

TP-00667

TP-00667

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline MappingJob No. PH-6716 Map No. TP-00667Classification No. Edition No. 1

Field Edited Map

LOCALITY

State Florida
St. Augustine to CapeGeneral Locality KennedyLocality Ponce De Leon Inlet

1973 TO 1975

REGISTRY IN ARCHIVES

DATE

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division (Norfolk) OFFICER-IN-CHARGE Jeffrey G. Carlen		SURVEY TP. <u>00667</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final(F.E.)</u> JOB PH. <u>6716</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division (Norfolk) OFFICER-IN-CHARGE Jeffrey G. Carlen		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Compilation Sept. 5, 1974 Aerotriangulation Aug. 13, 1974		Sept. 21, 1973	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE ZONE Florida East	
5. SCALE 1:20,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		<u>M. McGinley</u>	<u>no date</u>
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Coradomat</u> CHECKED BY		<u>D. Phillips</u>	<u>8/23/74</u>
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: <u>Wild B-8</u> CONTOURS BY SCALE: <u>1:30,000</u> CHECKED BY		<u>R.R. White</u> <u>L.O. Neterer</u> <u>NA</u> <u>NA</u>	<u>Dec. 1974</u> <u>Dec. 1974</u>
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: <u>Smooth ink drafting</u> CONTOURS BY CHECKED BY SCALE: <u>1:20,000</u> HYDRO SUPPORT DATA BY CHECKED BY		<u>J. Desch</u> <u>Frank Margiotta</u> <u>NA</u> <u>NA</u> <u>NA</u> <u>NA</u>	<u>12/11/74</u> <u>Dec. 1974</u>
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		<u>Frank Margiotta</u>	<u>Dec. 1974</u>
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		<u>I.K. Perkinson</u> <u>F. Margiotta</u>	<u>Feb. 1975</u> <u>Feb. 1975</u>
7. COMPILATION SECTION REVIEW BY		<u>F. Margiotta</u>	<u>Feb. 1975</u>
8. FINAL REVIEW BY		<u>Billy H. Barnes</u>	<u>Sept. 1975</u>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY			
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		<u>N. Francis</u>	<u>Oct. 2 1975</u>

TP-00667
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "L" and RC-10 "C"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE MIAMI HARB. ENTR.		(C) COLOR <input checked="" type="checkbox"/>		ZONE Eastern	<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES FL(Ponce de Leon		(P) PANCHROMATIC		MERIDIAN	<input type="checkbox"/> DAYLIGHT
<input type="checkbox"/> REFERENCE STATION RECORDS Inlet, FL)		(I) INFRARED <input checked="" type="checkbox"/>		75th	
<input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY					
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 73C(C)5236(I) - 5238(I)	10/26/73	09:40	1:60,000	2.8 ft. above MLW	
** 73L(C)9326(I) - 9334(I)	11/14/73	12:10	1:30,000	± 0.2 ft. of MHW	
** 73L(C)9239(I) - 9247(I)	11/9/73	12:35	1:30,000	± 0.2 ft. of MLW	

REMARKS * Bridge and compilation photos
** Tide coordinated photography at MHW and MLW

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from the above listed tide coordinated infrared photography.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

The mean low water line was compiled from the above listed tide coordinated infrared photography.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH TP-00666	EAST No Survey	SOUTH TP-00668	WEST No Survey
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REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-00667

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	D.M.F.	Sept. 1973
2. HORIZONTAL CONTROL	RECOVERED BY D.M.F. ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY D.M.F.	Sept. 1973
3. VERTICAL CONTROL	RECOVERED BY NA ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None LOCATED (Field Methods) BY None IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
73C(C)5236(I)	ROSE RM4, 1949		

3. PHOTO NUMBERS (Clarification of details)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

3.b.

NOAA FORM 76-36C
(3-72)

TP-00667

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	L.F. Beugnet	Jan. 1975
2. HORIZONTAL CONTROL	RECOVERED BY L.F. Beugnet	Jan. 1975
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY NA	
	LOCATED (Field Methods) BY NA	
	IDENTIFIED BY NA	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY L.F. Beugnet	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

NA

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

73L(C)(I) 9240, 9243 and 9248

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

NA

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☐ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☐ NONE

7. SUPPLEMENTAL MAPS AND PLANS

NA

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

Field edit ozalid
2 - Form 76-40NOAA FORM 76-36C
(3-72)

★ U. S. GOVERNMENT PRINTING OFFICE: 1973--768074/1057 REGION NO. 6

NOAA FORM 76-36D
(3-72)TP-00667
RECORD OF SURVEY USEU. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	12/10/74	Class III Manuscript Superseded	1/10/75	1/10/75
Field edit applied Compilation complete	2/6/75	Class I Manuscript Superseded	3/3/75	
Final Review	Sept. 1975		9/23/75	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
3		2/26/75	Ldmks for charting
1		2/26/75	Ldmk for deletion
1		2/26/75	Aids for charting

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Feb. 26, 1975
 3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☐ BRIDGING PHOTOGRAPHS; ☐ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.
 2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
 3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS:
 4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

Revised 11-19-73

5

JOB PH-6716 FLORIDA

St. Augustine to Cape Kennedy
Shoreline Mapping

1:10,000 Scale
1:20,000 SCALE

Official Mileage for Cost Accounts

Sheet No.

Sq. Mi.

Sheet No.

Sq. Mi.

TP-00103
TP-00104
TP-00105
TP-00106
TP-00107
TP-00108
TP-00109
TP-00110
TP-00111
TP-00112

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TP-00113
TP-00114
TP-00115
TP-00116
TP-00117
TP-00118
TP-00119
TP-00120
TP-00121
TP-00122

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4

TP-00103 through TP-00115 are coastal boundary maps.
TP-00116 through TP-00122 are shoreline surveys for
SCCPR (Southern Coastal Plains Expedition).

PH-6716

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT TP- 00667

This 1:20,000 scale shoreline manuscript is one of seven maps which comprise Project PH-6716, St. Augustine to Cape Kennedy, Florida. This is the southernmost project in the Southern Coastal Plains Expedition, SCOPE.

Field work consisted of premarking horizontal control for bridging.

Aerotriangulation was done in two parts in the Rockville Office in 1974 using 1:60,000 scale color infrared photography. This sheet is in Part II.

Compilation was done at the Atlantic Marine Center in December, 1974 on the Wild B-8 Plotter using the bridging photography dated Oct. 1973. Compilation on the plotter consisted of delineating inshore features and dropping shoreline pass points that ~~were~~^{were} common to the Nov. 1974, 1:30,000 scale, tide controlled photography. The 1:30,000 scale photography was ratioed and used to delineate the mean high water and mean low water lines.

Field edit was done in January, 1975.

Final review was done at the Atlantic Marine Center in September, 1975.

The original manuscript is a stabilene sheet 10 minutes in latitude and 10 minutes in longitude.

A stable base copy and a negative of the final reviewed manuscript were forwarded for record and registry.

PHOTOGRAMMETRIC PLOT REPORT

Job PH-6716

St. Augustine to Cape Kennedy Parts I and II
Florida21. Area Covered

This project covers the shoreline from just north of St. Augustine to the northern portion of Mosquito Lagoon. Included are seven T-sheets (TP-00662 thru TP-00668). All sheets are 1:20,000 scale.

22. Method

Two strips of 1:60,000 scale color IR photography (parts I and II) were bridged on the Wild STK-1 in order to obtain pass point positions and exact scale ratios to be used during compilation.

Part I was adjusted on five field identified triangulation stations with five additional office identified stations and two tie points from CM-7306 as checks. Part II was also adjusted on five field identified triangulation with three office identified stations and three tie points from Part I as checks. Both adjustments were performed on the IBM 6600. All sheets were ruled and plotted on the Coradomat.

1:20,000 scale ratios were ordered.

The horizontal control utilized in the adjustments held within National Map Accuracy.

Control station Pardon 1934 was not used in the adjustment of Part II. The station was paneled direct in an extremely small opening in a tree area and could not be identified on the 1:60,000 scale bridging photography. The substitute station for Shiloh 1934 was also placed in a tree area. Only the target and one of the two legs were visible on the photography due to trees.

24. Supplemental Data

Vertical control for bridging only was obtained from local USGS quads.

25. Photography

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

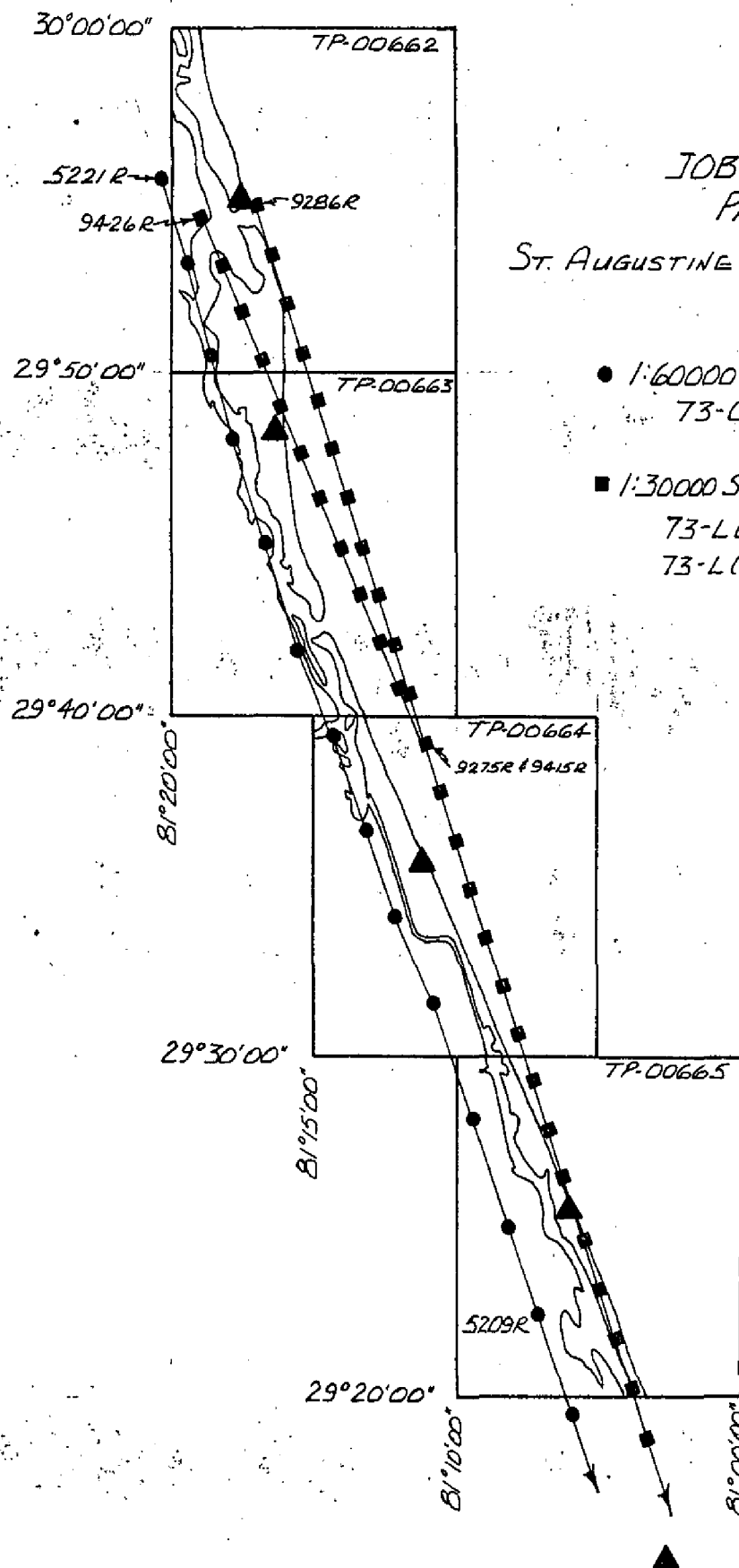
Submitted by:

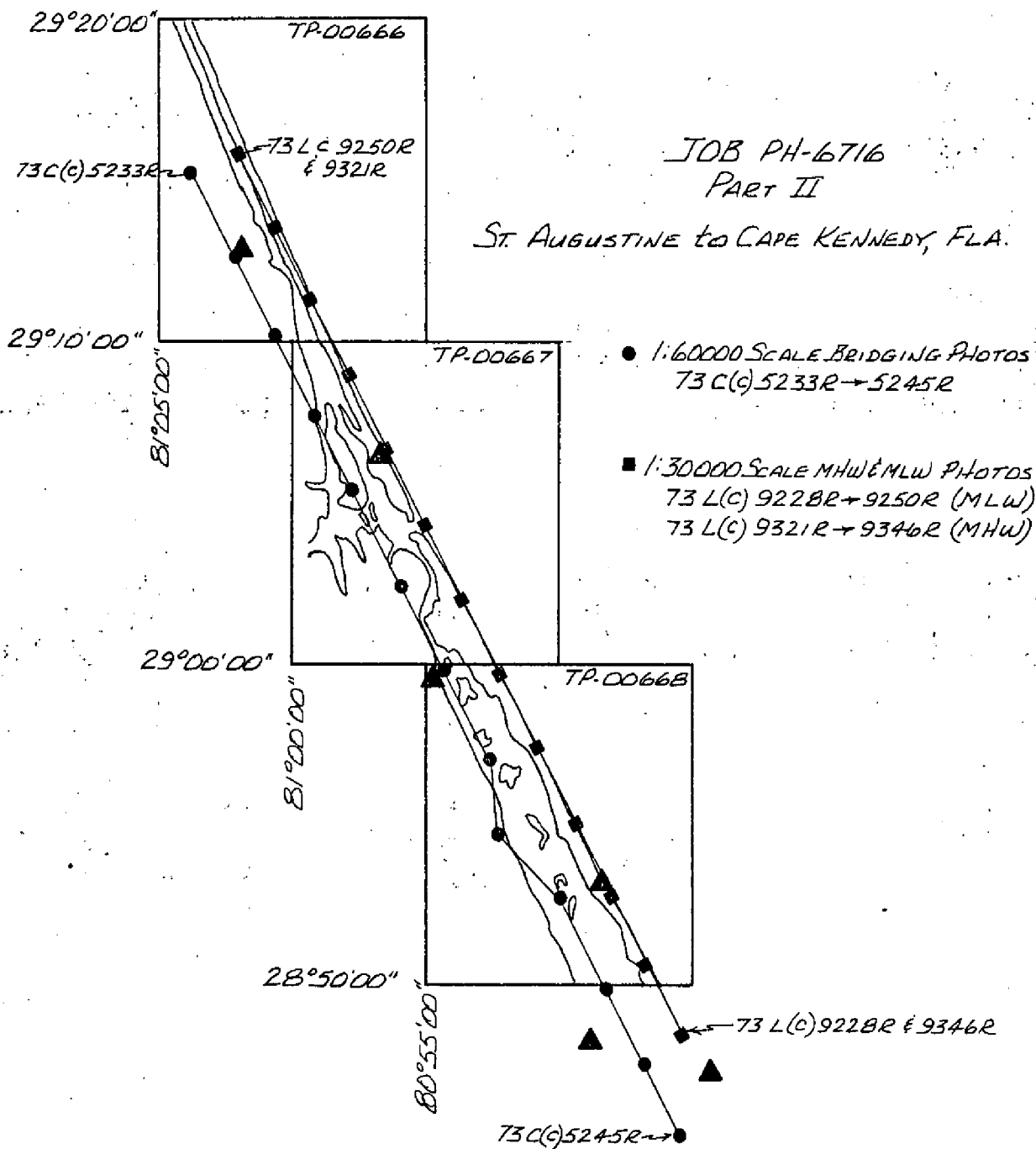
Michael L. McGinley
Michael L. McGinley

August 6, 1974

Approved by:

John D. Perrow Jr.
John D. Perrow, Jr.
Chief, Aerotriangulation Section





DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS
					STATE ZONE	FLORIDA East	ϕ LATITUDE	λ LONGITUDE	
TP-00667	PH-6716	PONCE DE LEON INLET LIGHTHOUSE CENTER, 1934	G.P. Vol I Pg. 190		X=		ϕ 29° 04'	49.305"	
					Y=		λ 80° 55'	41.809"	
GIMLET, 1956	Bridge Form 164 Pg. 4				X=		ϕ 29° 03'	59.4407	
					Y=		λ 80° 54'	48.4884	
HILL, 2, 1940	G.P. Vol I Pg. 146				X=		ϕ 29° 00'	56.413"	
					Y=		λ 80° 52'	59.346"	
NEW SMYRNA, BLACK WATER TANK, FINIAL, 1934	G.P. Vol I Pg. 176				X=		ϕ 29° 00'	40.569"	
					Y=		λ 80° 55'	29.417"	
NEW SMYRNA, MUNICIPAL WATER TANK, CENTER, 1934	G.P. Vol I Pg. 190				X=		ϕ 29° 01'	04.558"	
					Y=		λ 80° 55'	21.139	
NEW SMYRNA BEACH MUNICIPAL WATER TANK, 1956	Bridge Form 164 Pg. 4				X=	524, 744.43	ϕ		
					Y=	1, 706, 023.78	λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
COMPUTED BY	A.C. Rauck, Jr.				COMPUTATION CHECKED BY				DATE
					L.O. Meterer, Jr.				Sept. 1974
LISTED BY					LISTING CHECKED BY				DATE
HAND PLOTTING BY					HAND PLOTTING CHECKED BY				DATE

COMPILATION REPORT

TP-00667

31. DELINEATION

Delineation was by the Wild B-8 stereoplotter. Photography was adequate.

32. CONTROL

See the attached "Photogrammetric Plot Report," dated: Not dated

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

The mean high water line and mean low water line was delineated from the tide coordinated photographs.

36. OFFSHORE DETAILS

No statement

37. LANDMARKS AND AIDS

Copies of Form 76-40 for 1 non-floating aids to navigation, 1 deleted Landmark and 3 landmarks to be charted, were forwarded to the Rockville, MD office on Feb. 24, 1975.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

See the attached Form 76-36b, Item #5 of the Descriptive Report, concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Geological Survey Quadrangles: DAYTONA BEACH, FL, dated 1952, photorevised 1970; PORT ORANGE, FL, and NEW SMYRNA BEACH, FL, all at 1:24,000 scale, dated 1956, and photorevised 1970.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey charts: 843SC, scale 1:40,000, 11th edition, dated Aug. 25, 1973 and 1244, scale 1:80,000, 6th edition, dated Aug. 4, 1973, 1245, scale 1:80,000, 9th edition, dated May 26, 1973.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Joanne Desch

Joanne Desch

Cartographic Aid, December 11, 1974

Approved:

Albert C. Rauck, Jr.

Albert C. Rauck, Jr.

Chief, Coastal Mapping Section, AMC

15 August 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6716 (St. Augustine to Cape Canaveral, Florida)

TP-00667

Atlantic Ocean

Halifax Estates

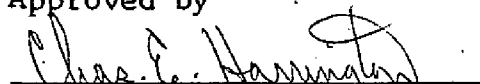
New Smyrna Beach

Ponce de Leon Inlet

Ponce Inlet

Wilbur-by-the-Sea

Approved by

Chas. E. Harrington
Staff Geographer-C51x2

NOAA FORM 75-74
(2-74)U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL OCEAN SURVEY

PHOTOGRAMMETRIC OFFICE REVIEW

TP-00667

1. PROJECTION AND GRIDS FPM	2. TITLE FPM	3. MANUSCRIPT NUMBERS FPM	4. MANUSCRIPT SIZE FPM
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY FPM	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA		7. PHOTO HYDRO STATIONS NA
8. BENCH MARKS NA	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT FPM	11. DETAIL POINTS FPM
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE FPM	13. LOW-WATER LINE FPM	14. ROCKS, SHOALS, ETC. FPM	15. BRIDGES FPM
16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES FPM	19. OTHER ALONGSHORE CULTURAL FEATURES FPM
PHYSICAL FEATURES			
20. WATER FEATURES FPM	21. NATURAL GROUND COVER NA		22. PLANETABLE CONTOURS NA
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES FPM
CULTURAL FEATURES			
27. ROADS FPM	28. BUILDINGS FPM	29. RAILROADS FPM	30. OTHER CULTURAL FEATURES FPM
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES FPM	34. JUNCTIONS		35. LEGIBILITY OF THE MANUSCRIPT FPM
36. DISCREPANCY OVERLAY FPM	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS FPM
40. REVIEWER F. Margiotta Dec. 1974		SUPERVISOR, REVIEW SECTION OR UNIT A.C. Rauck, Jr.	
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER Irene K. Perkinson		SUPERVISOR	
Reviewer: Frank P. Margiotta		A.C. Rauck, Jr.	
43. REMARKS Field Edit applied from Field Edit ozalid, form 76-407 photos: 73L(C)9240; 73L(C)9243 and 73L(C)9247			

FIELD EDIT REPORT
PH-6716
St. Augustine to Cape Kennedy
Map Manuscripts TP-00662 thru TP-00668

51. METHODS

Field edit of these manuscripts was accomplished by driving the road paralleling the coast or by driving the open beaches. All field edit deletions, additions or corrections have been noted on the field edit ozalids or photographs. Field edit information appears on photographs 73-L(R)-9238, 73-L(R)-9243, 73-L(R)-9248, 73-L(R)-9253 and 73-L(R)-9273.

52. ADEQUACY OF COMPILATION

There was no field inspection prior to compilation. The compilation was adequate considering the type of photography used for that purpose. The black and white prints made from the infra-red color photography, and provided for field edit purposes, lack sharp image definition and are of poor tone in the land areas of the manuscripts.

53. MAP ACCURACY

No accuracy test were made.

54. RECOMMENDATIONS

None

55. EXAMINATION OF PROOF COPY

Due to the limited extent of compilation no examination of a proof copy was made.

Submitted by

Leo F. Beugnet

Leo F. Beugnet
Supervisory Cartographer
17 January 1975

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	J. F. Beugnet
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	J. Dasch
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
OFFICE 1. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 1-10-76 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

TYPE OF ACTION		RESPONSIBLE PERSONNEL	
		NAME	ORIGINATOR
OBJECTS INSPECTED FROM SEAWARD			<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED		L.F. Beugnet J. Desch	FIELD ACTIVITY REPRESENTATIVE OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES			<input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'			
(Consult Photogrammetric Instructions No. 64.)			
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75		FIELD (Cont'd) B. Photogrammetric field positions* require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982	
FIELD II. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75		III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 *PHOTOGAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.	
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods..			

REVIEW REPORT TP-00667

SHORELINE

September, 1975

61. GENERAL STATEMENT:

See Summary which is page six of this Descriptive Report.

A copy of the comparison print is included with original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with T-9912, dated Dec. 1956, scale 1:20,000 and T-9913, dated 1957, scale 1:20,000. Significant differences are shown in blue on the comparison print. In the area covered TP-00667 supersedes T-9912 and T-9913 for nautical chart construction purposes. T-9912 and T-9913 are the latest registered prior surveys of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangles: PORT ORANGE, FL and NEW SMYRNA BEACH, FL, dated 1956 (Photo-revised 1970) scale 1:24,000. Significant differences are noted in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were available for comparison.

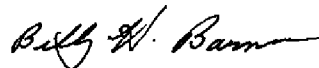
65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with NOS chart 1244, 6th edition, dated 1973, scale 1:80,000 and 11485, 12th edition, dated 1974, scale 1:40,000. Significant differences are shown in red on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This shoreline map complies with Project Instructions, meets Bureau requirements and the National Standards of Map Accuracy.

Reviewed by:



Billy H. Barnes
Cartographer
Sept., 1975

Approved for forwarding:



Victor E. Serena
Chief, Photogrammetric Branch

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Div.

x = 510,000 FT

81° 58'

TP-00667
1:10,000

81° 57'

x = 520,000

29° 10'

21.

Bkhd

VK ○
139(151)

STEEPLE
ht = 83(92)

A1A

Halifax Estates

Pier in ruins

Pier

Pier displacements resulting from
scale differences with chart & quad

29° 09'

29° 08'

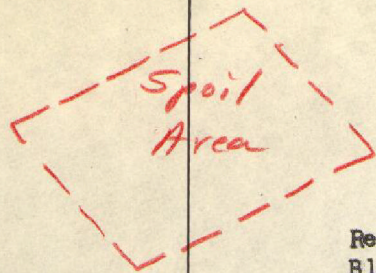
Wilbur-by-the-Sea

81° 58'

sand

TP-00667
1:10,000

20



COMPARISON PRINT

Red= Chart 11485
Blue= T-9912 and T-9913
Brown= USGS

29°05'

ON INLET,
(Abandoned)

Rock Jetty
ruins

Ponce de Leon Inlet

Rock Jetty

Jetty displacement
results from scale difference
with chart



29°04'

PONCE DE LEON INLET
APPROACH LIGHT

GIMLET, 1956

155°18'

81°54'