

TP-00662

TP-00662

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey Shoreline Mapping

Job No. PH-6716 Map No. TP-00662

Classification No. Edition No. 1

Field Edited Map

LOCALITY

State Florida

General Locality St. Augustine to
Cape Kennedy

Locality St. Augustine Inlet

19 73 TO 19 75

REGISTRY IN ARCHIVES

DATE

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

TYPE OF SURVEY

SURVEY TP. 00662

DESCRIPTIVE REPORT - DATA RECORD

☒ ORIGINALMAP EDITION NO. (1)☐ RESURVEYMAP CLASS Final (F.E.)☐ REVISEDJOB PH. 6716

PHOTOGRAMMETRIC OFFICE

Coastal Mapping Division (Norfolk, VA)

OFFICER-IN-CHARGE

Jeffrey G. Carlen, CDR.

LAST PRECEDING MAP EDITION

TYPE OF SURVEY

JOB PH.☐ ORIGINALMAP CLASS ☐ RESURVEY

SURVEY DATES:

☐ REVISED19 TO 19

I. INSTRUCTIONS DATED

1. OFFICE

2. FIELD

Compilation Sept. 5, 1974

September 21, 1973

Aerotriangulation Aug. 13, 1974

II. DATUMS

1. HORIZONTAL:

☒ 1927 NORTH-AMERICAN

OTHER (Specify)

2. VERTICAL:

☒ MEAN HIGH-WATER
☐ MEAN LOW-WATER
☐ MEAN LOWER LOW-WATER
☐ MEAN SEA LEVEL

OTHER (Specify)

3. MAP PROJECTION

Polyconic

4. GRID(S)

STATE

Florida

ZONE

East

5. SCALE

1:20,000

STATE

ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: <u>Analytic</u>	BY LANDMARKS AND AIDS BY	<u>M. McGinley</u>	<u>No date</u>
2. CONTROL AND BRIDGE POINTS METHOD: <u>Coradomat</u>	PLOTTED BY CHECKED BY	<u>D. Phillips</u>	<u>8/23/74</u>
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY CHECKED BY	<u>L.O. Neterer, Jr.</u>	<u>Nov. 1974</u>
INSTRUMENT: <u>Wild B-8</u>	CONTOURS BY	<u>R.R. White</u>	<u>Nov. 1974</u>
SCALE: <u>1:30,000</u>	CHECKED BY	<u>NA</u>	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY CHECKED BY	<u>C.E. Blood</u>	<u>Dec. 1974</u>
METHOD: <u>Smooth ink drafting</u>	CONTOURS BY CHECKED BY	<u>F. Margiotta</u>	<u>Dec. 1974</u>
SCALE: <u>1:20,000</u>	HYDRO SUPPORT DATA BY CHECKED BY	<u>NA</u>	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	<u>F. Margiotta</u>	<u>Jan. 1975</u>
6. APPLICATION OF FIELD EDIT DATA	BY	<u>I.K. Perkinson</u>	<u>Jan. 1975</u>
7. COMPILATION SECTION REVIEW	BY	<u>F. Margiotta</u>	<u>Jan. 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>

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00662
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 8 "L" and RC 10 "C"		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR X (P) PANCHROMATIC (I) INFRARED X		TIME REFERENCE	
TIDE STAGE REFERENCE MAYPORT, FLORIDA <input checked="" type="checkbox"/> PREDICTED TIDES (St. Augustine Inlet) <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				ZONE Eastern MERIDIAN 75th	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
** 73C(C) 4340(I) - 4342(I)	10/2/73	13:24	1:60,000	+ 0.2 ft. of MHW	
** 74C(C) 8973(I) - 8974(I)	4/6/74	15:12	1:60,000	+ 0.2 ft. of MLW	
** 73L(C) 9422(I) - 9426(I)	11/15/73	10:00	1:30,000	+ 0.2 ft. of MHW	
** 73L(C) 9282(I) - 9286(I)	11/9/73	12:55	1:30,000	+ 0.2 ft. of MLW	
* 73C(C)(I) 5219 & 5220	10/25/73	14:40	1:60,000	0.8 ft. above MLW	
* 73C(C)(I) 5143 - 5145	10/25/73	10:26	1:60,000	2.9 ft. above MLW	

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

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean highwater 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	EAST	SOUTH	WEST
CM-7306 TP-00661	No Survey	TP-00663	No Survey

REMARKS

TP-00662

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.S. Tibbetts	Sept. 1973
2. HORIZONTAL CONTROL	RECOVERED BY None ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	
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 none	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

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)

3.6.4

TP-00662
HISTORY OF FIELD OPERATIONSI. ☐ 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 <input checked="" type="checkbox"/> NO INVESTIGATION	BY NA
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY NA	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER

STATION NAME

PHOTO NUMBER

STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

None

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

Field Edit Ozalid

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

Field edit report

2 - Form 76-40

4 - Form 76-96

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00662
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	Dec. 1974	Class III Manuscript Superseded	1/10/75	1/10/75
Field edit applied compilation complete	Jan. 1975	Class I	3/3/75	
Final Review	Sept. 1975		Sept. 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
2		2/26/75	Aids for charting
1		2/26/75	Landmarks for charting

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Feb. 26, 19753. ☐ 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

JOB PH-6716

FLORIDA

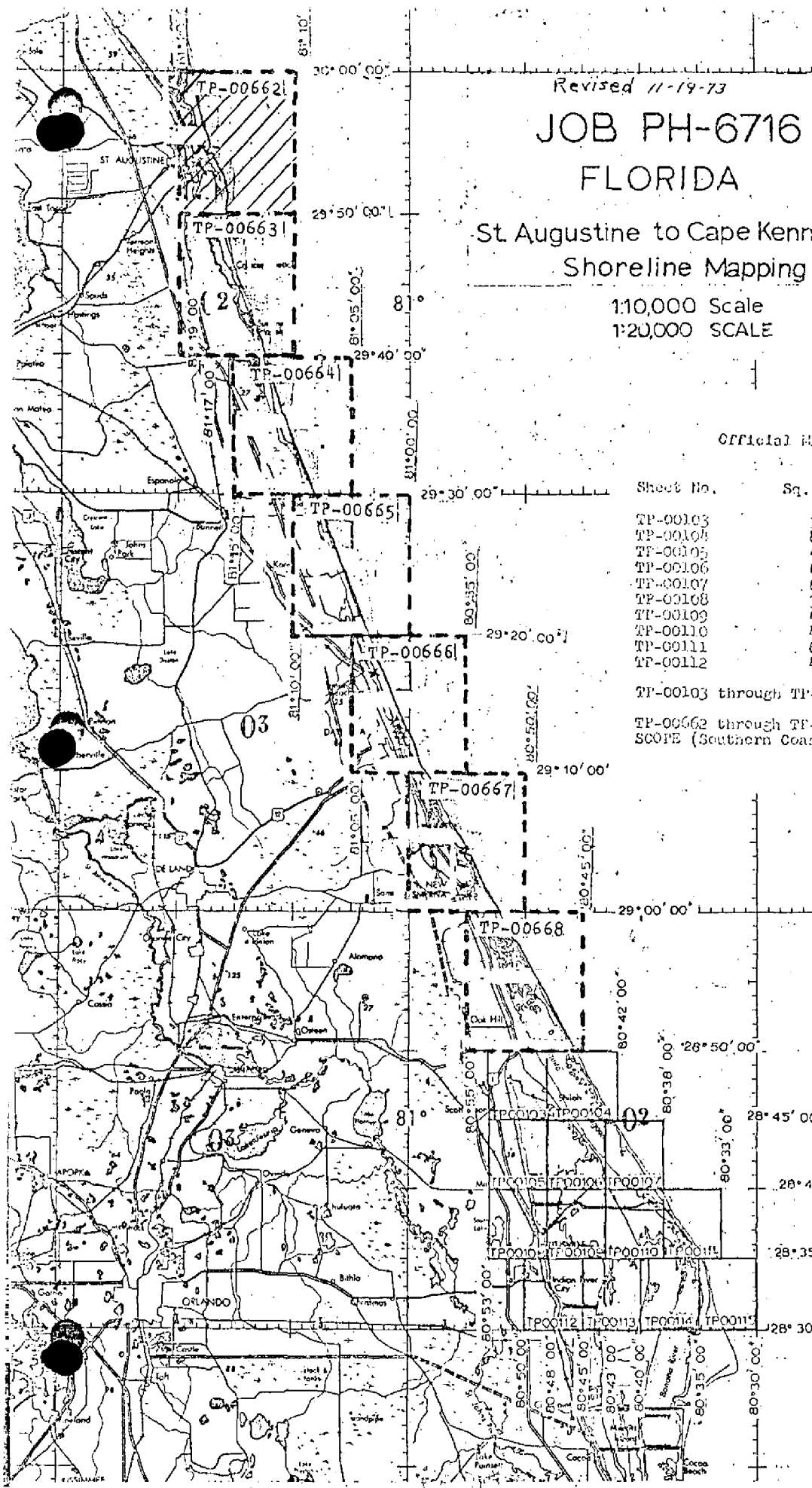
St. Augustine to Cape Kennedy
Shoreline Mapping

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

Official Mileage for Cost Accounts

Sheet No.	Sq. Mi.	Sheet No.	Sq.
TP-00103	5	TP-00113	
TP-00104	8	TP-00114	
TP-00105	4	TP-00115	
TP-00106	6	TP-00662	
TP-00107	6	TP-00663	
TP-00108	3	TP-00664	
TP-00109	4	TP-00665	
TP-00110	4	TP-00666	
TP-00111	6	TP-00667	
TP-00112	4	TP-00668	

TP-00103 through TP-00115 are coastal boundary map
TP-00662 through TP-00668 are shoreline surveys for
SCOPE (Southern Coastal Plains Expedition).



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT TP-006⁶²

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 I.

Compilation was done at the Atlantic Marine Center in November, 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 ~~was~~ 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
Florida

21. 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

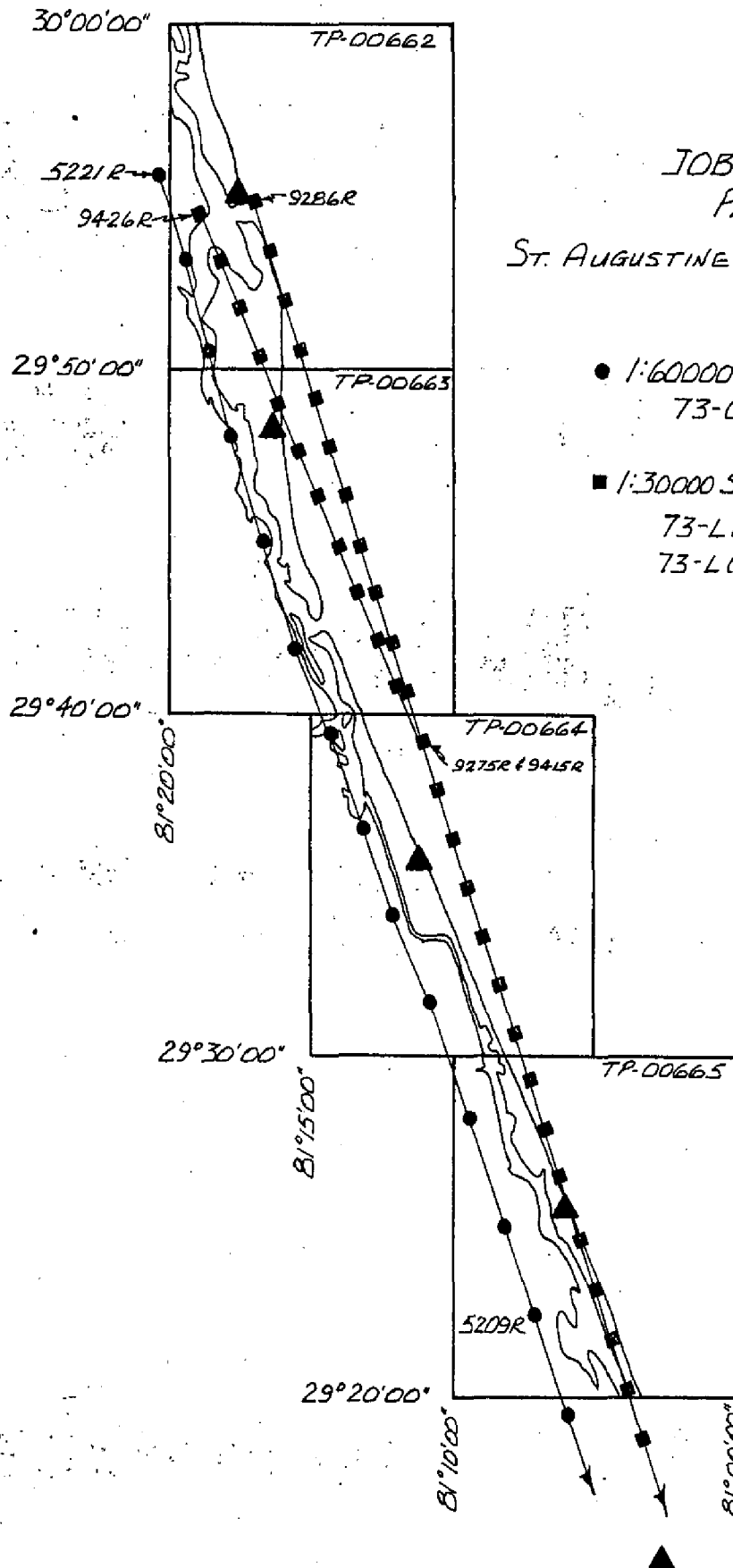
Vertical control for bridging only was obtained from local USGS quads.

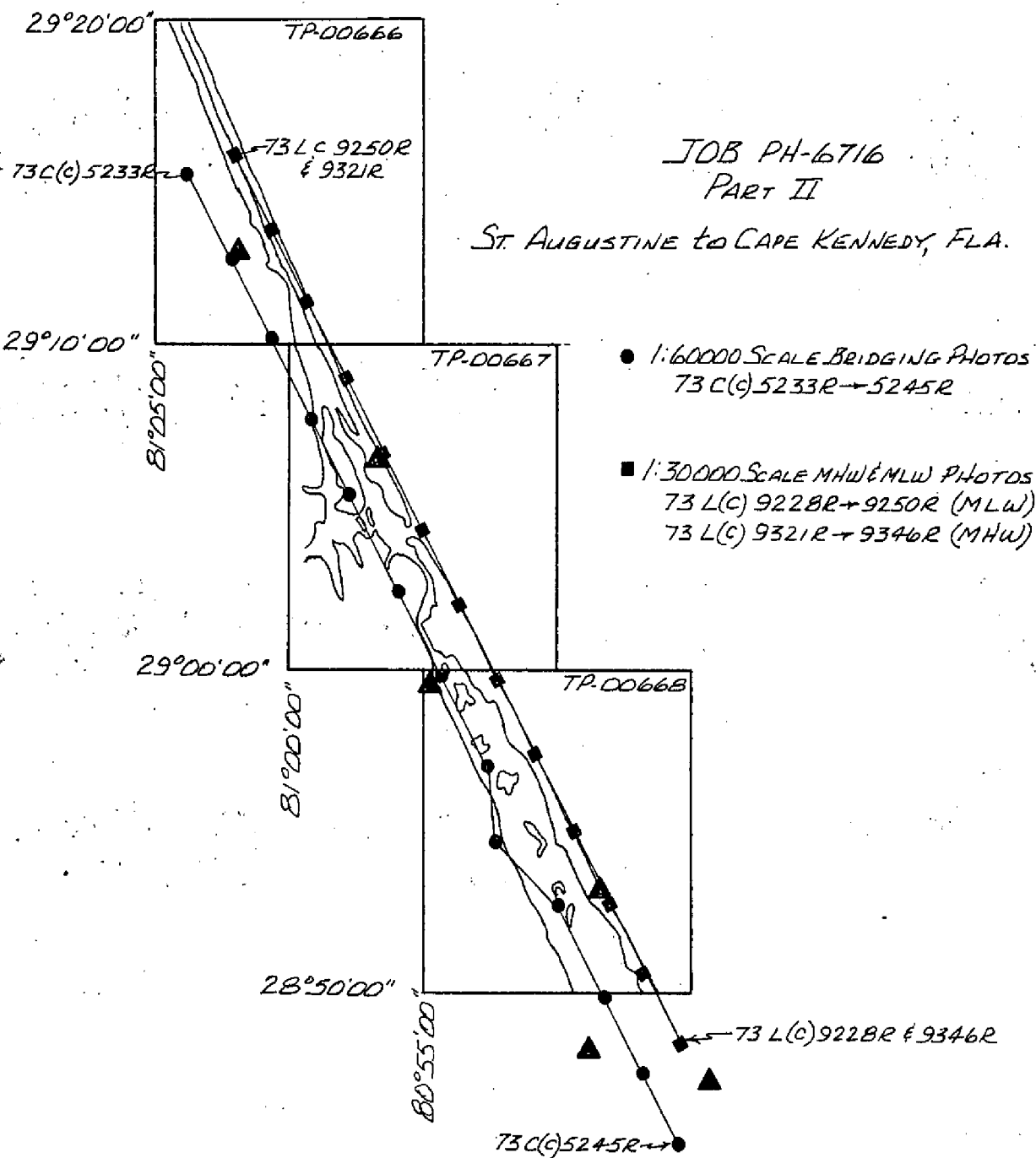
25. Photography

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

Submitted by:
Michael L. McGinley
Michael L. McGinley
6 August 1974

Approved by:
John D. Perrow Jr.
John D. Perrow, Jr.
Chief, Aerotriangulation Section





DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODEIC DATUM		ORIGINATING ACTIVITY		
STATION NAME		SOURCE OF INFORMATION (Index)		COORDINATES IN FEET STATE FLORIDA ZONE East		GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE		REMARKS
				AEROTRI- ANGULATION POINT NUMBER				
TP-00662	PH-6716					X=	φ	
						Y=	λ	
VILANO, 1933	G.P. Vol. I Pg. 4					X=	φ 29° 54' 59.136"	
						Y=	λ 81° 17' 32.258"	
ST. AUGUSTINE LIGHTHOUSE, 1882	G.P. Vol. I Pg. 20					X=	φ 29° 53' 06.715"	
						Y=	λ 81° 17' 19.449"	
ST. AUGUSTINE, FLAGLER ME- MORIAL HOSPITAL STACK, 1933	G.P. Vol. I Pg. 22					X=	φ 29° 53' 23.83"	
						Y=	λ 81° 18' 48.68"	
ST. AUGUSTINE, FIRST NA- TIONAL BANK, DOME, 1933	G.P. Vol. I Pg. 21					X=	φ 29° 53' 33.547"	
						Y=	λ 81° 18' 44.457"	
NAVAL RESERVE WATER TANK, 1933	G.P. Vol. I Pg. 23					X=	φ 29° 53' 04.68"	
						Y=	λ 81° 17' 14.52"	
ST. AUGUSTINE, PONCE DE LEON HOTEL. E. CUPOLA, 1933	G.P. Vol. I Pg. 22					X=	φ 29° 53' 32.887"	
						Y=	λ 81° 18' 53.220"	
ST. AUGUSTINE, PONCE DE LEON HOTEL, W. CUPOLA, 1933	G.P. Vol. I Pg. 22					X=	φ 29° 53' 32.436"	
						Y=	λ 81° 18' 54.962"	
ST. AUGUSTINE, PONCE DE LEON HOTEL, POWER HOUSE STACK, 1933	G.P. Vol. I Pg. 22					X=	φ 29° 53' 35.551"	
						Y=	λ 81° 18' 55.855"	
ST. AUGUSTINE, CATHOLIC CHURCH CROSS, 1933	G.P. Vol. I Pg. 21					X=	φ 29° 53' 33.292"	
						Y=	λ 81° 18' 45.912"	
COMPUTED BY A.C. Reuck, Jr.		DATE 9/4/74	COMPUTATION CHECKED BY L.O. Neterer, Jr.	DATE 9/10/74				
LISTED BY		DATE	LISTING CHECKED BY	DATE				
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY	DATE				

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM		ORIGINATING ACTIVITY	
					COORDINATES IN FEET STATE <u>Florida</u> ZONE <u>Ebst</u>	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	REMARKS	
TP-00662	PH-6716	ST. AUGUSTINE, GRACE M.E. CHURCH, BELFRY, 1933	G.P. Vol. I Pg. 22		X=	ϕ 29° 53' 41.019"		
					Y=	λ 81° 18' 54.776"		
		ST. AUGUSTINE, FLORIDA PO- WER AND LIGHT CO., STACK, 1933	G.P. Vol. I Pg. 22		X=	ϕ 29° 53' 19.744"		
					Y=	λ 81° 19' 08.088"		
		ST. AUGUSTINE, FLAGLER MEMORIAL CHURCH FINIAL, 1933	G.P. Vol. I Pg. 22		X=	ϕ 29° 53' 36.738"		
					Y=	λ 81° 19' 01.331"		
		WEST AUGUSTINE MUNICIPAL WATER TANK, 1933	PC-7 GP-23		X=	395,197.190		
					Y=	2,020,386.730		
					X=	ϕ		
					Y=	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.				DATE 9/4/74	COMPUTATION CHECKED BY L.O. Neterer, Jr.			DATE 9/10/74
LISTED BY				DATE	LISTING CHECKED BY			DATE
HAND PLOTTING BY				DATE	HAND PLOTTING CHECKED BY			DATE

COMPILATION REPORT

TP-00662

31. DELINEATION

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

32. CONTROL

See the attached "Photogrammetric Plot Report."

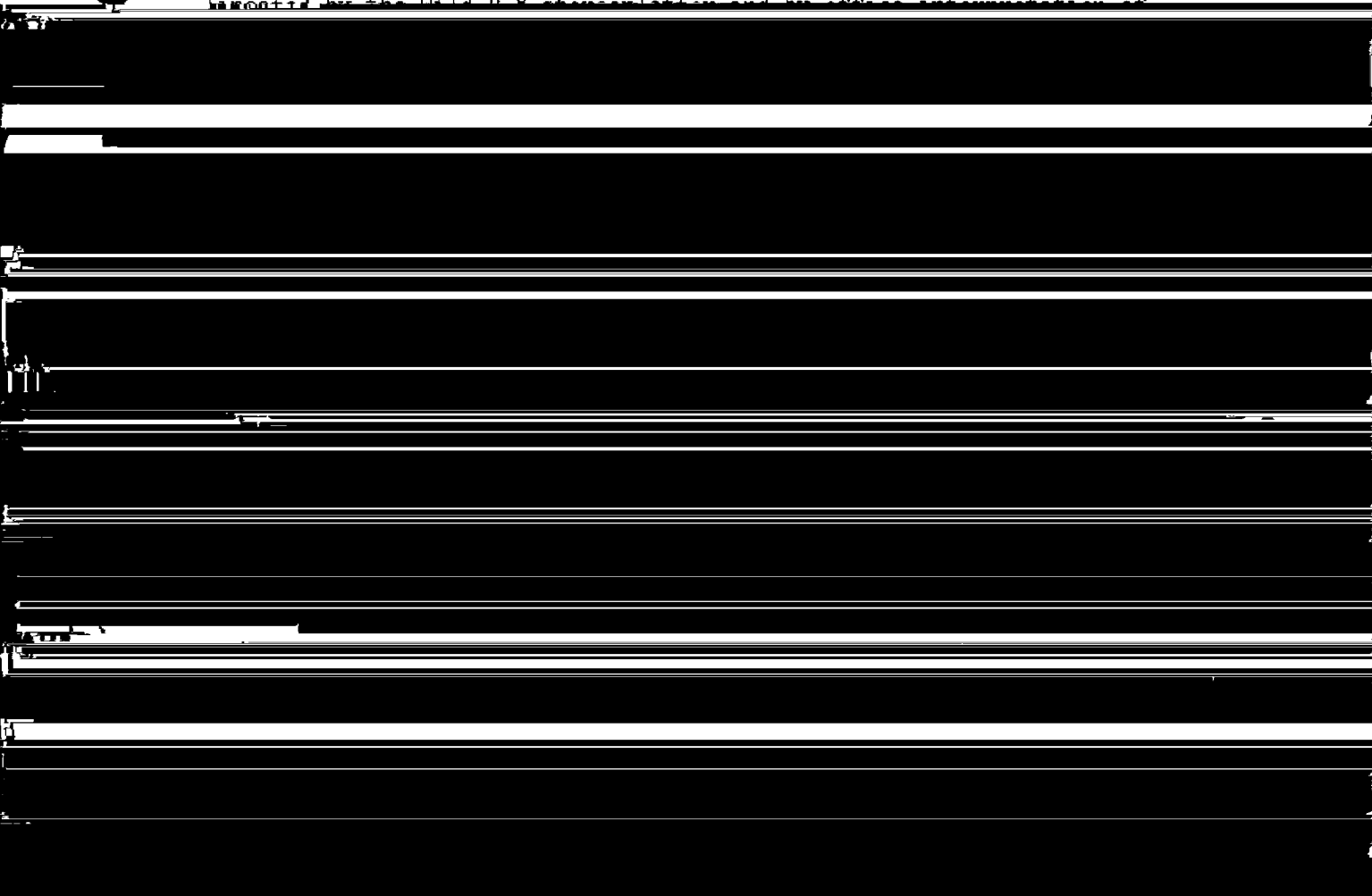
33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was de-

~~termined by the Wild B-8 stereoplotter and its accompanying information.~~



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: ST. AUGUSTINE BEACH, FL, scale 1:24,000, dated 1956 and photorevised 1970, and ST. AUGUSTINE, FL, scale 1:24,000, dated 1956 and photorevised 1970.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey charts: 843 SC, scale 1:40,000, 11th edition, dated Aug. 25, 1973; 1243, scale 1:80,000 10th edition, dated Jan. 27, 1973; 1244, scale 1:80,000, 6th edition, dated Aug. 4, 1973.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Charles E. Blood
Charles E. Blood
Cartographic Technician
Dec., 1974

Approved:

Albert C. Rauck Jr.
Albert C. Rauck, Jr.
Chief, Coastal Mapping Section, AMC

ADDENDUM TO THE COMPILATION REPORT

TP-00662

FIELD EDIT

Field edit was adequate.

Field edit report submitted 17 Jan. 1975.

15 August 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00662

Anastazia Island

Anastasia State Park

Atlantic Ocean

Bird Island

Conch Island

Coquina Gables

St. Augustine Beach

St. Augustine Inlet

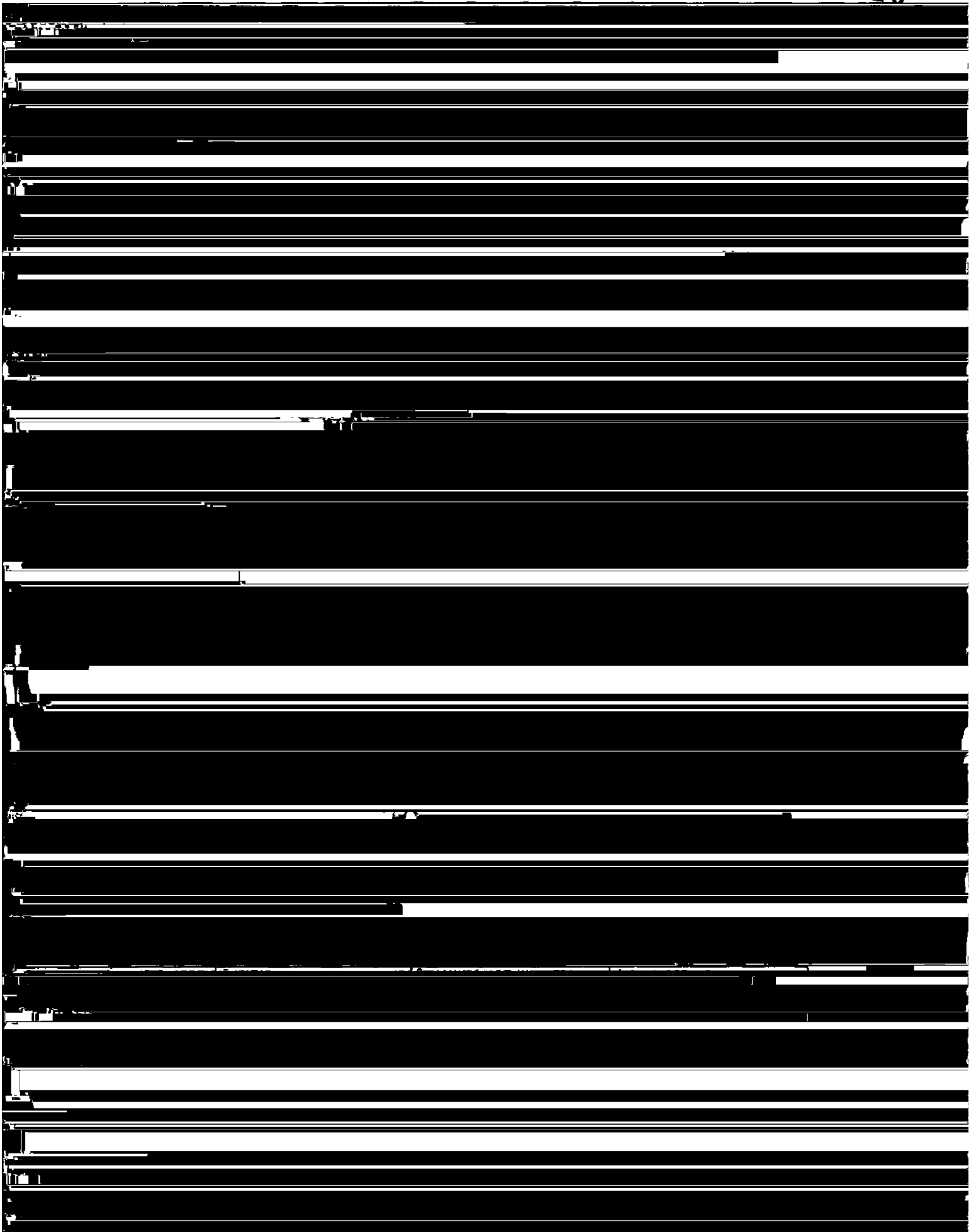
Usina Beach

Vilano Beach

Vilano Point

Approved by

Chas. E. Harrington
Staff Geographer-C51x2



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.

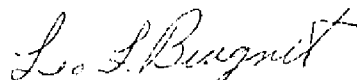
54. RECOMMENDATIONS

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
Supervisory Cartographer
17 January 1975

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	F. Beugnet
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	C. Blood
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
OFFICE	FIELD (Cont'd)
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	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 of aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 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.	

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
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	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	OFFICE ACTIVITY REPRESENTATIVE <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 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 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 **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.	

REVIEW REPORT TP-00662

SHORELINE

September, 1975

61. GENERAL STATEMENT:

See Summary which is page six of the Descriptive Report.

A comparison print showing differences noted in paragraphs 62 through 65 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with T-9904 and T-9905, dated 1957, scale 1:20,000. The inlet between Conch Island and Bird Island has closed since 1957. Significant differences are noted in blue on the comparison print. In the area covered, TP-00662 supersedes T-9904 and T-9905 for nautical chart construction purposes. T-9904 and T-9905 are the latest registered prior surveys of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with U.S.G.S. Quadrangles ST. AUGUSTINE, FL, ST. AUGUSTINE BEACH, FL and MATANZAS INLET, FL, scale 1:24,000, dated 1956 (Photo-revised 1970). Significant differences are noted on the discrepancy print in brown.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic survey is available.

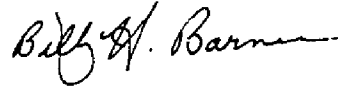
65. COMPARISON WITH NAUTICAL CHARTS:

The area covered by this map is within the limits of NOS Charts 1243, scale 1:80,000, 10th edition, dated Jan., 1973; 1244, scale 1:80,000, 6th edition, dated Aug., 1973; and 11485, scale 1:40,000, 12th edition, dated Aug., 1974. Significant differences are shown in red on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

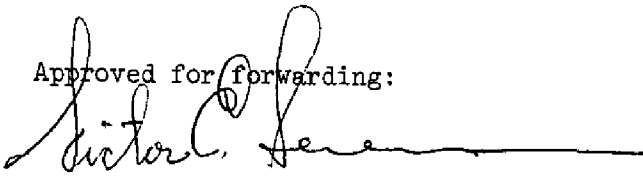
This map complies with Project Instructions, meets Bureau requirements and the National Standards of Map Accuracy.

Reviewed by:



Billy H. Barnes
Cartographer
September, 1975

Approved for forwarding:



Victor E. Serena
Chief, Photogrammetric Branch, AMC

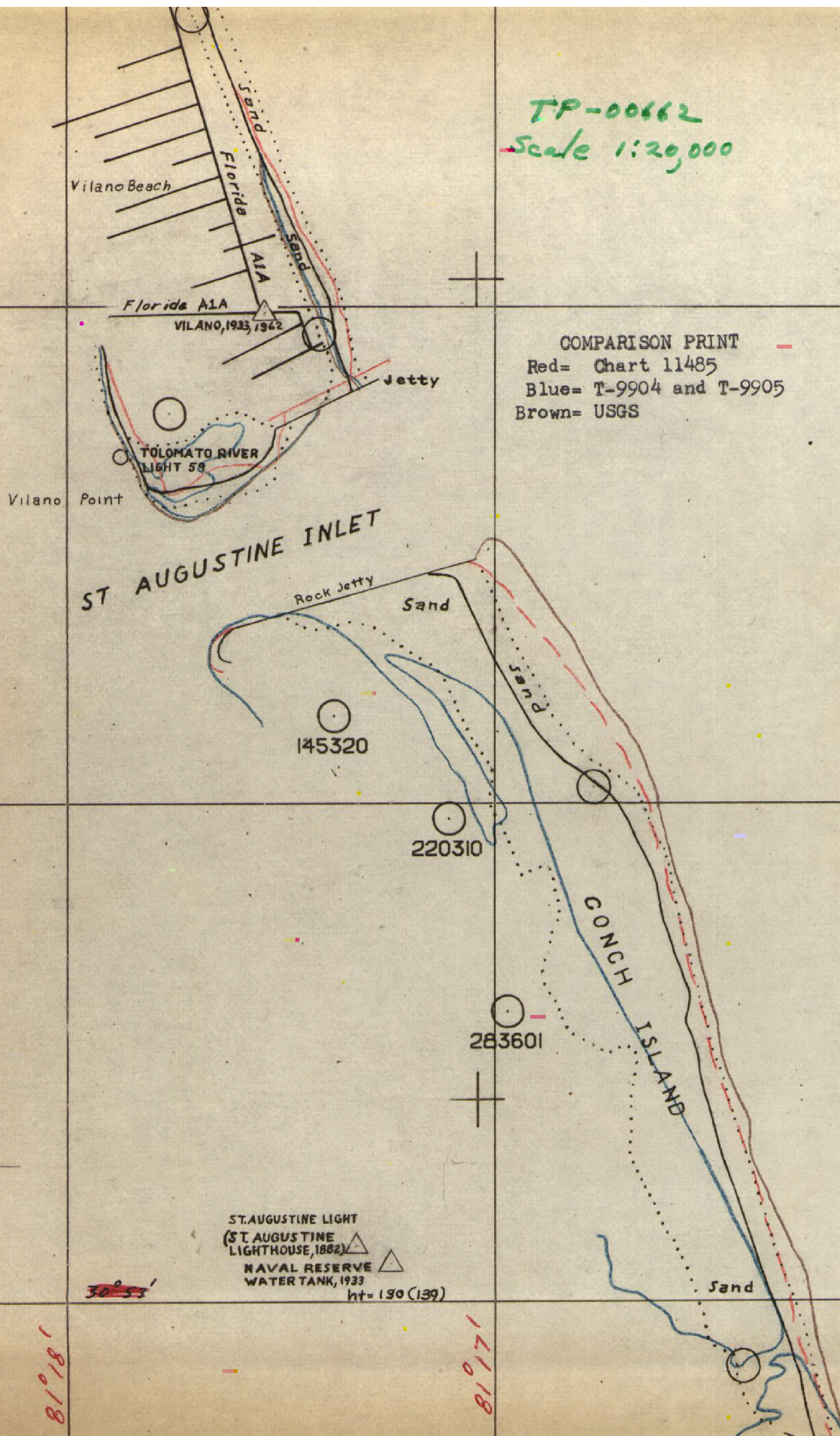
Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

TP-00662
Scale 1:20,000

COMPARISON PRINT
Red= Chart 11485
Blue= T-9904 and T-9905
Brown= USGS



TP-00662
Scale 1:20,000

23

COMPARISON PRINT

Red= Chart 11485
Blue= T-9904 and T-9905
Brown= USGS

Bird
Island

ANASTASIA STATE PARK

Sand

Florida AIA

Sand

Riprap

Blkd

Pier

Riprap

St. Augustine Beach

Coquina Gables

ANASTASIA ISLAND

Florida AIA

81° 16'

81° 16'

K = 420,000 FT

81° 15'

JOINS TP-006

29° 52'

() Submerged
Wreck

29° 51'

29° 50'