13105

13105

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline

Field No. *Office No.* T-13105

LOCALITY

State Florida

General locality Florida Coast

Locality Sebastian

1967-68

CHIEF OF PARTY

LIBRARY & ARCHIVES

DATE

USCOMM-OC 5087

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T -13105

PROJECT NO. (III):

PH-6710

FIELD OFFICE (II):	CHIEF OF PARTY
PHOTOGRAMMETRIC OFFICE (III):	**OFFICER-IN-CHARGE**
Washington Science Center	V. Ralph Sobieralski

INSTRUCTIONS DATED (II) (III):

Office: April 6, 1967; April 27, 1967

METHOD OF COMPILATION (III):

Stereoscopic - B-8 stereoplotter

MANUSCRIPT SCALE (III):	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):
1:20,000	20,000
DATE RECEIVED IN WASHINGTON OFFICE (IV):	**DATE REPORTED TO NAUTICAL CHART BRANCH (IV):**

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

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

REFERENCE STATION (III):

FORT, 1934

LAT.:	LONG.:	☐ ADJUSTED ☐ UNADJUSTED

PLANE COORDINATES (IV):		STATE	ZONE
y = 1,262,855.19	x = 679,454.30	Florida	East

ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE, OR (IV) WASHINGTON OFFICE.
WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.

USCOMM-DC 16276A-P61

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

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

DESCRIPTIVE REPORT - DATA RECORD

T-13105

FIELD INSPECTION BY (II): None (See remarks below)	DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Office interpretation Nov. 1966-Feb. 1967 *Field Edit - Jan. 1968*	
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree	DATE 11-7-66
PROJECTION AND GRIDS CHECKED BY (IV): R. Glaser	DATE 11-10-66
CONTROL PLOTTED BY (III): H. Lucas	DATE June 1967
CONTROL CHECKED BY (III): J. B. Phillips	DATE June 1967
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): R. B. Kelly	DATE May-Oct. 1967
STEREOSCOPIC INSTRUMENT COMPILATION (III): J. B. Phillips R. A. Youngblood	PLANIMETRY: DATE 7-14-67 10-67
	CONTOURS: DATE
MANUSCRIPT DELINEATED BY (III): J. B. Phillips - R. A. Youngblood	DATE 7-17-67 10-67
SCRIBING BY (III):	DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): J. P. Battley, Jr.	DATE Sept. 1968

REMARKS:

Field Edit by:

W. H. Shearouse - Jan. 1968

USCOMM-DC 36393B-P66

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

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

DESCRIPTIVE REPORT - DATA RECORD

T-13105

CAMERA (KIND OR SOURCE) (III):

"L" 6" focal length (color); "S" RC-8 camera (infrared)

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
67-S-8246R-8249R	2-24-67	9:00	1:40,000	2.3'above MLW

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Miami Harbor Entrance		2.5	3.0
SUBORDINATE STATION: Ft. Pierce Inlet (breakwater)		2.6	3.0
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): J. P. BATTLEY		DATE: SEPT. 1968
PROOF EDIT BY (IV):		DATE:
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):	RECOVERED: 7	IDENTIFIED:
NUMBER OF BM(S) SEARCHED FOR (II):	RECOVERED:	IDENTIFIED
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):		
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):		

REMARKS:

Summary to Accompany Descriptive Report
T-13100 through T-13117, T-13141 and
T-13218

PH-6710
December 1969

This project is comprised of thirteen shoreline manuscripts compiled at 1:20,000 scale, (T-13100 through T-13112), four manuscripts compiled at 1:10,000 scale, (T-13113 through T-13115) and three 1:5,000 scale manuscripts, (T-13116 through T-13117). The area covered is the east coast of Florida from Cape Kennedy to just south of Jupiter Inlet. The maps were compiled as a base for hydrographic survey operations and to update marine charts of the area. Two manuscripts, (T-13218 and T-13141) were added to the project after hydro operations were begun and are discussed in this summary.

Field inspection was accomplished during Sept.-Oct. 1966 and was limited to the recovery and premarking of control.

The project area was flown in November 1966. Infrared and color photography was taken.

Stereoplanigraph bridging of the color photography was begun in April 1967 and continued through October 1967. To support hydrographic survey operations, the bridging data was supplied the Washington compilation section as each of nine strips were bridged. Strips #2 through #8 were bridged by stereoplanigraph methods. Strip #1 was bridged analytically. All bridging photography was 1:40,000 scale. Some difficulty was experienced in bridging the project area - (see the Plot Report for details).

The manuscripts were compiled as bridging was received from April 1967 through February 1968. Ratio photographs were prepared in the usual manner for photo-hydro support use. The photographs prepared were both infrared and color. The field ratio prints, cronaflex copies of the manuscripts and discrepancy ozalids were sent to the field, as completed, to expedite hydro activities. Two new manuscripts were added to the project after hydro operations were begun to develop

more of the Loxahatchee River which empties into Jupiter Inlet (T-13141, 1:10,000 scale), and T-13218, 1:5,000 scale to further develop the Ft. Pierce harbor area. This accounts for compilation activities extending to June 1968. In the area of the 1:10,000 scale manuscripts - 1967 1:30,000 scale color and infrared photography was available for compilation. In the area of the two 1:5,000 scale manuscripts (T-13116 and T-13117), 1:15,000 scale color photographs were available. T-13218 (1:5,000 scale) was compiled at 1:10,000 scale on the B-8 stereoplotter from 1:40,000 scale photography and then enlarged to 1:5,000 for a hydro support manuscript. This manuscript is thus considered somewhat substandard in accuracy. All compilation was achieved on the B-8 stereoplotter.

Field edit operations were begun in November 1967 and were completed in 1968. To resolve some landmark and aid problems, provide hydro support, and to further clarify differences in compiled features for Marine Charts, additional field work was accomplished in February 1969. Field edit operations required the location of most of the daybeacons throughout the project area and verification of compiled features.

The application of field edit corrections and/or additions was accomplished in the Washington compilation office as received from the field with some interruption for higher priority projects. Field edit application and final review was completed in November 1969. As field edit corrections were applied to each T-sheet and checked for completeness, a cronaflex copy was ordered for the Marine Chart Division. Hydro verification was being accomplished at the same time of final review and close liaison was maintained between sections.

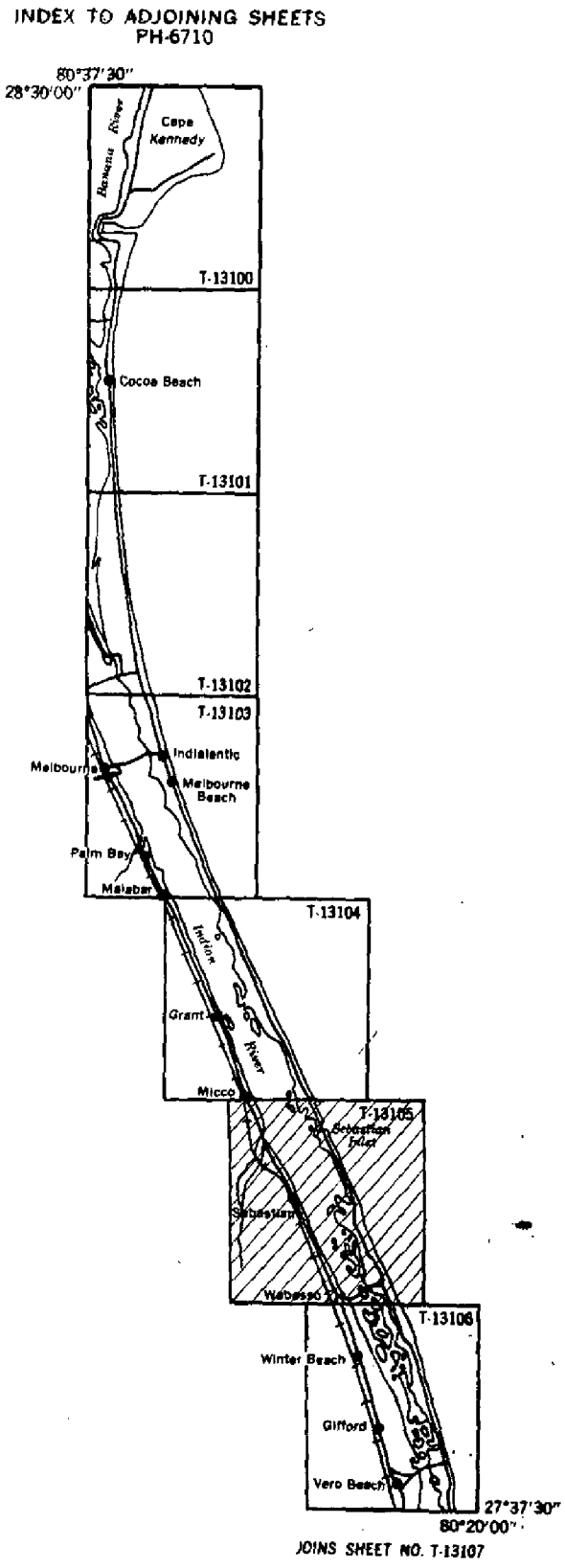
A Registration Manuscript Copy will be registered in the Bureau Archives under their respective T-numbers.

Submitted by,

Peter P. Battley Jr

J. P. Battley, Jr.

PROJECT DIAGRAM



PHOTOGRAMMETRIC PLOT REPORT
Job PH-6710
Cape Kennedy to Jupiter Inlet, Florida

October 27, 1967

21. Area Covered

This report covers the bridging of the Florida east coast from Cape Kennedy to Jupiter Inlet, Included in this area are T-sheets T-13100 thru T-13112 at 1:20,000 scale, T-13113 thru T-13115 and T-13141 at 1:10,000 scale and T-13116, T-13117 and T-13218 at 1:5,000 scale.

22. Method

Eight strips were bridged by stereoplanigraph methods and one strip (Strip #1) by STK methods. All were adjusted by the IBM 1620 method. Strip #1 (66-L(C)-8716 thru 8731) was bridged holding six stations as control and three stations plus tie points as checks. Strip #1-C (66-L(C)-8708 thru 8716) was adjusted holding five control stations with two stations as checks. Strip #2 (66-L-8822 thru 8832) was adjusted on four stations. Strip #3 (66-L(C)-8696 thru 8702) was adjusted on four stations with tie points as checks. Strip #4 (66-L(C)-8738 thru 8748) was adjusted on four stations with tie points as checks. Strip #5 (66-L(C)-8768 thru 8799) was adjusted on five stations with two stations and tie points as checks. Strip #6 (66-L(C)-8782 thru 8797) was adjusted on five control stations with tie points as checks. Strip #7 (66-L(C)-8773 thru 8779) was adjusted on three stations. Strip #8 (66-L(C)-8804 thru 8821) was adjusted on three stations with tie points as checks.

All plates were drilled by the PUG method. Tie points between strips were averaged.

23. Adequacy of Control

Horizontal control complied with project instructions. Most of the control stations were premarked with additional sub-stations selected on color photos taken with a hand-held camera. These photos were used before the strip photography was available. Many of the images selected on the hand-held photographs could not be determined on the strip photography. In some cases the premarked stations could not be seen clearly in the strip photography.

Stations which could not be held within National Map Accuracy Standards and the probable reasons for the source of error are as follows:

STRIP #1

BET, 1967, SS "A" and SS "B" - Could not be clearly seen on the 1:40,000 scale photography.

POLE (TEMP), BASE PT. "C", 1967, Panel, SS "A" and SS "B" - The positions of this station and its substations were determined by a short baseline method. With the small angle involved and the evidence of bridging residuals, this station was treated as a passpoint between Strips #1 and #8.

PIERCE 2, 1963 - Only the 1:40,000 scale target was considered as a good point in Strip #1. All other substations were dropped from the adjustment.

STRIP #2

RADAR, 1955, SS "A" was a very poor image point on this strip and was dropped from the adjustment.

STRIP #5

VALKARIA, 1960 (Target) and TURKEY CREEK, 1877 (Target) gave large residuals in the adjustment phase and were dropped. The substations for these stations were used in place of the targets and showed good residuals in the adjustment.

STRIP #6

TRIPOD 3, 1963, SS "A" - No reason could be determined for this substation not holding in the adjustment. It was dropped from the bridge.

STRIP #7

ARTESIA, 1953, SS "A" - No reason could be determined for the error in this station. Since two companion points held, the substation was dropped.

STRIP #8

POLE (TEMP), BASE PT. "C", 1967 - See note under Strip #1.

24. Supplemental Data

Local USGS quads were used for elevations during bridging operations.

25. Photography

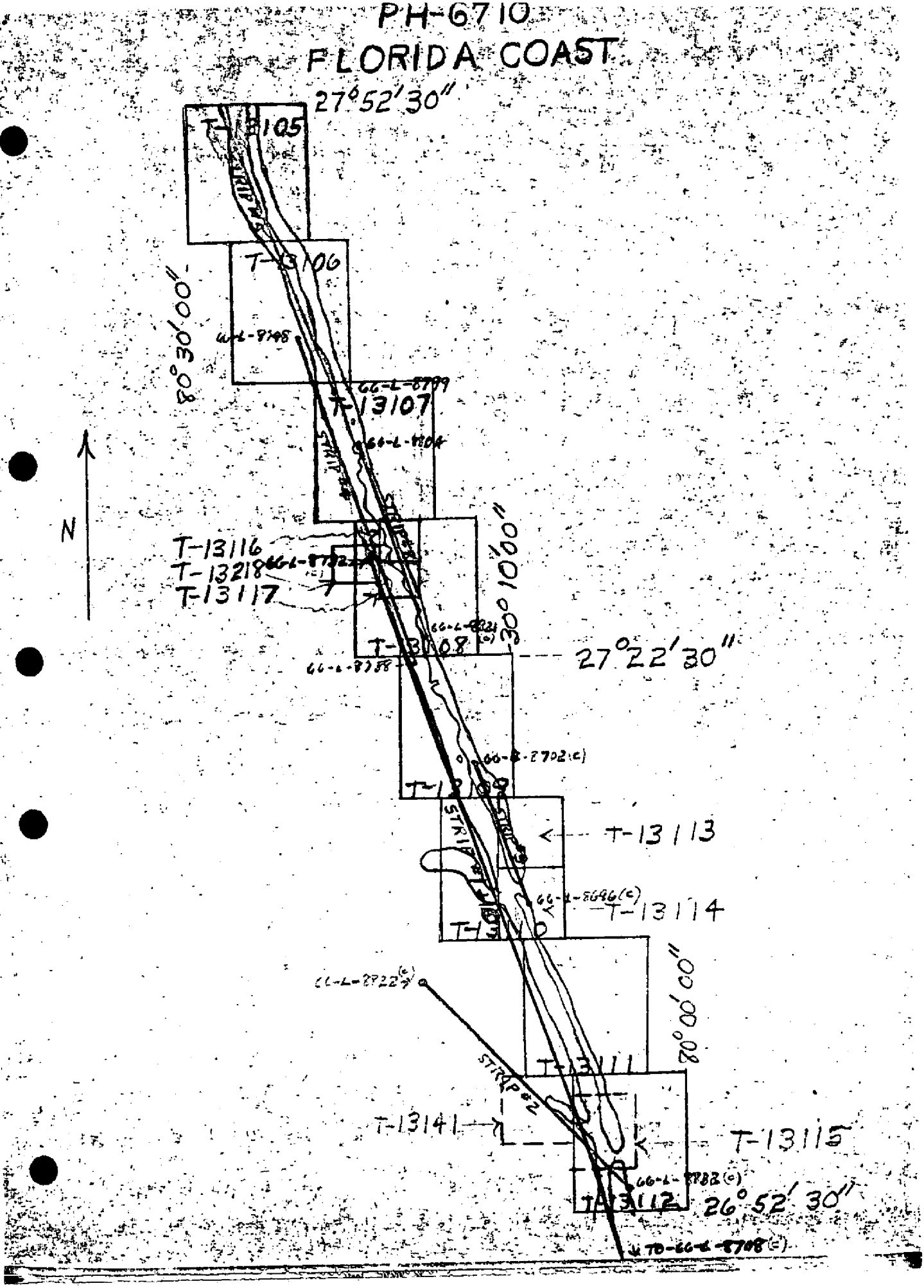
Photography was adequate as to coverage, overlap, definition and quality.

Submitted by:

Robert B. Kelly

Approved by:

John D Perrazo Jr.


PH-6710
FLORIDA COAST
27°52'30"
T-13105
T-13106
80°30'00"
66-L-8798
66-L-8799
T-13107
66-L-8804
STRIP #1
N
T-13116
T-13218
66-L-8802
T-13117
80°10'00"
66-L-8821(C)
T-13108
27°22'30"
66-L-8788
66-L-8702(C)
T-13109
STRIP #2
T-13113
66-L-8696(C)
T-13114
80°00'00"
66-L-8722(C)
T-13111
T-13141
T-13115
66-L-8782(C)
T-13112
26°52'30"
TO 66-L-8708(C)

Compilation Report
Project PH-6710
T-13105
July-Nov. 1967

31. Delineation

This manuscript was compiled at a scale of 1:20,000 on the B-8 stereoplotter using 1:40,000 color plates. Infrared photographs ratioed to manuscript scale were used for a graphic refinement of the MHWL.

Points were positioned along the shoreline to facilitate hydrographic signal location and cronapaque ratio prints of the photography were resected to the manuscript in the standard manner for photo hydro support.

This manuscript was also delineated according to Marine Chart specifications to provide a new base for Chart 845-SC.

32. Control

Identification, density and placement of control was adequate.

33. Supplemental Data

Small-craft Chart 845-SC at 1:40,000 scale dated August 1966 was used as an aid in locating Lts. and daybeacons in the area. Geological Survey Quad.; Sebastian, Florida, dated 1951 and at a scale of 1:24,000 was used for listing the geographic names.

34. Contours and Drainage

Inapplicable

35. Shoreline and Alongshore Details

Delineation of the shoreline and alongshore details was accomplished by office interpretation of the photographs.

36. Offshore Details

The jetties at Sebastian Inlet were only partially covered with the color photography - 2 rocks shown on the chart could not be verified on the photographs for this reason.

37. Landmarks and Aids

Landmarks (House North Gable and Tank) shown on the chart, have been deleted per field editor.

Thirty-three aids to navigation were shown on the manuscript.

38. Control for Future Surveys

No comment.

39. Junctions

Junction has been made and is . agreement to the North with T-13104 and to the South with T-13106.

40. Horizontal and Vertical Accuracy

No comment.

41.-45. Inapplicable

46. Comparison with Existing Maps

Comparison has been made with Geological Survey Quad.; Sebastian, Florida, scale 1:24,000, dated 1951.

47. Comparison with Nautical Charts

Comparison has been made with Nautical Charts #1246, scale 1:80,000, revised to 7-15-67 and Chart 845-SC, scale 1:40,000, dated 8-20-66.

Submitted by,

J. B. Phillips

J. B. Phillips

Approved by,

K. N. Maki

K. N. Maki
Chief, Compilation Section

GEOGRAPHIC NAMES
FINAL NAME SHEET

PH-6710 (Cape Kennedy to Jupiter Inlet)
T-13105

Atlantic Ocean
Big Slough
Black Point
Campbell Pocket
Chobie Dock
Coconut Point
Collins Hole
Cummings
Duck Point
East Channel
Green Point
Indian River
Intracoastal Waterway
Long Point
Long Point Creek
Melba Island
Michael Creek
Michael Island
Mud Hole
News Cut
North Hole
Pauls Island
Pelican Island
Pine Island
Pine Island Bay
Preachers Hole
Preachers Island
~~Roseland~~ (beyond compiled area)
~~Roseland Airport~~ (airport not shown) GS.
Sand Point
Sebastian
Sebastian Creek
Sebastian Inlet
South Hole
South Point
Spratt Creek
Spratt Point
Turtle Pen Slough
Wabasso
Wabasso Island
Wabasso Beach

Approved by:

A. J. Wraight
A. J. Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

FIELD EDIT REPORT

Map T-13105

In accordance with Instructions - FIELD EDIT - Job PH-6710; Chart Topography, Cape Kennedy to Jupiter Inlet, Fla. (C1413)

51. METHODS

Compiled mean high-water line along the ocean front was verified by visual inspection and an occasional measured distance from an identifiable object or point. Measurements are recorded on the photographs.

Shoreline along the Indian River was visually verified from a small boat. Requests for corrections, additions and deletions are recorded on the Field Edit Sheet with reference to photographs by number on which the information is shown.

Streets and roads were travelled to verify existence and classification.

Landmark buildings have been circled on the photographs.

Two landmarks are presently charted. Both are recommended for deletion. Form 567 is submitted.

Nonfloating aids to navigation were verified. A large number had to be located. Those that could be identified on the photo. transparencies were marked and reference made to that photograph or transparency on the Field Edit Sheet. At a considerable number, sextant fixes were made. These were plotted on the Cronaflex peint of the map manuscript. The cronaflex is submitted as part of field edit data. Form 567 is submitted for only those aids not located during compilation, the positions of which will have to be scaled after final positioning on the map manuscript.

A large number of piles and channel markers were located by sextant fix. All of these were plotted on the Cronaflex. Several fixes had to be laid out graphically on sheets of paper due to the nearness of one or more of the objects. These graphic fixes are submitted. Angles for all sextant fixes are recorded on one sketchbook.

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

Violet ink was used for all field edit notes.

In addition to the Field Edit Sheet and Cronaflex, field edit information will be found on the following photographs: 66L(c) 8758, 8759, 8760, 8761; infrared 67S8246R, 8247R, 8248R, 8249R; transparencies 66L(c)8757, 8758, 8759, 8760, and 8761.

52. ADEQUACY OF COMPILATION

After application of field edit corrections, additions and deletions, compilation will be adequate.

53. MAP ACCURACY

No tests were specified.

54. RECOMMENDATIONS

None offered.

55. EXAMINATION OF PROOF COPY

Not required.

Submitted 1/5/68

William H. Shearouse

William H. Shearouse,
Chief, Photo Party 60

Review Report T-13105
Shoreline Mapping
March 1970

61. General Statement

(See Summary)

62. Comparison with Registered Topographic Surveys

Comparison was made with T-8888, scale 1:20,000, compiled from aerial photographs of December 1947. This survey is superseded for nautical charting by the new survey. Shoreline changes at Sebastian Inlet and along Indian River also make T-8888 obsolete for shoreline mapping.

63. Comparison with Maps of Other Agencies

See paragraph 46 of Compilation Report.

64. Comparison with Contemporary Hydrographic Surveys

There is no contemporary hydrographic survey. Comparison was made with H-5028, scale 1:20,000 dated 1930.

65. Comparison with Nautical Charts

Comparison was made with Chart 1246, scale 1:80,000, 5th Edition, dated October 7, 1968, and 845-SC, scale 1:40,000, 8th Edition, dated August 30, 1969. All differences noted on the discrepancy print between the published charts and the new survey were resolved in field edit. The discrepancy print was prepared in 1967 and was compared with the latest editions of the above charts at that time. Channel markers at approximate latitudes 27°48'40", 27°49'30", 27°52'30" and miscellaneous piling located in field edit may be of interest in small craft charting.

66. Adequacy of Results and Future Surveys

T-13105 complies with the project instructions and is within the National Standards of Accuracy.

Reviewed by,
Peter P. Battley Jr

Approved by,

R H Houlder — Chief, Photogrammetry Division

Charles Theurer — Chief, ~~Marine Chart Division~~ Photogrammetric Branch DSB

FORM C&GS-164
(4-68)
USCOMM-DC
50318-P68

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 13105 PROJECT NO. 6710 SCALE OF MAP _____ SCALE FACTOR _____

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y COORDINATE LONGITUDE OR X COORDINATE	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 3048006 meter) FORWARD (BACK)
WHITE 3, RM 1906	page 19		1,285,142.41 663,309.42	
BASS, 1934	page 3		1,282,957.02 678,152.46	
SEBASTIAN 2, 1907	page 19		1,266,445.49 671,209.53	
FORT, 1934	page 160		1,262,855.19 679,454.30	
HOLT, 1934	page 3		1,260,411.39 688,325.89	
LAST 2, 1934	page 19		1,248,386.16 694,174.17	
DUCK PT. 2, 1930	page 160		1,252,807.78 679,951.05	

COMPUTED BY DATE CHECKED BY DATE

FORM C&GS-567
(5-66)

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

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

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

Rockville, Md. Nov. 1, 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 R. A. Youngblood

V. Ralph Sobieralski
Chief of Party.

STATE: Florida

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	″ D.M. METERS	POSITION LONGITUDE* ° ′	″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	Intracoastal Waterway Eau Gallie-St. Lucie Inlet							T-13105					
Lt 57	Indian River (South Section)		27 52	11.9 366.3	80 29	07.2 196.9	NA 1927	Photo Plot	11/22/67		x		845-SC
Dybn 58	"		27 52	11.0 338.6	80 29	09.8 268.4	"	"	"		x		"
Dybn 59	"		27 51	37.2 1145.1	80 28	55.4 1517.0	"	"	"		x		"
Lt 60	"		27 51	36.0 1108.0	80 28	57.4 1570.5	"	"	"		x		"
Dybn 61	"		27 51	11.4 350.9	80 28	40.4 1105.4	"	"	"		x		"
Dybn 62	"		27 50	43.7 1345.5	80 28	26.8 735.5	"	"	11/21/67		x		"
Lt 63	"		27 50	45.5 1400.5	80 28	25.6 700.2	"	"	"		x		"
Dybn 64	"		27 50	20.1 620.0	80 28	15.9 435.1	"	"	"	—	x		"
Dybn 65	"		27 49	56.3 1735.7	80 28	02.7 73.9	"	"	"		x		"
Dybn 65A	"		27 49	09.2 283.2	80 27	41.5 1135.8	"	"	"		x		"
Dybn 66	"		27 49	32.2 991.1	80 27	54.0 1477.9	"	"	"		x		"
Lt 67	"		27 48	45.2 1391.3	80 27	30.1 825.0	"	"	"		x		"
Dybn 68	"		27 48	44.5 1369.7	80 27	32.3 884.2	"	"	"		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 36485-P66

FORM C&GS-567
(5-66)

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

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

Rockville, Md. Nov. 1, 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 R. A. Youngblood

V. Ralph Sobieralski
Chief of Party.

STATE: Florida

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	″ D.M. METERS	POSITION LONGITUDE* ° ′	″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	Intracoastal Waterway Eau Gallie-St. Lucie Inlet							T-13105					
Dybn 69	Indian River (South Section)		27 48	18.6 572.5	80 27	12.7 347.6	NA 1927	Photo Plot	11/21/67		x		845-SC
Dybn 70	"		27 47	46.8 1440.6	80 26	54.3 1486.6	"	"	"		x		"
Lt 71	"		27 47	29.0 892.6	80 26	40.5 1110.8	"	"	"		x		"
Dybn 72	"		27 47	28.6 880.3	80 26	42.6 1166.3	"	"	"		x		"
Dybn 73	"		27 47	06.0 184.7	80 26	24.4 668.0	"	"	"		x		"
Dybn 74	"		27 46	39.7 1222.0	80 26	08.2 224.5	"	"	"		x		"
Dybn 75	"		27 46	15.7 483.3	80 25	49.2 1347.2	"	"	"		x		"
Lt 76	"		27 46	10.3 316.2	80 25	48.0 1314.3	"	"	"		x		"
Dybn 77	"		27 46	9.3 286.3	80 25	41.3 1130.9	"	"	"		x		"
Lt 79	"		27 45	53.6 1650.0	80 25	12.5 342.4	"	"	"		x		"
Dybn 80	"		27 45	48.4 1489.8	80 25	10.0 273.9	"	"	"		x		"
Lt 82	"		27 45	29.7 914.5	80 24	50.0 1368.0	"	"	"		x		"

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

* TABULATE SECONDS AND METERS

USCOMM-DC 36485-P66

FORM C&GS-567
(5-66)

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

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

TO BE CHARTED
~~XXXXXXXXXXXX~~
~~XXXXXXXXXXXX~~
} STRIKE OUT TWO

Rockville, Md. Nov. 1, 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 R. A. Youngblood

V. Ralph Sobieralski
Chief of Party.

STATE Florida

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	″ D.M. METERS	POSITION LONGITUDE* ° ′	″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	*OFFSHORE CHART	CHARTS AFFECTED
	Intracoastal Waterway Eau Gallie-St. Lucie Inlet							T-13105					
Dybn 84	Indian River (South Section)		27 45	28.1 864.9	80 24	25.3 692.9	NA 1927	Photo Plot	11/21/67		x		845-SC
Lt 85	"		27 45	29.2 898.8	80 24	20.7 567.0	"	"	"		x		"
Dybn 86	"		27 45	26.0 800.3	80 24	19.4 531.3	"	"	"		x		"
Dybn 87	"		27 45	26.1 803.4	80 24	14.6 399.9	"	"	"		x		"
Dybn 88	"		27 45	21.0 646.4	80 24	13.9 380.7	"	"	"		x		"
Lt 89	"		27 45	18.3 563.3	80 24	09.3 254.7	"	"	"		x		"
Dybn 90	"		27 45	13.1 403.2	80 24	11.8 323.2	"	"	"		x		"
Dybn 91	"		27 45	00.8 24.6	80 24	09.3 254.7	"	"	"		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 36485-P66

FORM C&GS-567
(5-66)

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

NAUTICAL CHARTS

~~NONFLOATING AIDS OR~~ LANDMARKS FOR CHARTS

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

Vero Beach, Fla. Jan. 4, 1968

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

The positions given have been checked after listing by Dennis E. Dearborn

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
TANK	(obscured by trees)		27 48.5		80 27.9		N. A. 1927	T-13105	1/2/68		x		845-SC
HOUSE	NORTH GABLE Razed		27 45.1		80 23.4		"	"	"		x		1246 845-SC

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* TABULATE SECONDS AND METERS

USCOMM-DC 36485-P66

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NONFLOATING AIDS ~~AND LANDMARKS~~ FOR CHARTS

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Vero Beach, Fla. Jan. 4, 1968

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 Dennis E. Dearborn

William H. Shearouse
William H. Shearouse *Chief of Party.*

STATE	FLORIDA		POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*		LONGITUDE*		DATUM						
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS							
	INTRACOASTAL WATERWAY EAU GALLIE - ST. LUCIE INLET												
Daybn 78	INDIAN RIVER (SOUTH SECTION) (Does not exist)		27 45.9		80 25.2		N. A. 1927	T-13105	11/21/67	X			845-SC

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 36485-P66

FORM C&GS-8352
(3-28-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. ____________

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
1246	1/27/72	H.M. Schantz	Full [redacted] After Verification Review Inspection Signed Via
			Drawing No. 23 - Examined - Considered fully app'd.
			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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