

TP-00666

TP-00666

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-00666
Classification No. Edition No. 1
Field Edited Map

LOCALITY

State Florida
St. Augustine to Cape
General Locality ... Kennedy
Locality Ellinor Village

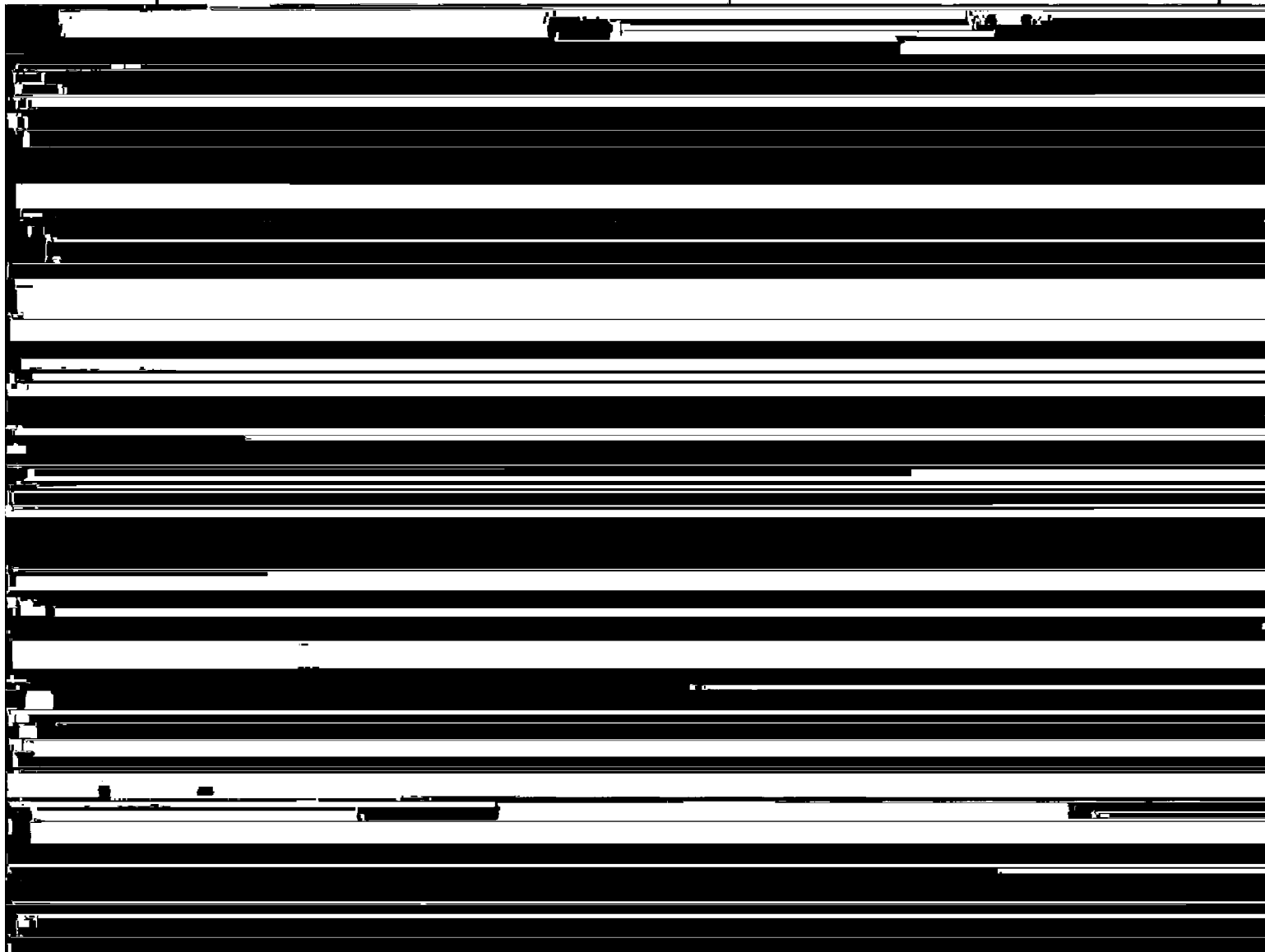
19 73 TO 1975

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.		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ REVISED		SURVEY TP. <u>00666</u> MAP EDITION NO. <u>1</u> MAP CLASS <u>Final (F.E.)</u> JOB PH. <u>6716</u>	
DESCRIPTIVE REPORT - DATA RECORD				PHOTOGRAMMETRIC OFFICE Coastal Mapping Division (Norfolk)			
OFFICER-IN-CHARGE Jeffrey G. Carlen				LAST PRECEDING MAP EDITION TYPE OF SURVEY ☐ ORIGINAL ☐ RESURVEY ☐ 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: ☒ 1927 NORTH AMERICAN				OTHER (Specify)			



NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00666
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) "L"		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR X (P) PANCHROMATIC (I) INFRARED X	TIME REFERENCE	
Wild RC-8/and RC-10 "C"			ZONE Eastern	☒ STANDARD
TIDE STAGE REFERENCE MAYPORT, FL ☒ PREDICTED TIDES (Daytona Beach, FL ☐ REFERENCE STATION RECORDS (Ocean)) ☐ TIDE CONTROLLED PHOTOGRAPHY			MERIDIAN 75th	☐ DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
* 73C(C)5233(I) - 5234(I)	10/26/73	09:35	1:60,000	4.2 ft. above MLW
* 73C(C)5206(I) - 5208(I)	10/25/73	14:30	1:60,000	0.9 ft. above MLW
** 73L(C)9321(I) - 9325(I)	11/14/73	12:08	1:30,000	+ 0.2 ft. of MHW
** 73L(C)9394(I) - 9397(I)	11/15/73	10:00	1:30,000	+ 0.2 ft. of MHW
** 73L(C)9248(I) - 9256(I)	11/9/73	12:40	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	EAST	SOUTH	WEST
TP-00665	No Survey	TP-00667	No Survey

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00666
HISTORY OF FIELD OPERATIONSI. ☒ 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 ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ 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)5205(I)	DAYTONA MAIN WATER TANK, 1947		

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)

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

TP-00666

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		
	☐ COMPLETE		
	☐ SPECIFIC NAMES ONLY		
	☒ NO INVESTIGATION		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY NA		
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA		
II. SOURCE DATA			
1. HORIZONTAL CONTROL IDENTIFIED	2. VERTICAL CONTROL IDENTIFIED		
NA	NA		
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (Clarification of details)			
NA			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00666
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	12/17/74	Class III Manuscript Superseded	1/10/75	1/10/75
Field edit applied Compilation complete	2/5/75	Class I Manuscript Superseded	3/3/75 3/25/75	
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
5		2/26/75	Ldmks for charting
2		2/26/75	Ldmks for deletion
1		3/19/75	Ldmk for charting

Mar. 19, 1975

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 ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

Revised 11-19-73

JOB PH-6716

FLORIDA

St. Augustine to Cape Kennedy

Shoreline Mapping

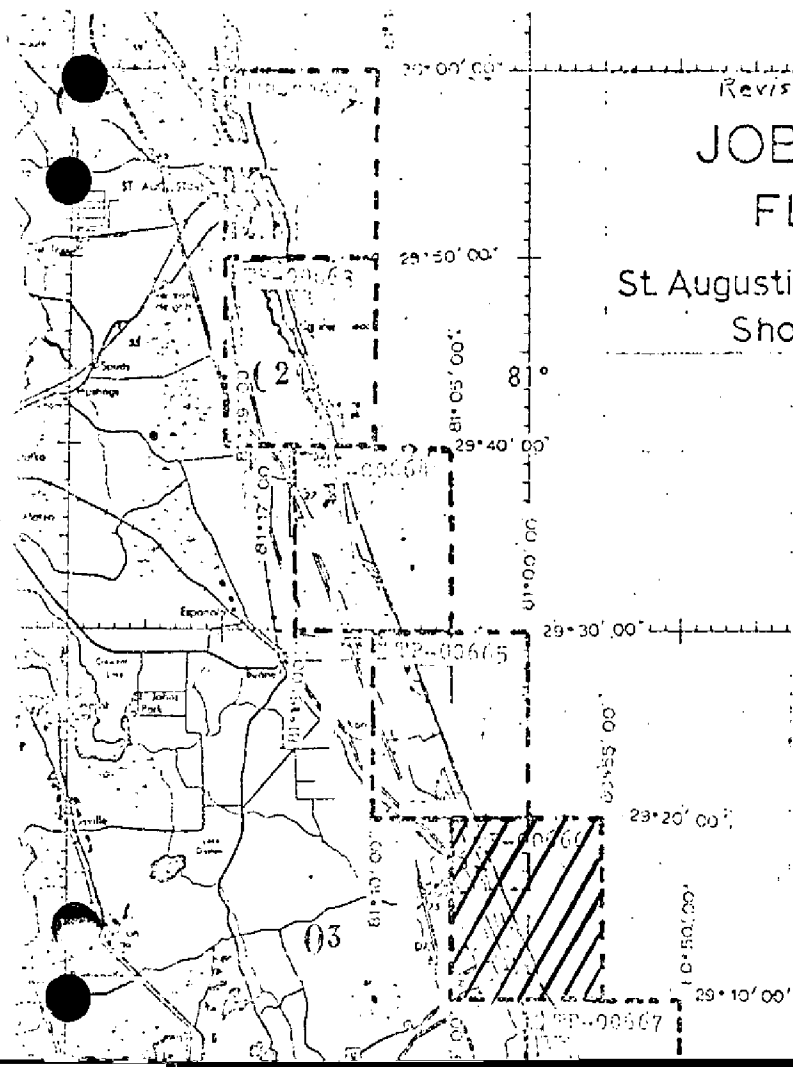
1:100,000 Scale
1:200,000 SCALE

Official Mileage for Cost Accounts

Sheet No.	Sq. Mi.	Sheet No.	Sq. Mi.
TP-00103	5	TP-00113	5
TP-00104	8	TP-00114	5
TP-00105	4	TP-00115	5
TP-00106	6	TP-00062	5
TP-00107	6	TP-00063	5
TP-00108	3	TP-00064	5
TP-00109	4	TP-00065	5
TP-00110	4	TP-00066	5
TP-00111	6	TP-00067	5
TP-00112	4	TP-00068	5

TP-00103 through TP-00115 are coastal boundary maps.

TP-00062 through TP-00068 are shoreline surveys for SCOPES (Southern Coastal Plains Expedition).



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT TP- 00666

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} ~~was~~ 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:

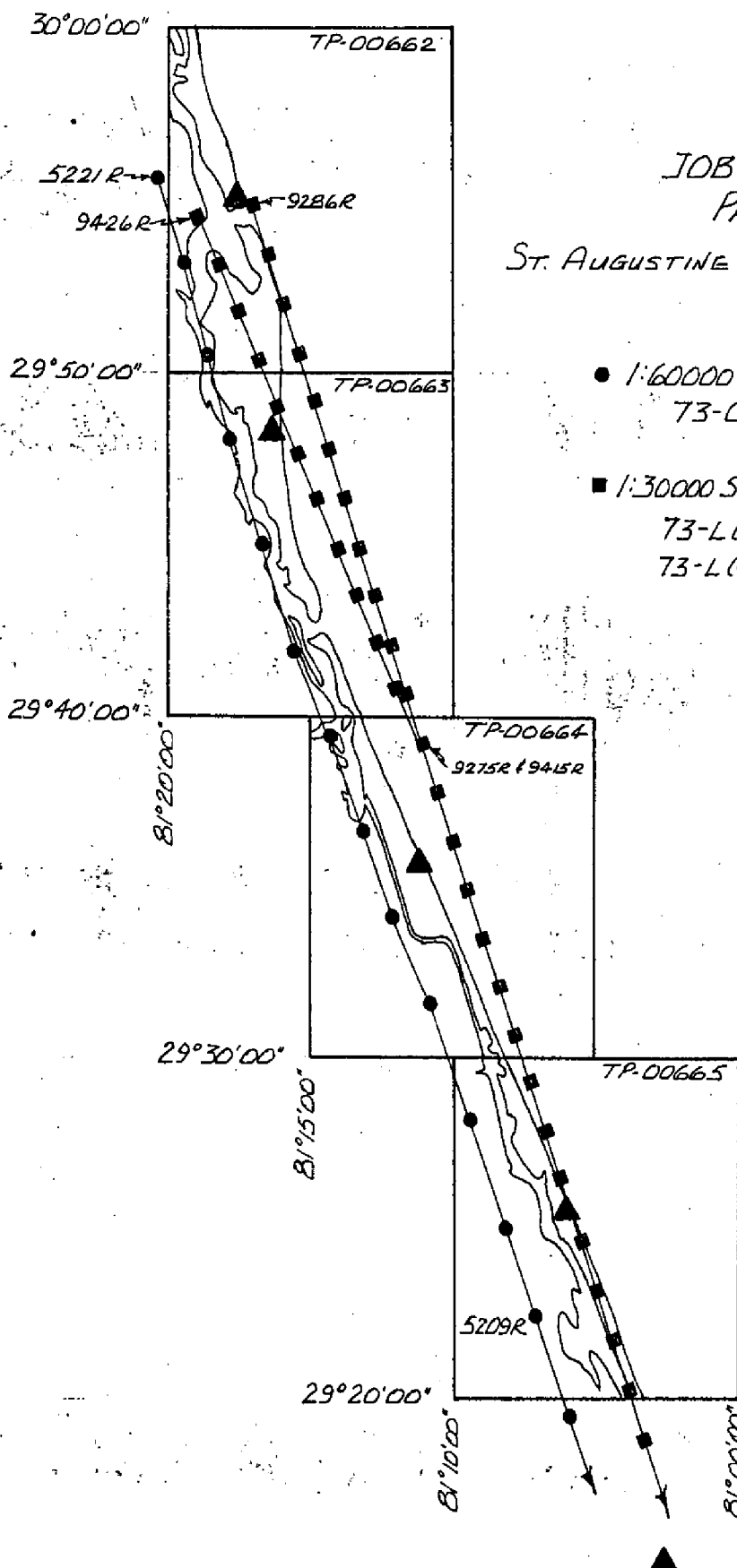
Michael L. McGinley
Michael L. McGinley

August 6, 1974

Approved by:

John D. Perrow Jr.
John D. Perrow, Jr.

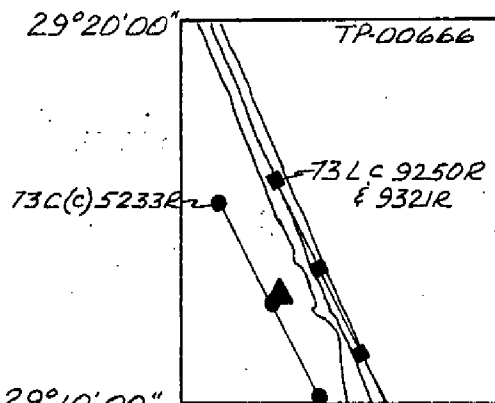
Chief, Aerotriangulation Section



JOB PH-6716 PART 1

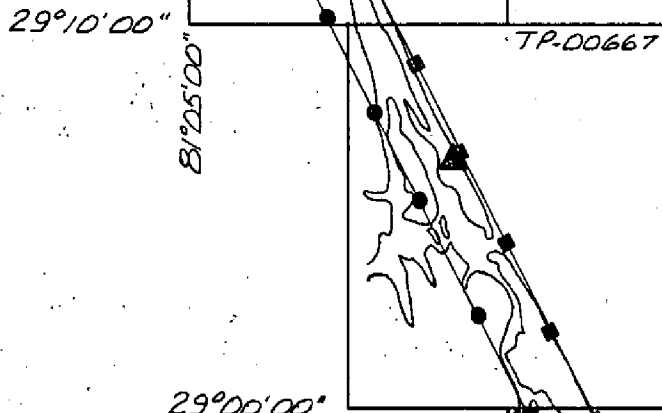
ST. AUGUSTINE to CAPE KENNEDY, FLA.

- 1:60000 SCALE BRIDGING PHOTOS
73-C(6)-5204R → 5221R
- 1:30000 SCALE MHW & MLW PHOTOS
73-L(6)-9392R → 9426R (MHW)
73-L(6)-9251R → 9286R (MLW)



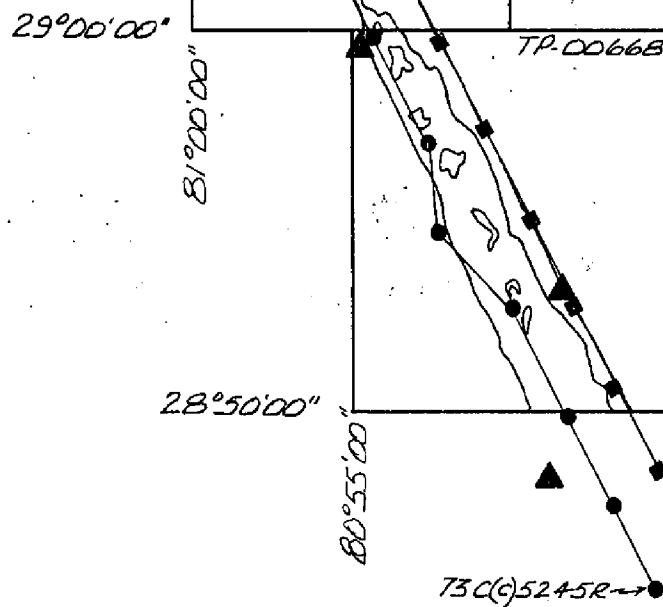
JOB PH-6716
PART II

ST. AUGUSTINE TO CAPE KENNEDY, FLA.



● 1:60000 SCALE BRIDGING PHOTOS
73 C(c) 5233R → 5245R

■ 1:30000 SCALE MHW & MLW PHOTOS
73 L(c) 9228R → 9250R (MLW)
73 L(c) 9321R → 9346R (MHW)



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	GEODETIC DATUM		ORIGINATING ACTIVITY		
					PH-6716	N.A. 1927	COORDINATES IN FEET STATE <u>Florida</u> ZONE <u>East</u>	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	REMARKS
TP-00666		REVILLO, 1934	G.P. Vol. I Pg. 123			x=	ϕ 29° 13' 01.774"		
		ORMOND HOTEL, CHIMNEY, 1906	G.P. Vol. I Pg. 801			x=	ϕ 29° 17' 26.097"		
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COMPILATION REPORT

TP-00666

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 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 0 non-floating aids to navigation, 2 deleted Landmarks and 6 landmarks to charting 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: ORMOND BEACH, FL and DAYTONA BEACH, FL, scales 1:24,000, dated 1956 and photorevised 1970; PORT ORANGE, 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: 843SC, scale 1:40,000, 11th edition, dated Aug. 25, 1973 and 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:

Joanne Desch

Joanne Desch

Cartographic Aid; December 17, 1974

Approved:

Albert C. Rauck, Jr.

Albert C. Rauck, Jr.

Chief, Coastal Mapping Section, AMC

ADDENDUM TO THE COMPILATION REPORT

TP-00666

FIELD EDIT

Field Edit was adequate.

Field edit report submitted, Jan. 17, 1975.

15 August 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00666

Atlantic Ocean

Daytona Beach

Daytona Beach Shores

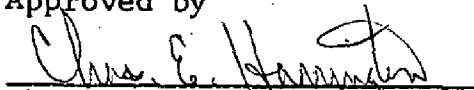
Ellenor Village

Ormond-by-the-Sea

Ortona

Seabreeze

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-00666

1. PROJECTION AND GRIDS CEB	2. TITLE CEB	3. MANUSCRIPT NUMBERS CEB	4. MANUSCRIPT SIZE CEB
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY CEB	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 CEB	11. DETAIL POINTS CEB
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE CEB	13. LOW-WATER LINE CEB	14. ROCKS, SHOALS, ETC. CEB	15. BRIDGES CEB
16. AIDS TO NAVIGATION NA	17. LANDMARKS CEB	18. OTHER ALONGSHORE PHYSICAL FEATURES CEB	19. OTHER ALONGSHORE CULTURAL FEATURES CEB
PHYSICAL FEATURES			
20. WATER FEATURES CEB	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 CEB
CULTURAL FEATURES			
27. ROADS CEB	28. BUILDINGS CEB	29. RAILROADS NA	30. OTHER CULTURAL FEATURES NA
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES CEB	34. JUNCTIONS CEB		35. LEGIBILITY OF THE MANUSCRIPT CEB
36. DISCREPANCY OVERLAY CEB	37. DESCRIPTIVE REPORT CEB	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS CEB
40. REVIEWER Charles E. Blood 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 Perkinson Jan. 1975		SUPERVISOR A.C. Rauck, Jr.	
Reviewer: Frank P. Margiotta Feb. 1975			
43. REMARKS Field Edit applied from Field Edit Ozalid, form 76-40 Field Edit photos: 73L(C) 9248 (I) & 73L(C) 9253(I)			

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.

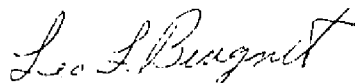
54. RECOMMENDATIONS

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

orig. to charts
2 124 75 and 3/11/75

NOAA FORM 76-40 (8-74)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION				ORIGINATING ACTIVITY		
Replaces C&GS Form 567.		LANDMARKS FOR CHARTS				☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ PHOTO FIELD PARTY ☒ COMPILATION ACTIVITY ☐ FINAL REVIEWER ☐ QUALITY CONTROL & REVIEW GRP. ☐ COAST PILOT BRANCH (See reverse for responsible personnel)		
☒ TO BE CHARTED ☐ TO BE REVISED ☐ TO BE DELETED		REPORTING UNIT (Field Party, Ship or Office) Coastal Mapping Div. AMC-Norfolk, Va.		STATE Florida	LOCALITY St. Augustine to Cape Kennedy	DATE Jan. 1975		
The following objects HAVE ☒ been inspected from seaward to determine their value as landmarks.		JOB NUMBER Ph-6716		SURVEY NUMBER TP-00666		DATUM N.A. 1927		
OPR PROJECT NO. 436								
CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)		LATITUDE ° / ' D.M. Meters		LONGITUDE ° / ' D.P. Meters		METHOD AND DATE OF LOCATION (See instructions on reverse side)	CHARTS AFFECTED
STACK	Brick, ht. = 108(128) ft. (Ormond Hotel, Chimney, 1906)	29-17	26.097 803.5	81-02	47.999 1295.5	73L(C)9254(I) Nov. 9, 1973	V-Vis. Jan. 15, 1975	1244 843SC
TANK	ht. = 150(170)	29-13	13.41 413	81-00	34.95 944	73L(C)9251(I) Nov. 9, 1973	V-Vis. Jan. 15, 1975	1244 843SC
TOWER	Sightseeing Tower, ht. = 133(139) ft.	29-13	47.26 1455	81-00	31.58 853	73L(C)9322(I) Nov. 14, 1973	V-Vis. Jan. 15, 1975	1244 843SC
BLDG	Round, slender, ht. = 283(306) ft.	29-10	54.15 1667	80-59	7.74 209	73L(C)9325(I) Nov. 14, 1973	V-Vis. Jan. 15, 1975	1244 843SC
TANK	ht. = 161(174)	29-14	22.41 690	81-01	19.33 522	73L(C)9322(I) Nov. 14, 1973	V-Vis. Jan. 15, 1975	1244 843SC
TANK	Ht. = 141 (164)	29-10	30.86 950	80-59	04.03 109	73L(C)9325(I) Nov. 14, 1973	V-Vis. Jan. 15, 1975	1244 843SC

RESPONSIBLE PERSONNEL		ORIGINATOR
TYPE OF ACTION	NAME	
OBJECTS INSPECTED FROM SEAWARD	F. Beugnot	☒ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETTIC PARTY ☐ OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	F. Beugnot	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	I. Perkinson	OFFICE ACTIVITY REPRESENTATIVE
		☐ REVIEWER ☐ 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 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 *FIELD POSITIONS are determined by field observations based entirely upon ground survey methods. 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 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. 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.		

RESPONSIBLE PERSONNEL		ORIGINATOR
TYPE OF ACTION	NAME	
OBJECTS INSPECTED FROM SEAWARD	F. Beugnet	☒ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	F. Beugnet	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	I. Parkinson	OFFICE ACTIVITY REPRESENTATIVE
		☐ REVIEWER ☐ 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 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 *FIELD POSITIONS are determined by field observations based entirely upon ground survey methods. 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 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. 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.		

REVIEW REPORT TP-00666

SHORELINE

September, 1975

61. GENERAL STATEMENT:

See Summary which is page six of this Descriptive Report.

A comparison print showing differences noted in paragraph 65 is included with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with T-9100, dated Dec., 1952, scale 1:20,000; T-9911, dated Sept., 1958, scale 1:20,000; and T-9912, dated December, 1956, scale 1:20,000. No significant differences were noted. In the area covered, TP-00666 supersedes T-9100, T-9911 and T-9912 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangles: ORMOND BEACH, FL and PORT ORANGE, FL, scale 1:24,000, dated 1956 (Photorevised 1970) and DAYTONA BEACH, FL, scale 1:24,000, dated 1952 (Photorevised 1970). No significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic survey was available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with NOS Charts 1244, scale 1:80,000, 6th edition, dated Aug. 1973 and 11485, scale 1:40,000, 12th edition, dated Aug. 1974. A significant difference is shown on the comparison print in red. It is a pier that was erroneously charted 300 feet southward of its actual location. There was no pier in existence in this area in 1957. In 1970, the U.S. Geological Survey mapped a pier that has the same location as the one mapped on TP-00666 in 1975. The 1975 location is correct.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Reviewed by:

Billy H. Barnes

Billy H. Barnes
Cartographer
September, 1975

Approved for forwarding:

Victor E. Serena

Victor E. Serena
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

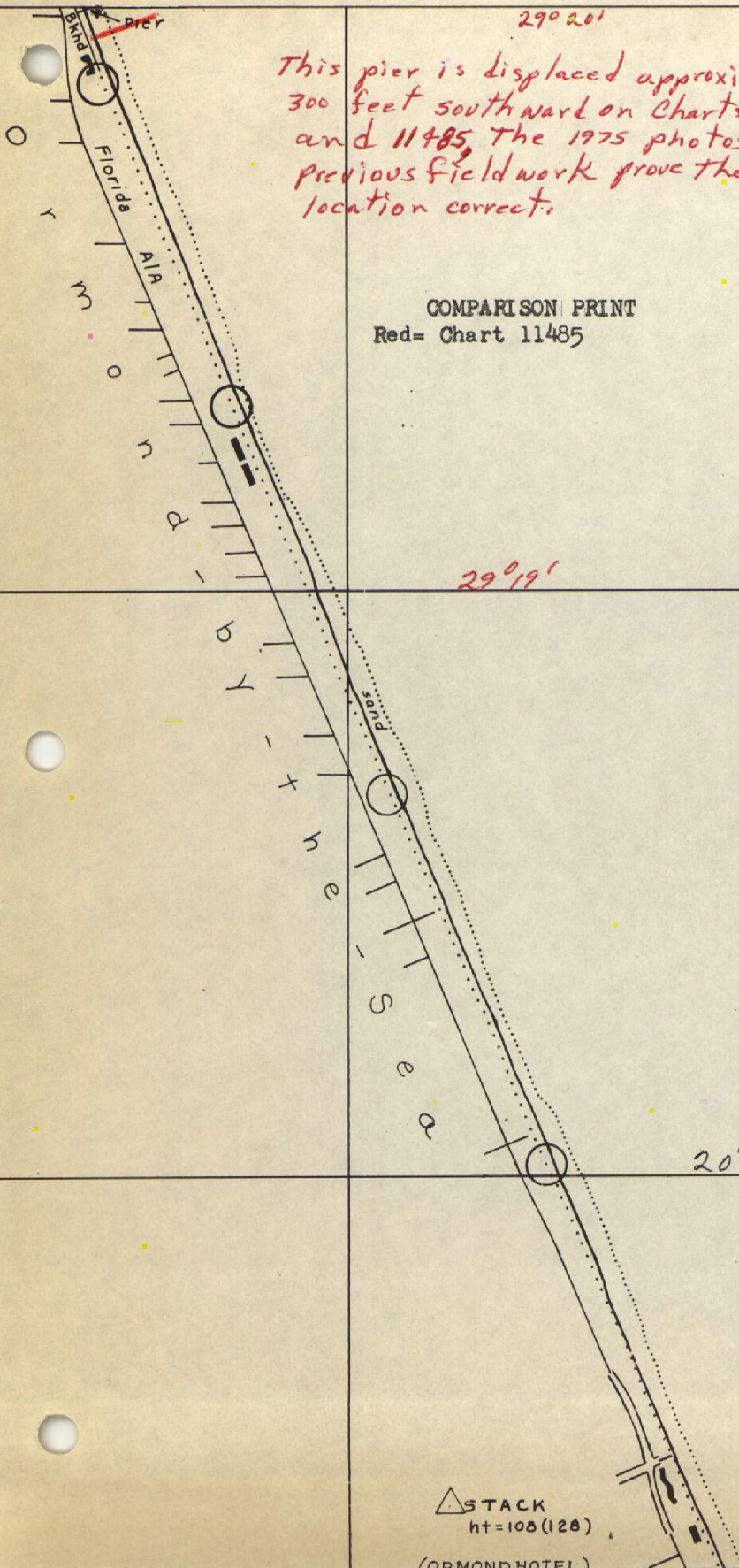
x = 480,000 FT

81° 03'

x = 490,000 FT

81° 02'

21



This pier is displaced approximately 300 feet southward on Charts 1244 and 11485. The 1975 photos and previous field work prove the 1975 location correct.

COMPARISON PRINT
Red= Chart 11485

TP-00666
Scale 1:10,000

STACK
ht=100 (120)

(ORMOND HOTEL)