

12988

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-12988

LOCALITY

State Florida
General locality Caxambas Pass to
Fakahatchee Pass
Locality Cape Romano

NOV 19 65-JULY 1967

CHIEF OF PARTY

W.H. Shearouse, Chief of Party
V.R. Soberalski, Photo. Office Rock-
ville, Md.

LIBRARY & ARCHIVES

DATE December 1967

COMM-DC 61300

12988

DESCRIPTIVE REPORT - DATA RECORD

T - 12988

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):

JOHNSON, 1887

LAT.:

25°54'45.443"

LONG.:

81°41'40.466"

☐ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

= 574,512.74

x = 271,690.96

STATE

Florida

ZONE

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.

DESCRIPTIVE REPORT - DATA RECORD

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

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-L-9274-9280	11/21/65	12:20	1:33,000	4.30
65-L-9267-9272	11/21/65	12:16	1:33,000	4.10
65-L-9332-9337	11/21/65	13:09	1:33,000	2.99 (substa. MARCO)
65-L-9292-9299	11/21/65	13:57	1:33,000	4.10
65-L(C)-9229-9237	11/20/65	10:47	1:20,000	not used for shore- line delineation
65-L(C)-9220-9225	11/20/65	10:42	1:20,000	" " " " "
65-L(C)-9217-9219	11/20/65	10:37	1:20,000	" " " " "
65-M(C)-957-960	11/21/65	8:53	1:60,000	1.60
65-M(C)-964-967	11/21/65	9:16	1:60,000	1.60

NOTE: Tide computations based on actual readings at the Ref. Sta.

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: ST. MARKS		2.4	diurnal 3.3
SUBORDINATE STATION: COON KEY	--	2.6	3.5
SUBORDINATE STATION: CAPE ROMANO	--	2.6	3.5

WASHINGTON OFFICE REVIEW BY (IV):

DATE:

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): *25

RECOVERED:
18IDENTIFIED:
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 stereo-plotter 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. Oxalid copies of these were also sent to the Marine Chart Division.

Submitted by:

Jeter P. Battley, Jr.

Jeter P. Battley, Jr.

OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No.

Sq. Mi.

T-12986

34

T-12988

81

T-12989

100

T-12990

137

TOTAL

352

Hydrography
from the Corps

The U.

A.

For a

JOB PH-6605

NAPLES TO LOSTMANS RIVER

FLORIDA

CHART TOPOGRAPHY

CHART 642-SC

1:40,000 SCALE

4

Field Report

JOB PE-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 CT 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. Target¹—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

2.

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 MAPLES. 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, CT 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, 1897, a nearby station--- COLLIER EBDL, 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

3.

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~~ ^{four} (4) 1:40,000 scale T-sheets -- T-12986, ~~N and S.~~ T-12989 and T-12990. ~~N and S.~~
~~T-12988,~~

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

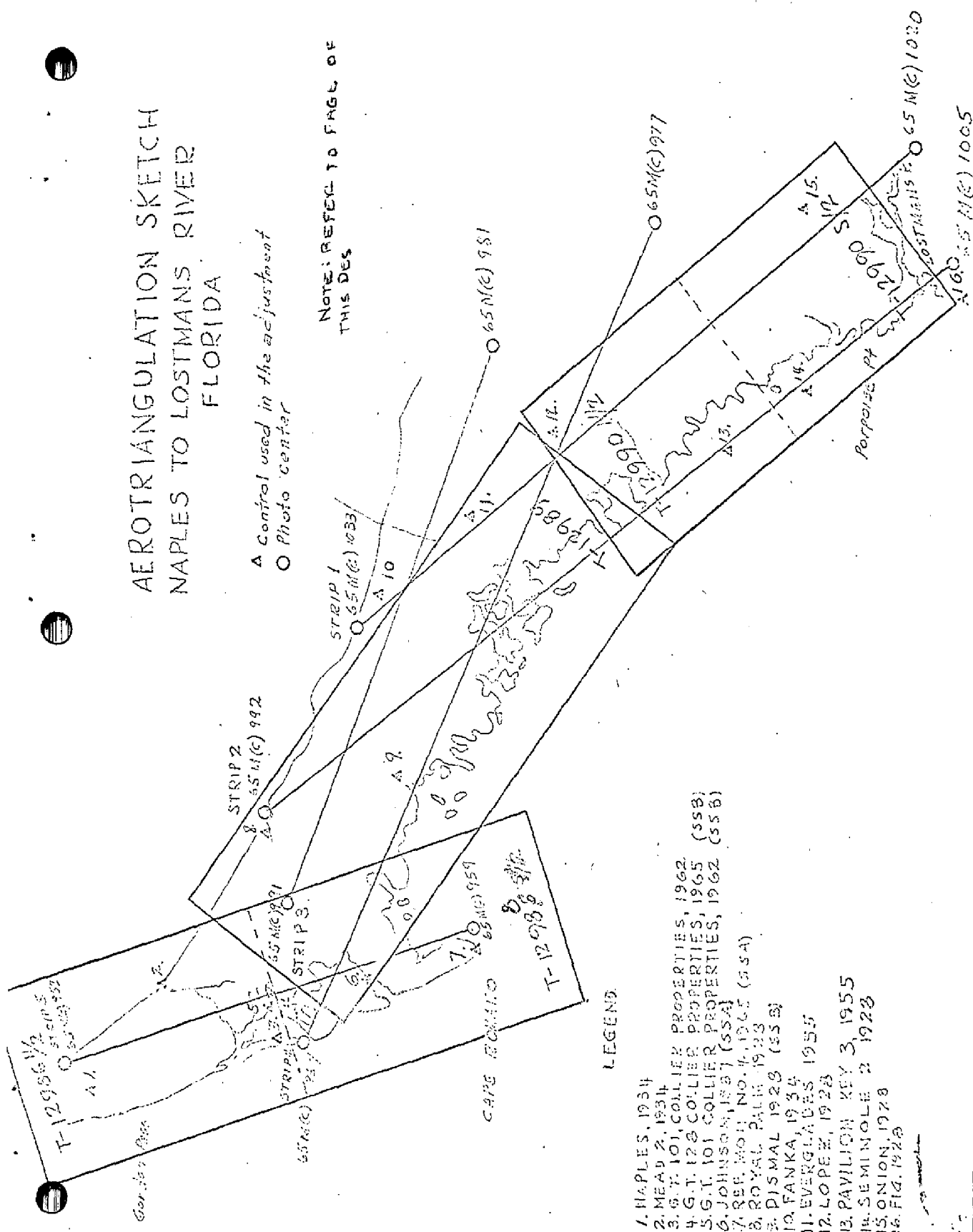
Approved and Forwarded:


Henry P. Eichert

AEROTRIANGULATION SKETCH NAPLES TO LOSTMANS RIVER FLORIDA

△ Control used in the adjustment
○ Photo center

NOTE: REFER TO PAGE OF
THIS DES



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, 1937 (SSA)
7. REE, MO. 4, 1937 (SSA)
8. ROYAL, PALM, 1923
9. DISMAL, 1928 (SSB)
10. FANKA, 1934
11. EVERGLADES, 1955
12. LOPEZ, 1928
13. PAVILION KEY 3, 1955
14. SEMINOLE 2, 1928
15. UNION, 1928
16. FID, 1928

COMPILATION REPORT
T-12988

31. Delineation

Both graphic and instrument methods were used to compile this 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 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 interpreted 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

The structure shown offshore in Caxambas Pass was known as Caxambas Pass Light; however, this light is no longer operating and is not listed in the light list.

37. Landmarks and Aids

No landmarks or aids could be identified on the photography. Forms 567 are submitted for one landmark and 40 aids that fall within the limits of this manuscript and are to be located during field edit.

38. Control for Future Surveys

None

39. Junctions

Junction has been made and is in agreement with T-12986 to the north and T-12989 to the east. To the south and west are all water areas.

40. Horizontal and Vertical Accuracy

No comment

41. - 45.

46. Comparison with Existing Maps

Comparison has been made with C&GS Surveys T-4371 and T-4430, scale 1:20,000, dated February 22, 1967, and Hydrographic Surveys H-5072 and H-5065.

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, April 26, 1965.

Submitted by:

Jacqueline B. Phillips

J. B. Phillips

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 C1413.

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 day-beacons--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.

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-12988 (Chart 642-SC)
Chart Compilation
September 1967

61. General Statement

(see Summary)

62. Comparison with Registered Topographic Surveys

Comparison was made with surveys T-4371 and T-4430, scale 1:20,000, dated February 22, 1927. These surveys are superseded by T-12988 (in their common area) for nautical charting.

63. Comparison with Maps of Other Agencies

None - USGS quadrangle coverage stops at the northern limits of this manuscript.

64. Comparison with ^{Prior} Contemporary Hydrographic Surveys

Comparison was made with surveys H-5072 and H-5065, scale 1:20,000, dated 1930.

65. Comparison with Nautical Charts

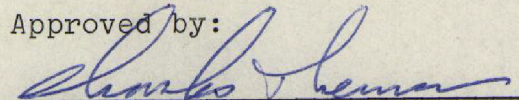
Comparison was made with chart number 1254 (Chatham River to Clam Pass), scale 1:80,000, 5th Edition, dated April 26, 1965. All differences, noted on the discrepancy print between the published chart and the new survey, were resolved during field edit. A copy of manuscript T-12988 with field edit corrections 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.

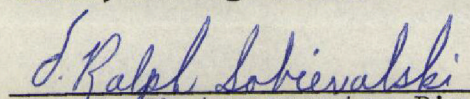
66. Adequacy of Results and Future Surveys

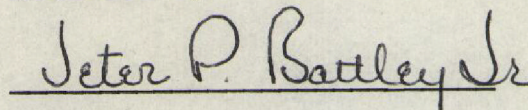
The four maps of this project comply with project instructions and are within the National Standards of Map Accuracy.

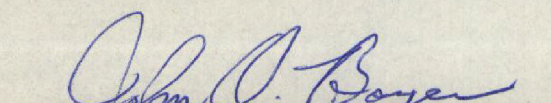
Reviewed by:

Approved by:


Chief, Photogrammetric Branch ^{ADD}


Chief, Photogrammetry Div.
11-27-67




Chief, Marine Chart Div.

August 30, 1967

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6605 (Lostmans River, Fla.)
T-12988

Addison Bay

Barfield Bay

Big Marco Pass

Blackwater River

Buttonwood Bay

Cape Romano

Caxambas Bay

Caxambas Pass

Clam Bay

Collier Bay (Changed from Smokehouse Bay)

Coon Key

Dickman Point

Dismal Key

Dismal Key Pass

Fish Hawk Creek

Fred Key

Goodland


Goodland Bay (Add to Chart 1254)

Grassy Bay

Gullivan Bay

Helen Key
Horr Island
Johnson Bay
Kice Island (Add to Chart 1254)
Little Grassy Bay
Marco
Marco Island
McIlvaine Bay
Morgan Bay
Morgan Pass
Mud Bay
Palm Bay
Pig Key
Roberts Bay
Smokehouse Bay (Move slightly southward)
Sugar Bay (Add to Chart 1254)
Tarpon Bay
Ten Thousand Islands
White House Key (Changed from Horse Key)
Whitney River

Approved by:


A. Joseph Wraight
Chief Geographer

Prepared by:


Frank W. Pickett
Cartographic Technician

T-12988
Supplemental Name List


Blind Pass

Gomez Point

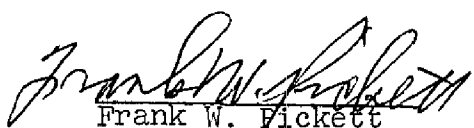
Hog Key

Royal Palm Hammock

Approved by:


A. Joseph Wraight
Chief Geographer

Prepared by:


Frank W. Pickett
Cartographic Technician

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Naples, Fla.

July 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		POSITION										METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE #		LONGITUDE #				DATUM										
			° ' "	D.M. METERS	° ' "	D.P. METERS													
Light	COON KEY LIGHT		25-52	52.394 1612.3	81-37	57.655 1605.1	N.A. 1927	Photo T-12988	6/7/67	X						1254			
	CAYAMBA BAY																		
Dayen 2	South Approach		25-53	04.877 150.1	81-38	37.610 1047.0	"	"	"	X						"			
" 4	South Approach		25-53	16.518 502.1	81-39	06.356 176.9	"	"	"	X						"			
" 1	Coxamapas Bay		25-53	54.542 1678.4	81-39	38.119 1061.0	"	"	"	X						"			
" 3	"		25-54	03.247 99.9	81-40	34.604 963.2	"	"	"	X						"			
" 5	"		25-54	02.857 87.9	81-40	58.175 1619.5	"	"	"	X						"			
" 6	"		25-54	03.902 120.1	81-41	18.872 525.3	"	"	"	X						"			
" 7	"		25-54	02.345 72.1	81-41	19.734 549.3	"	"	"	X						"			
" 8	"		25-54	04.683 144.1	81-41	32.957 917.3	"	"	"	X						"			
" 9	"		25-54	06.113 188.1	81-41	32.813 913.3	"	"	"	X						"			
" 11	"		25-54	07.543 232.1	81-41	38.849 1081.3	"	"	"	X						"			
" 13	"		25-54	13.782 424.1	81-41	38.993 1085.3	"	"	"	X						"			
" 14	"		25-54	15.992 492.1	81-41	37.268 1037.3	"	"	"	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

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

May 5, 19 67

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

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

William H. Stearns Chief of Party

STATE	CHARTING NAME	FLORIDA	DESCRIPTION	SIGNAL NAME	POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE		LONGITUDE		DATUM						
					°	'	°	'							
					° <td>'<td>"<td>D.P. METERS<td>"<td></td><td></td><td></td><td></td><td></td><td></td></td></td></td></td>	' <td>"<td>D.P. METERS<td>"<td></td><td></td><td></td><td></td><td></td><td></td></td></td></td>	" <td>D.P. METERS<td>"<td></td><td></td><td></td><td></td><td></td><td></td></td></td>	D.P. METERS <td>"<td></td><td></td><td></td><td></td><td></td><td></td></td>	" <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
			CAMERAS BAY												
	Dayton 15	"	"		25-54	81-41	38.562	1073.5	N.A. 1927	6/7/67	X				1254
	" 16	"	"		25-54	81-41	36.406	1013.5	"	"	X				"
	" 17	"	"		25-54	81-41	38.562	1073.5	"	"	X				"
	" 18	"	"		25-54	81-41	37.556	1045.5	"	"	X				"
	" 19	"	"		25-54	81-41	41.437	1153.3	"	"	X				"
			CAMERAS PASS												
	" 4	"	"		25-54	81-42	57.611	1603.5	"	6/3/67	X				"
	" 6	"	"		25-54	81-42	39.790	1107.5	"	"	X				"
			BIG MARCO RIVER												
	" 2	"	"		25-54	81-38	16.914	470.8	"	6/19/67	X				"
	" 3	"	"		25-54	81-38	17.920	498.8	"	"	X				"
	" 4	"	"		25-55	81-38	22.232	618.7	"	"	X				"
	" 5	"	"		25-55	81-38	38.329	1066.7	"	"	X				"

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* TABULATE SECONDS AND METERS.

7 of 18

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
 X TO BE REVISED
 X TO BE DELETED

STRIKE OUT TWO

Naples, Fla.

July 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. DavisWilliam 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
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE*		LONGITUDE*		DATUM														
			°	'	°	'		D.P. METERS	"	D.P. METERS	"										
	BIG MARCO RIVER																				
Daybn 7	"		25-55	33.463	81-38	36.173	M.A. PHOTO PLOTTING	6/19/67	X									1254			
" 8	"		25-55	1029.8	81-33	1006.6	"	"	X									"			
" 10	"		25-55	39.442	81-33	45.372	"	"	X									"			
" 12	"		25-55	1213.7	81-39	1262.6	"	"	X									"			
" 14	"		25-55	35.933	81-39	03.625	"	"	X									"			
" 15	"		25-55	1105.8	81-39	100.9	"	"	X									"			
" 16	"		25-55	47.890	81-39	12.967	"	"	X									"			
" 17	"		25-55	1473.7	81-39	360.8	"	"	X									"			
" 18	"		25-56	50.360	81-39	13.686	"	"	X									"			
" 19	"		25-56	1549.7	81-39	380.5	"	"	X									"			
" 20	"		25-56	02.577	81-39	14.980	"	6/14/67	X									"			
" 21	"		25-56	79.3	81-39	416.8	"	"	X									"			
" 22	"		25-56	35.586	81-39	18.716	"	"	X									"			
" 23	"		25-56	1095.1	81-39	520.8	"	"	X									"			
" 24	"		25-56	39.435	81-39	45.593	"	"	X									"			
" 25	"		25-57	1215.1	81-40	1268.6	"	"	X									"			
" 26	"		25-57	01.837	81-40	02.409	"	"	X									"			
" 27	"		25-57	56.5	81-40	67.0	"	"	X									"			
" 28	"		25-57	09.244	81-40	30.148	"	"	X									"			
" 29	"		25-57	284.5	81-40	838.8	"	"	X									"			
" 30	"		25-57	03.136	81-40	43.802	"	"	X									"			
" 31	"		25-57	96.5	81-40	1218.7	"	"	X									"			
" 32	"		25-57	04.566	81-40	55.444	"	"	X									"			
" 33	"		25-57	140.5	81-41	1542.6	"	"	X									"			
" 34	"		25-57	08.464	81-41	13.697	"	"	X									"			
" 35	"		25-57	260.5	81-41	381.1	"	"	X									"			

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* TABULATE SECONDS AND METERS

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

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 L. H. Davis.

William H. Shearouse
Chief of Party.

[illegible]

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TABULATE SECONDS AND METERS

181081

NON-FLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

TO BE OBTAINED

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. Shanness

William H. Shoemaker	Chief of Party.
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[illegible]

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* TABULATE SECONDS AND METERS

