	"		x		"
Daybn9	" " "		25 49.0	38.572 1187.0	81 26.0	03.840 106.9	"	"	"		x		"
" 10	" " "		25 49.0	35.585 1095.0	81 25.0	50.927 1418.4	"	"	"		x		"
" 11	" " "		25 49.0	38.052 1171.0	81 25.0	43.466 1210.6	"	"	"		x		"
Light12	" " "		25 49.0	36.883 1135.0	81 25.0	39.162 1090.7	"	"	"		x		"
Daybn13	" " "		25 49.0	41.039 1262.9	81 25.0	37.440 1042.8	"	"	"		x		"
" 14	" " "		25 49.0	52.336 1610.5	81 25.0	29.693 827.0	"	"	"		x		"
Light15	" " "		25 49.0	56.752 1746.4	81 25.0	27.684 771.0	"	"	"		x		"
Daybn16	" " "		25 49.0	~~58.699~~ ~~1806.3~~	81 25.0	19.219 535.3	"	"	"		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 16234-P61

06126

Daybn was compiled in error 58.147
Latitude should be 25° 49′ 1786.4

Long. is correct

10-27-68

21

C&GS FORM 567 (11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

Everglades City, Fla. May 19 67

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
	INDIAN	KEY	PASS												
Daybn17	"	"	"		25 50.0	02.335 71.9	81 25.0	06.880 191.6	N.A. 1927	Photo Plot T-12989	5/16/67		X		1254
" 13	"	"	"		25 50.0	01.297 39.9	81 25.0	06.449 179.6	"	"	"		X		"
" 20	"	"	"		25 50.0	05.711 175.7	81 24.0	51.959 1447.0	"	"	"		X		"
" 21	"	"	"		25 50.0	07.789 239.7	81 24.0	48.228 1343.1	"	"	"		X		"
Light22	"	"	"		25 50.0	09.736 299.6	81 24.0	38.749 1079.4	"	"	"		X		"
	CHOKOLOSKEE	BAY	CHANNEL												
Daybn24	"	"	"		25 50.0	16.748 515.4	81 24.0	31.154 867.6	"	"	"		X		"
" 25	"	"	"		25 50.0	26.226 807.0	81 24.0	22.403 623.9	"	"	"		X		"
" 26	"	"	"		25 50.0	25.577 787.1	81 24.0	21.542 599.9	"	"	"		X		"
" 27	"	"	"		25 50.0	41.548 1278.5	81 24.0	05.903 164.4	"	"	"		X		"
Light28	"	"	"		25 50.0	40.898 1258.5	81 24.0	05.329 148.4	"	"	"		X		"
Daybn29	"	"	"		25 50.0	57.518 1770.0	81 23.0	48.829 1359.7	"	"	"		X		"
" 30	"	"	"		25 50.0	56.869 1750.0	81 23.0	47.968 1335.7	"	"	"		X		"

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* TABULATE SECONDS AND METERS

USCOMM-DC 16234-P61

22

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

Everglades City, Fla. May, 19 67

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
	CHOKOLOSKEE	BAY BAR	CHANNEL												
Daybn32	"	"	"		25 51.0	09.073 / 279.2	81 23.0	35.056 / 976.2	N.A. 1927	Photo Plot T-12989	5/16/67		x		1254
	BARRON	RIVER	CHANNEL												
Light33	"	"	"		25 51.0	12.318 / 379.1	81 23.0	32.760 / 912.2	"	"	"		x		"
Daybn34	"	"	"		25 51.0	10.241 / 315.1	81 23.0	28.456 / 792.4	"	"	"		x		"
" 35	"	"	"		25 51.0	10.241 / 315.1	81 23.0	23.004 / 640.6	"	"	"		x		"
" 37	"	"	"		25 51.0	11.669 / 359.1	81 23.0	20.554 / 572.6	"	"	"		x		"
" 39	"	"	"		25 51.0	14.396 / 443.0	81 23.0	19.847 / 552.6	"	"	"		x		"
" 41	"	"	"		25 51.0	22.314 / 686.7	81 23.0	21.139 / 588.6	"	"	"		x		"
" 42	"	"	"		25 51.0	25.300 / 778.5	81 23.0	20.278 / 564.6	"	"	"		x		"
" 44	"	"	"		25 51.0	31.922 / 982.3	81 23.0	15.543 / 432.8	"	"	"		x		"
" 46	"	"	"		25 51.0	45.033 / 1385.8	81 23.0	14.539 / 404.8	"	"	"		x		"
" 47	"	"	"		25 51.0	48.279 / 1485.7	81 23.0	19.704 / 548.6	"	"	"		x		"
" 48	"	"	"		25 51.0	51.525 / 1585.6	81 23.0	18.700 / 520.7	"	"	"		x		"

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* TABULATE SECONDS AND DECIMALS

USCOMM-DC 16234-P61

23

C&GS FORM 567 (11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

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

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Everglades City, Fla. May, 19 67

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

William H. Stoermer, 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
	BARRON RIVER CHANNEL												
Dayton 50	" " "		25 51.0	53.602 1649.5	81 23.0	17.265 480.7	N.A. 1927	Photo #19 T-12989	5/16/67		X		1254
" 51	" " "		25 51.0	53.342 1641.5	81 23.0	20.421 568.6	"	"	"		X		"
" 52	" " "		25 51.0	53.861 1657.4	81 23.0	16.117 448.7	"	"	"		X		"
" 53	" " "		25 51.0	59.254 1817.2	81 23.0	09.086 253.0	"	"	"		X		"
" 55	" " "		25 52.0	00.742 [illegible]	81 23.0	07.939 221.0	"	"	"		X		"
" 57	" " "		25 52.0	05.805 178.6	81 23.0	07.939 221.0	"	"	"		X		"

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* TABULATE SECONDS AND METERS

USCOMM-DC 15234-P61

C&GS FORM 587
(11-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

Everglades City, Fla. May 19 67

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
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
TANK	Elevated, silver ~~ht= 139 (141)~~ △EVERGLADES, MUNICIPAL W.T., 1961		25	51	~~55.419~~ 1705.4	81	23	~~07.365~~ 295.1	N.A. 1927	△* T-12989	5/23/67		x		1254
MICROWAVE TOWER	Skeleton steel, Orange & White ht= 209 (211)		25	51	31.27 962.3	81	23	04.2 11.65	"	Photo Plot T-12989	"		x		~~1254~~
OBS. TOWER	wood, skeleton ht= 72(77)		25	54	30.941 952.1	81	43	43.316 1205.6	"	" T-12988	6/22/67		x		1254
PENTHOUSE	atop apartment house ht= 97(102)		25	56	26.879 827.1	81	44	11.487 319.6	"	T-12988	6/22/67		x		1254
MICROWAVE TOWER	skeleton steel, orange & white ht= 140(145)		25	56	52.870 1627.0	81	43	17.302 481.4	"	T-12988	6/14/67		x		1254
TV TOWER	skeleton steel, orange & white ht=531(534)		26	03	11.004 338.6	81	42	11.452 318.3	"	T-12986	7/6/67		x		1254
TANK	ELEVATED, silver ht=144(148)		26	08	19.770 608.4	81	47	43.798 1216.6	"	Triang. T-12986	" 7/6/67		x		1254
AERO BEACON	Rotating W & G light atop skeleton steel structure ht = 60(66)		26	09	05.9 181.6	81	46	11.23 312.0	"	T-12986 Photo	8/8/67		x		1254

* G.P. not available in field. This position copied from W.O. scaled position.

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* TABULATE SECONDS AND METERS

USCOMM-DC 16234-P61

FORM C&GS-8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-12989

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
1254	9-30-68	[illegible]	Full Part ~~Before~~ After Verification Review Inspection Signed Via
			Drawing No.
6425	7-68	[illegible]	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
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			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.

USCOMM-DC 8558-P63