

12986

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-12986

LOCALITY

State Florida

General locality Naples to Big Marco

Locality Naples

NOV 19 65-JULY 1967

CHIEF OF PARTY

W.H. Shearouse, Chief of Party

V.R. Sobieralski, Photo. Office Rock-
ville, Md.

LIBRARY & ARCHIVES

DATE December 1967

CQMM-DC 61300

12986

DESCRIPTIVE REPORT - DATA RECORD

T - 12986

PROJECT NO. (II):

PH-6605

FIELD OFFICE (III):

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):

MEAD 2, 1934

LAT.:

26°04'34.114"

LONG.:

81°43'12.760"

☐ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

= 263,591.11

x = 633,990.70

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 (II):		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 line 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. B. Phillips		February 1967
CONTROL CHECKED BY (III):		DATE
R. A. Carter		February 1967
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):		DATE
I. I. Saperstein		1967 February 15,
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY	DATE
	CONTOURS	DATE
J. B. Phillips	---	---
MANUSCRIPT DELINEATED BY (III):		DATE
J. B. Phillips+		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), (M) RC-9 (color)

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
65-M(C)-952-956	11/21/65	8:51	1:60,000	2.23' (outer) 1.15' (channel)
65-L-9258-9266	11/21/65	12:13	1:33,000	3.73'
65-L(C)-9198-9205	11/20/65	10:30	1:20,000	not used for shore-line delineation
65-L-9284-9287	11/21/65	12:24	1:30,000	3.63'
65-L-9280-9283	11/21/65	12:22	1:30,000	2.99'
65-L(C)-9206-9216	11/20/65	10:35	1:20,000	not used for shore-line delineation

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

TIDE (III)

		RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION:	ST. MARKS RIVER ENTRANCE		2.4	diurnal 3.3
COORDINATE STATION:	NAPLES	.91	2.1	3.0
SUBORDINATE STATION:	MARCO, BIG MARCO RIVER	.73	1.7	2.6
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):	None	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. Ozalid 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

Hydrograph,
from the CorpThe U.
A
For a

JOB PH-6605

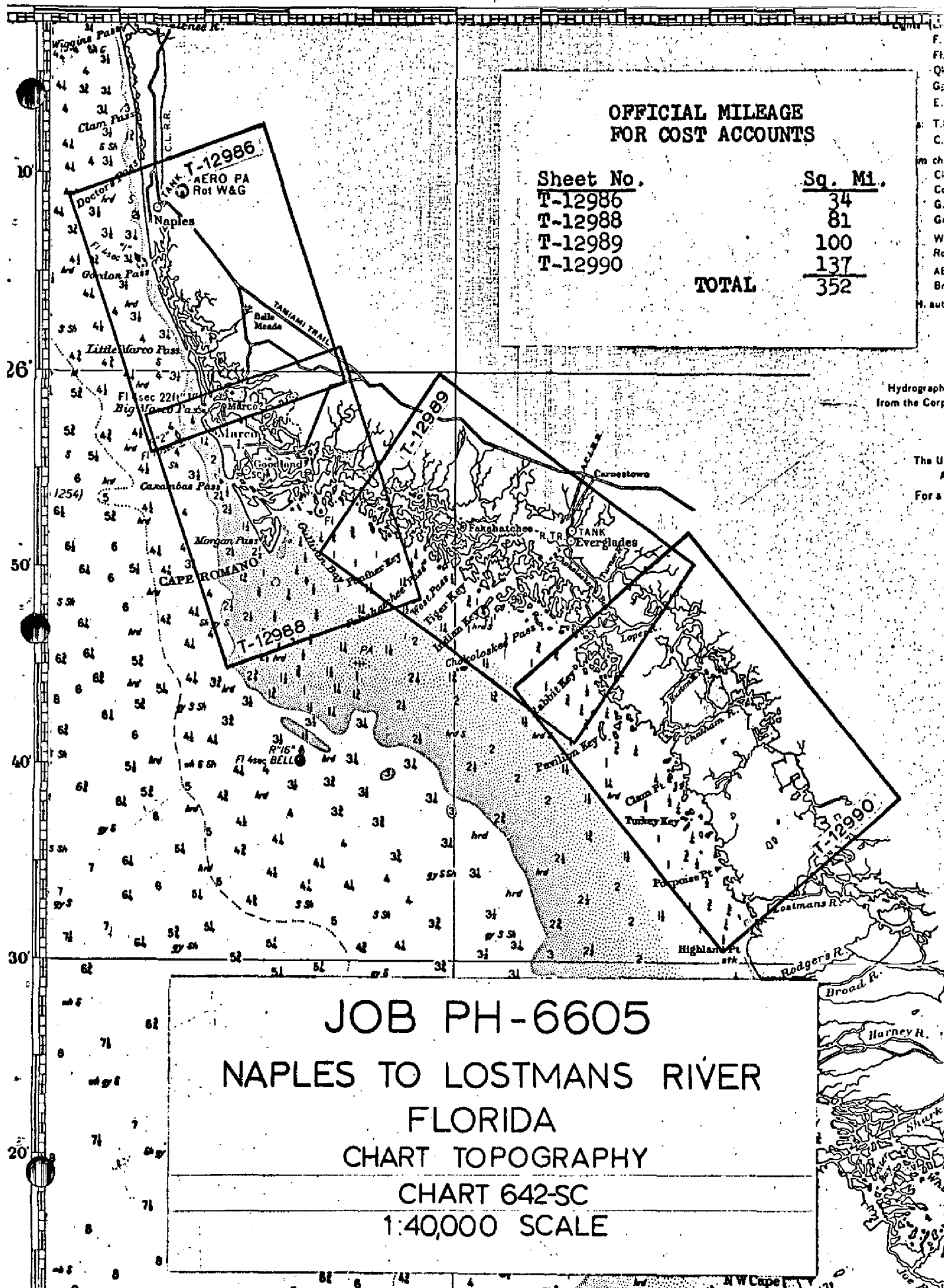
NAPLES TO LOSTMANS RIVER

FLORIDA

CHART TOPOGRAPHY

CHART 642-SC

1:40,000 SCALE



Field Report

JOB PH-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. 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 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:

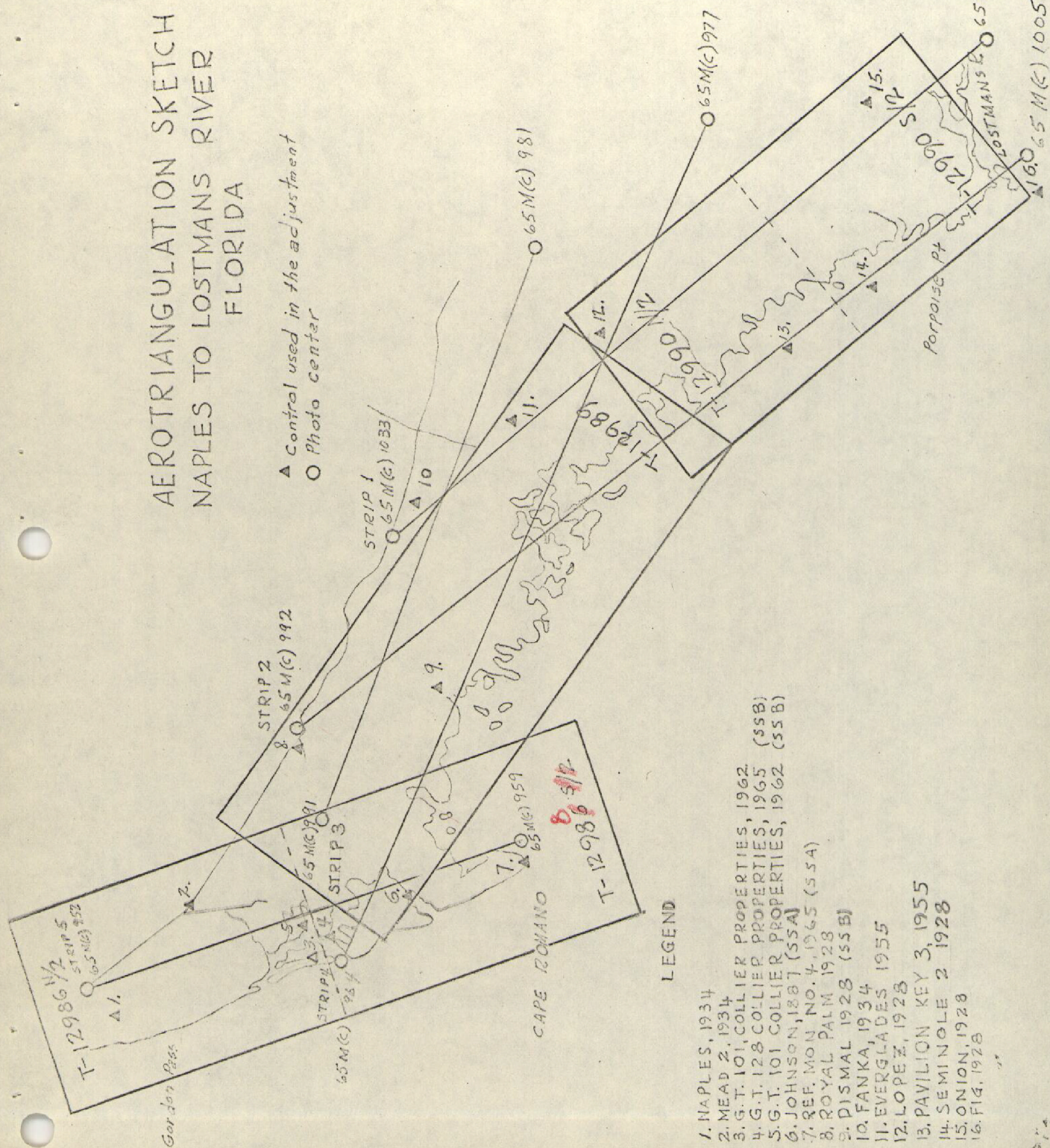

Irving I. Saperstein

Approved and Forwarded:


Henry P. Eichert

Gordon Pass.

▲ control used in the adjustment
○ Photo center



LEGEND

1. NAPLES, 1934
2. MEAD, 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. UNION, 1928
16. FIG, 1928

COMPILATION REPORT
T-12986

31. Delineation

Both graphic and instrument methods were used to compile this manuscript. The B-8 stereoplotter was used to compile the area of Naples. Glass color plates at 1:60,000 scale were used and the detail was delineated at 1:20,000 scale. The scale was used in lieu of the required 1:40,000 scale due to the difficulty encountered in drafting an area of congested detail at such a small scale. The work sheet was then photographically reduced to 1:40,000 scale and printed on a sheet of cronaflex. The cronaflex copy has been permanently attached to the vinylite manuscript.

All shoreline outside the Naples area was compiled graphically using infrared photography ratioed to the manuscript scale. This was accomplished after the entire area had been partially detailed from 1:60,000 scale color plates on the B-8 stereoplotter. This procedure was necessary to provide control for the infrared photographs.

32. Control

Identification, density and placement of control were adequate.

33. Supplemental Data

Nautical Chart No. 1254 (Chatham River to Clam Pass) scale 1:80,000 corrected to April 26, 1965, was used as an aid in listing and identifying on the photographs all lights, day-beacons and landmarks in the area.

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 scale color photography was so poor that no shoal or channel lines could be identified.

36. Offshore Details

None

37. Landmarks and Aids

Forms 567 are submitted for one landmark and 108 aids that fall within the limits of this manuscript. Only 43 aids and the one landmark could be identified on the photography and shown on the manuscript. The lights shown were visible on the 1:60,000 scale color photography and were located on the manuscript using the B-8 stereoplotter. The daybeacons shown were those visible on the 1:20,000 scale color photography. They were located on the manuscript using a projector to reduce the 1:20,000 scale photography to manuscript scale of 1:40,000. The remaining aids 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 south. There are no contemporary surveys to the north or east. 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-4371, 4372 and 4373 dated February 22, 1927 at 1:20,000 scale and Hydrographic Surveys H-5067 and 5072.

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, 1967.

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 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

page 2

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-12986 (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, scale 1:20,000, dated February 22, 1967, corrected in 1931; T-4372, scale 1:20,000, dated February 22, 1967, corrected in 1930 and T-4373, scale 1:20,000, dated February 22, 1927, revised 1930. These surveys are superseded for nautical charting by the new surveys. The area around the city of Naples and Marco is undergoing extensive development, rendering the prior surveys obsolete for shoreline mapping.

63. Comparison with Maps of Other Agencies

Comparison was made with USGS quadrangles: Naples S., Florida, and Naples N., 1:24,000 scale dated 1958.

64. Comparison with ^{Prior} Contemporary Hydrographic Surveys

Comparison was made with hydrographic surveys H-5067 and H-5072, scale 1:20,000, dated 1930.

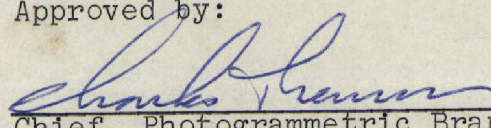
65. Comparison with Nautical Charts

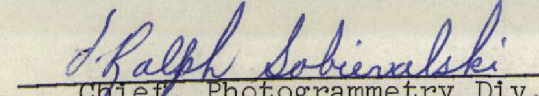
Comparison was made with Chart 1254 (Chatham River to Clam Pass), 1:80,000 scale, 5th Edition, April 26, 1965. All differences noted on the discrepancy print were resolved during field edit. A copy of manuscript T-12986 with field edit corrections and additions was furnished the Small-Craft Chart Branch prior to review. No changes of consequence to nautical charts were made during review.

66. Adequacy of Results and Future Surveys

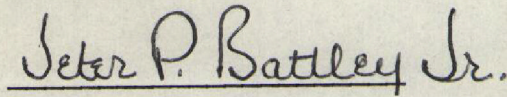
The four maps of this project comply with the project instructions and are within the National Standards of Map Accuracy.

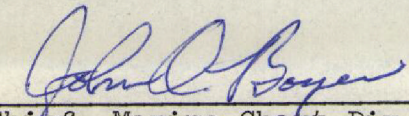
Approved by:


Chief, Photogrammetric Branch


Chief, Photogrammetry Div.
11-27-67

Reviewed by:


Peter P. Battley Jr.


Chief, Marine Chart Div.

August 30, 1967

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6605 (Lostmans River, Fla.)
T-12986

Addison Bay	Keewaydin Island
Bear Point	Little Marco Island
Big Marco Pass	Little Marco Pass
Big Marco River	Marco /
Collier Bay (Changed from Smokehouse Bay)	Marco Island
Dollar Bay	McIlvaine Bay
East Naples (Name moved northward)	Naples
Gordon Pass	Naples Bay
Gordon River	Rock Creek
Henderson Creek	Rookery Bay
Hurricane Pass	Smokehouse Bay (Move slightly southward)
Isles of Capri	Tamiami Trail
Johnson River	Tarpon Bay

Approved by:

A. Joseph Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

T-12986
Supplemental Name List

Crayton Cove

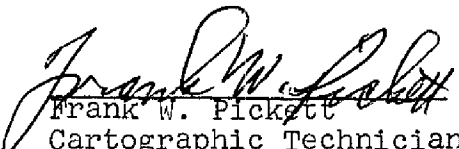
Johnson Bay

Approved by:



A. Joseph Wraight
Chief Geographer

Prepared by:


Frank W. Pickett
Cartographic Technician

NONFLOATING AIDS OR MARKS FOR CHARTS

TO BE CHARTED
X TO BE REVISED
X TO BE DELETED

STRIKE OUT TWO

Naples, Fla.

- July 5, 19 67

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

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

William H. Cheppower
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								
	BIG MARCO PASS							Fixed Plot T-12936			X			1254
Daybn 4	"	"	25-58	26.823 825.4	81-45	08.811 245.1	N.A. 1927	"	6/21/67	X	X			"
Light5	"	"	25-57	48.396 1504.7	81-44	50.270 1398.5	"	"	6/20/67	X	X			"
Daybn 6	"	"	25-58	13.192 406.0	81-44	25.118 698.7	"	"	"	X	X			"
" 8	"	"	25-58	25.275 777.8	81-44	02.409 67.0	"	"	"	X	X			"
	BIG MARCO PASS - GORDON PASS													
Daybn 1	"	"	25-58	20.078 617.9	81-44	37.622 1046.6	"	"	"	X	X			"
" 2	"	"	25-58	16.570 509.9	81-44	35.523 982.6	"	"	"	X	X			"
" 4	"	"	25-58	25.795 793.8	81-44	34.316 954.6	"	"	"	X	X			"
" 5	"	"	25-58	41.575 1277.5	81-44	24.687 686.7	"	"	"	X	X			"
" 6	"	"	25-58	47.751 1469.4	81-44	18.076 502.8	"	"	"	X	X			"
" 7	"	"	25-58	48.011 1477.4	81-44	20.519 570.8	"	"	"	X	X			"
" 9	"	"	25-59	03.211 98.8	81-44	25.519 710.6	"	"	6/21/67	X	X			"
" 10	"	"	25-59	15.811 486.6	81-44	29.286 814.6	"	"	"	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 16234-P&1

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

C&GS FORM 567
(11-61)

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

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

The positions given have been checked after listing by

L. H. Davis

Naples, Fla.

July 19 19 57

William H. Shearson 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												
	BIG MARCO PASS= GORDON PASS																	
Dayball	"		25-59	26.204 806.4	81-44	32.879 914.5		N. A. 1927										1254
" 12	"		25-59	46.728 1438.0	81-44	36.904 1026.4		"										"
" 13	"		25-59	49.975 1537.9	81-44	39.347 1094.3		"										"
" 14	"		25-59	52.444 1613.9	81-44	31.442 874.4		"										"
" 15	"		26-00	01.191 36.7	81-44	20.950 582.6		"										"
" 16	"		26-00	09.459 291.1	81-44	14.195 394.8		"										"
" 17	"		26-00	23.226 714.7	81-44	21.525 598.6		"										"
" 18	"		26-00	25.746 730.7	81-44	20.375 566.6		"										"
" 18A	"		26-00	37.124 1142.4	81-44	32.017 890.3		"										"
" 19	"		26-00	36.994 1138.4	81-44	33.023 918.3		"										"
" 20	"		26-00	44.787 1378.2	81-44	37.766 1050.2		"										"
" 21	"		26-00	45.307 1394.2	81-44	40.066 1114.2		"										"
" 23	"		26-00	45.307 1394.2	81-44	44.234 1230.1		"										"

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 10234-P01

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

Maples, Fla.

July 5, 1954

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*		D.M. METERS	D.P. METERS	D.M. METERS	D.P. METERS	D.M. METERS	D.P. METERS	D.M. METERS	D.P. METERS	D.M. METERS	D.P. METERS	D.M. METERS	D.P. METERS	D.M. METERS	D.P. METERS	D.M. METERS	D.P. METERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	BIG MARCO PASS - GORDON PASS		26-00	'	46.476	'	47.108																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

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* TABULATE SECONDS AND METERS

C&GS FORM 567
(11-81)U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEYTO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

No. 189, 220.

July 5, 1971

CHARTING NAME	STATE	FLORIDA	DESCRIPTION	SIGNAL NAME	POSITION				DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE *		LONGITUDE *								
					° ' "	D.M. METERS	° ' "	D.P. METERS							
			BIG MARCO PASS - GORDON PASS						T-22986	6/26/77	X				1254
Daybn 38	"	"	"		26-01	35.046	1-45	58.396	N.A.	"	"				"
" 40	"	"	"		26-01	1078.5	1-46	1623.7	1927	"	"				"
" 42	"	"	"			51150.3	1-46	05.532	"	"	"				"
" 44	"	"	"			1574.1		155.2	"	"	"				"
" 46	"	"	"		26-02	03.227	31-46	11.763	"	"	"				"
" 48	"	"	"		26-02	99.3	31-46	327.0	"	"	"				"
" 50	"	"	"		26-02	10.887	31-46	15.643	"	"	"				"
" 52	"	"	"		26-02	335.0	31-46	434.9	"	"	"				"
" 54	"	"	"		26-02	19.587	31-46	28.291	"	"	"				"
" 56	"	"	"		26-02	602.8	31-46	786.5	"	"	"				"
" 58	"	"	"		26-02	27.377	31-46	29.872	"	"	"				"
" 60	"	"	"		26-02	842.5	31-46	830.5	"	"	"				"
" 62	"	"	"		26-02	32.442	31-46	31.310	"	"	"				"
" 64	"	"	"		26-02	998.3	31-46	870.4	"	"	"				"
" 66	"	"	"		26-02	35.687	31-46	31.741	"	"	"				"
" 68	"	"	"		26-02	1096.2	31-46	882.4	"	"	"				"
" 70	"	"	"		26-02	49.970	31-46	40.564	"	"	"				"
" 72	"	"	"		26-02	1537.7	31-46	112.1	"	"	"				"
" 74	"	"	"		26-03	05.291	31-46	46.832	"	"	"				"
" 76	"	"	"		26-03	162.8	31-46	1501.9	"	"	"				"
" 78	"	"	"		26-03	05.811	31-46	48.269	"	"	"				"
" 80	"	"	"		26-03	178.8	31-46	1541.8	"	"	"				"
" 82	"	"	"		26-03	34.113	31-46	43.526	"	"	"				"
" 84	"	"	"		26-03	1049.8	31-46	1209.9	"	"	"				"
" 86	"	"	"		26-03	47.096	31-46	399.33	"	"	"				"
" 88	"	"	"		26-03	1449.3	31-46	1110.0	"	"	"				"

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

USCGM-DC 16234-P01

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

13 of 18

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Naples, Fla.

July 5, 1968

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 W. Shumouse Chief of Party

STATE FLORIDA			POSITION										METHOD OF LOCATION AND SURVEY NO. Plot	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												
	BIG MARCO PASS - GORDON PASS											T-12986	6/26/67		X		1254	
Daybn 57	"		26-03	46.447	81-46	41.514	1153.9	N. A. 1927			"		"		X		"	
" 58	"		26-03	59.300	81-46	41.945	1165.9	"			"		"		X		"	
" 59	"		26-03	58.650	81-46	43.239	1201.8	"			"		"		X		"	
" 60	"		26-04	13.449	81-46	50.133	1393.6	"			"		"		X		"	
" 62	"		26-04	41.39	81-46	59.480	1653.1	"			"		"		X		"	
" 64	"		26-04	41.486	81-47	06.235	173.3	"			"		"		X		"	
" 65	"		26-04	40.578	81-47	07.385	205.2	"			"		"		X		"	
" 66	"		26-05	01.606	81-47	09.397	261.2	"			"		"		X		"	
" 68	"		26-05	19.777	81-47	12.128	337.0	"			"		"		X		"	
" 69	"		26-05	20.036	81-47	13.565	377.0	"			"		"		X		"	
" 71	"		26-05	39.245	81-47	13.853	385.0	"			"		"		X		"	
" 73	"		26-06	02.866	81-47	14.140	392.9	"			"		"		X		"	

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* TABULATE SECONDS AND METERS

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

I recommend that the following objects which have ~~(state/notes)~~ 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

Maples, Fla. July 5, 1947

William H. Shearman Chief of Party

STATE FLORIDA			POSITION										METHOD OF LOCATION AND SURVEY NO.		DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE #		LONGITUDE #		DATUM	METHOD OF LOCATION AND SURVEY NO.		DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED					
			° ' "	D.P. METERS	° ' "	D.P. METERS													
	GOUCH PASS CHANNEL								Photo Plot T-12986	6/26/67	X	X	X	1254					
Daybn 5	"		26-05	32.626	81-48	02.432	"	"	"	"	X	X	"	"					
Light 6	"		26-05	32.367	81-47	57.258	"	"	"	"	X	X	"	"					
Daybn 7	"		26-05	34.183	81-47	58.264	"	"	"	"	X	X	"	"					
Daybn 8	"		26-05	44.047	81-47	55.246	"	"	"	"	X	X	"	"					
Light 9	"		26-05	46.643	81-47	56.683	"	"	"	"	X	X	"	"					
Daybn 10	"		26-05	46.514	81-47	53.665	"	"	"	"	X	X	"	"					
Daybn 12	"		26-05	50.018	81-47	47.197	"	"	"	"	X	X	"	"					
Light 13	"		26-05	52.743	81-47	45.904	"	"	"	"	X	X	"	"					
Daybn 14	"		26-05	51.186	81-47	43.316	"	"	"	"	X	X	"	"					
Light 16	"		26-05	52.224	81-47	31.244	"	"	"	"	X	X	"	"					
Daybn 18	"		26-05	1607.1	81-47	868.2	"	"	"	"	X	X	"	"					
				55.209		23.051	"	"	"	"	X	X	"	"					
				1699.0	81-47	640.5	"	"	"	"	X	X	"	"					

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* TABULATE SECONDS AND METERS

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

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

I recommend that the following objects which have *(Mark/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

Naples, Fla. July 5, 1967

William H. G. G. G. G. Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION-Verification	NEARBY CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE *		LONGITUDE *							
				° ' "	D.M. METERS	° ' "	D.P. METERS						
		NAPLES BAY CHANNEL						1927	T-12986 Pilot	6-26-67	✓		1254
	DBn 19			26°-06	02.737	81-47	13.996 388.9	"		"			"
	Lt 20			26-06	03.905	81-47	12.559 349.0	"		"			"
	DBn 21			26-06	06.240	81-47	14.571 404.9	"		"			"
	DBn 22			26-06	24.019	81-47	12.415 345.0	"		"			"
	DBn 23			26-06	42.187	81-47	14.284 396.9	"		"			"
	Lt 24			26-06	44.393	81-47	12.272 341.0	"		"			"
	DBn 25			26-06	45.301	81-47	15.146 420.8	"		"			"
	DBn 26			26-06	56.202	81-47	20.464 568.6	"		"			"
	Lt 27			26-06	57.759	81-47	23.195 644.4	"		"			"
	Lt 28			26-07	14.368	81-47	26.644 740.2	"		"			"
	DBn 29			26-07	23.581	81-47	28.513 792.1	"		"			"
	DBn 31			26-07	41.097	81-47	28.369 788.1	"	✓	"			"
	Lt 32			26-07	43.562	81-47	26.788 744.2	1927	T-12986	6-26-67			1254

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 28412-P61

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

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

Naples, Fla.July 5, 1967William H. Spearhawk, Chief of Party

STATE	Florida	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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* TABULATE SECONDS AND METERS

USCGM-OC 23412-P&I

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

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

The positions given have been checked after listing by

T. H. Davis

William H. Shannouse Chi

William H. Shoemaker Chief of Party.

[illegible]

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

TABULATE SECONDS AND METERS

