

T-12299(2)

T-12299(2)

NOAA FORM 76-35

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

## DESCRIPTIVE REPORT

Type of Survey ..... Shoreline .....

Job No. ..PH-7019..... Map No. T-12299(?)..

Classification No. .... Edition No. 2.....

Field edited map .....

## LOCALITY

State ..... South Carolina.....

..... Cape Fear, NC to .....

General Locality .. Murrells Inlet, SC.....

Locality ..... Surfside Beach .....

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1969 TO 19 74

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## REGISTRY IN ARCHIVES

DATE .....

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR  
TO REGISTRATION

<b>NOAA FORM 76-36A</b> (3-72)		<b>U. S. DEPARTMENT OF COMMERCE</b> NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input checked="" type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE  Coastal Mapping Division (Norfolk)		SURVEY <b>T-12299(2)</b>  MAP EDITION NO. (2) MAP CLASS <b>Final</b> JOB <b>PH. 7019</b>	
OFFICER-IN-CHARGE  Jeffrey G. Carlen, CDR		<b>LAST PRECEDING MAP EDITION</b> TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <b>T-12299</b> <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB <b>PH. 6217</b> MAP CLASS _____ SURVEY DATES: <b>1962 TO 1964</b>	
<b>I. INSTRUCTIONS DATED</b>			
<b>1. OFFICE</b>		<b>2. FIELD</b>	
Aerotriangulation - Jan. 15, 1971  Compilation - Jan. 21, 1972  Office Supplement I - Jan. 25, 1972		Apr. 26, 1970  Dec. 11, 1970	
<b>II. DATUMS</b>			
<b>1. HORIZONTAL:</b> <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify) _____	
<b>2. VERTICAL:</b> <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) _____	
<b>3. MAP PROJECTION</b>  Polyconic		<b>4. GRID(S)</b> STATE <b>South Carolina</b> ZONE <b>North</b>	
<b>5. SCALE</b> 1:20,000		STATE _____      ZONE _____	
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
<b>OPERATIONS</b>		<b>NAME</b>	<b>DATE</b>
<b>1. AEROTRIANGULATION</b> BY METHOD: <b>Stereoplanigraph</b> LANDMARKS AND AIDS BY		<b>J. Perrow</b>	<b>Sep 1971</b>
<b>2. CONTROL AND BRIDGE POINTS</b> PLOTTED BY METHOD: <b>CORADAMAT</b> CHECKED BY		<b>D. Phillips</b> <b>D. Phillips</b>	<b>Oct 1971</b> <b>Oct 1971</b>
<b>3. STEREOSCOPIC INSTRUMENT</b> PLANIMETRY BY COMPILATION      CHECKED BY INSTRUMENT: <b>Wild B-8</b> CONTOURS BY SCALE: <b>1:20,000</b> CHECKED BY		<b>H. Gann</b> <b>L. Neterer, Jr.</b> <b>NA</b> <b>NA</b>	<b>Feb 1971</b> <b>Feb 1971</b>  
<b>4. MANUSCRIPT DELINEATION</b> PLANIMETRY BY METHOD: <b>Wild B-8 &amp; Graphic</b> CHECKED BY SCALE: <b>1:20,000</b> CONTOURS BY HYDRO SUPPORT DATA BY CHECKED BY		<b>L. Neterer, Jr.</b> <b>L. Neterer, Jr.</b> <b>NA</b> <b>NA</b> <b>A. Shands</b> <b>L. Neterer, Jr.</b>	<b>Feb 1972</b> <b>Feb 1972</b>   <b>Feb 1972</b> <b>Feb 1972</b>
<b>5. OFFICE INSPECTION PRIOR TO FIELD EDIT</b> BY		<b>L. Neterer, Jr.</b>	<b>Feb 1972</b>
<b>6. APPLICATION OF FIELD EDIT DATA</b> BY		<b>C. Blood</b>	<b>Mar 1975</b>
<b>7. COMPILATION SECTION REVIEW</b> BY		<b>F. Margiotta</b>	<b>Apr 1975</b>
<b>8. FINAL REVIEW</b> BY		<b>C. Bishop</b>	<b>Feb 1976</b>
<b>9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH</b> BY		<b>C. Bishop</b>	<b>Mar. 1976</b>
<b>10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH</b> BY			
<b>11. MAP REGISTERED - COASTAL SURVEY SECTION</b> BY		<b>R. CATDR</b>	<b>MAY 1976</b>

NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYT-12299(2)  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 E & K		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR X (P) PANCHROMATIC (I) INFRARED X		ZONE Eastern	<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 75	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
69E(C) 3773 - 3776	Dec 4, 1969	10:30	1:20,000	0.9 ft. above MLW	
70K(I) 5286 - 5290	Apr 7, 1970	13:10	1:20,000	+0.2 ft. of MLW	
70E(C) 8653 - 8655	Dec 5, 1970	10:25	1:40,000	2.9 ft. above MLW	

## REMARKS

Reference Station: Charleston, SC  
Subordinate Station: Murrells Inlet, SC

Mean Range

5.2  
4.5

## 2. SOURCE OF MEAN HIGH-WATER LINE:

Office interpretation of color photography taken on Dec 5, 1970; Centers not mapped.

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

Office interpretation of infrared photographs taken at MLW on April 7, 1970. Centers not mapped.

## 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
T-12296(2)	No Contemporary Survey	No Contem. survey	T-12298(2)

## REMARKS

NOAA FORM 76-36C  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYT-12299(2)  
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Wilson	Nov, 1970
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	NA NA NA
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None None None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	None
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
None		NA	
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

None

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

None

NOAA FORM 76-36C  
(3-72)

T-12299(2)

# HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Wagner	May 1974
2. HORIZONTAL CONTROL	RECOVERED BY NA 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 None LOCATED (Field Methods) BY R. Wagner & R. Kesselring IDENTIFIED BY R. Wagner & R. Kesselring	May 1974 May 1974
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)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Data for objects located and verified by field methods are listed under 8. below.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE

6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

- 2 Form 76-40 Nonfloating Aids or Landmarks for Charts
- 2 Field Edit Ozalids (1 paper, 1 film)
- 1 Field Edit Report

**I. MANUSCRIPT COPIES**

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete pending field edit.	Feb 1972	Class III Superseded	None	May 16, 1972
Field edit applied compilation complete	Mar 1975	Class I Superseded	Apr 7, 1975	
Final Review	Feb 1976		2-27-76	

**II. LANDMARKS AND AIDS TO NAVIGATION**

**1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH**

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Apr 9, 1975	Landmark for Charting
2			Non-floating Aids for Charting

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Apr 9, 1975
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

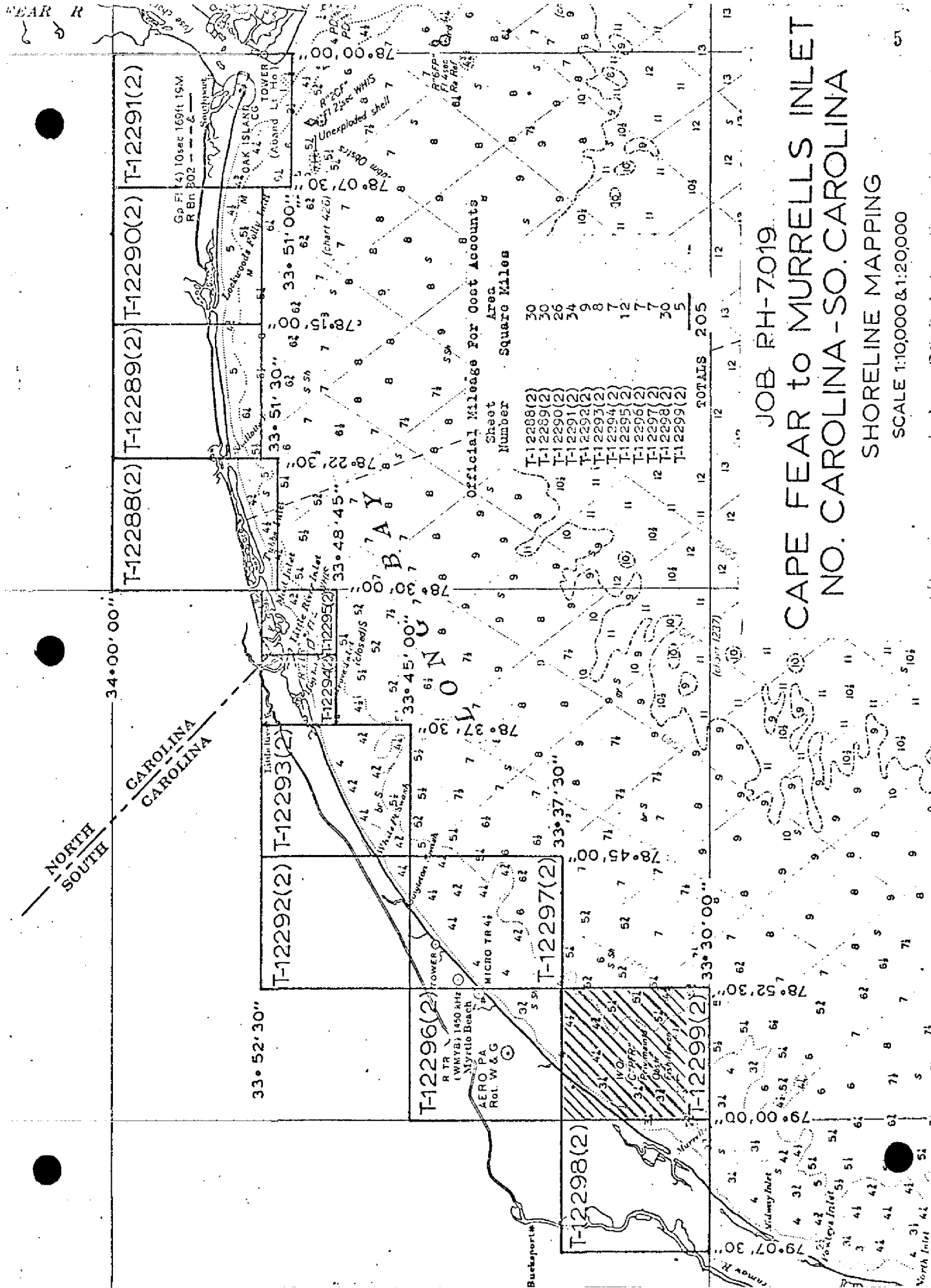
**III. FEDERAL RECORDS CENTER DATA**

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS <sup>76-40</sup> ~~54~~ 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	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	

NEAR R



JOB RH-7019

# CAPE FEAR TO MURRELLS INLET NO. CAROLINA-SO. CAROLINA

SHORELINE MAPPING

SCALE 1:10,000 & 1:20,000



## SUMMARY TO ACCOMPANY

## DESCRIPTIVE REPORTS T-12288 (2) through T-12299 (2)

Project PH-7019 is one of several projects that comprise the Seaward Coastal Plains Expedition (SCOPE). It is a resurvey most of Project PH-6217 and consists of ten 1:20,000 scale and two 1:10,000 scale shoreline manuscripts. The project extends from Cape Fear, NC to Murrells Inlet, SC. Only the Atlantic Ocean shoreline and shoreline adjacent to inlets was mapped.

The only field work prior to compilation was the identification and premarking of horizontal control required for bridging.

Bridging was done in the Rockville Science Center in Sept., 1971, using the stereoplanigraph with 1:40,000 scale photography taken in December, 1970. The Bald Head Island area was bridged as part of Project CM-7219 in 1973, using 1:40,000 scale color photography taken in October, 1972.

Compilation was done at the Atlantic Marine Center in February and March, 1972.

Field edit was done as follows:

<u>Map</u>	<u>Field Edit Performed by:</u>		<u>Date</u>
	Experienced Photogrammetrist	Trainee	
T-12288 (2)	x		Feb., 1975
T-12289 (2)		x	Feb., 1973
T-12290 (2)		x	Jan., 1973
T-12291 (2)		x	Jan., 1973
T-12292 (2)	x		June, 1974
T-12293 (2)	x		June, 1974

<u>Map</u>	<u>Field Edit Performed by:</u>		<u>Date</u>
	Experienced	Trainee	
	Photogrammetrist		
T-12294 (2)	x		Aug., 1972
T-12295 (2)	x		Aug., 1972
T-12296 (2)	x		May, 1974
T-12297 (2)	x		June, 1974
T-12298 (2)	x		May, 1974
T-12299 (2)	x		May, 1974

The original manuscripts were stabilene sheets. The 1:20,000 scale maps are  $7\frac{1}{2}$  minutes in latitude by  $7\frac{1}{2}$  minutes in longitude, except T-12288 (2) which is  $8\frac{1}{2}$  minutes in latitude by  $7\frac{1}{2}$  minutes in longitude, and T-12291 (2) which is 9 minutes in latitude by  $7\frac{1}{2}$  minutes in longitude. The 1:10,000 scale maps, T-12294 (2), and T-12295 (2), are each  $3\frac{3}{4}$  minutes in latitude by  $3\frac{3}{4}$  minutes in longitude.

A cronaflex positive copy and a negative of each final reviewed map were forwarded for record and registry.

PHOTOGRAMMETRIC PLOT REPORT  
Job PH-7019  
Cape Fear to Murrells Inlet  
North Carolina and South Carolina

*Sept. 1971*

21. Area Covered

This project covers the shoreline from Cape Fear, North Carolina, to just south of Murrells Inlet, South Carolina. Included are 12 T-sheets (T-12288(2) thru T-12299(2)). All sheets are 1:20,000 scale with the exceptions of T-12294(2) and T-12295(2) which are 1:10,000 scale.

22. Method

Five strips of photography were bridged on the Zeiss Stereoplanigraph C-8 in order to obtain pass point positions and exact scale ratios (for Strips #5 thru #13) to be used during compilation. All bridging was performed using color positives rather than glass plates.

Strip #1 (70-E(C)-8716 thru 8725) was adjusted on four triangulation stations with tie points as checks. Strip #2 (70-E(C)-8731 thru 8742) was adjusted on four triangulation stations with companion points, ties with Strips #1 and #3, and one other station as checks. Strip #3 (70-E(C)-8647 thru 8664) was adjusted on nine triangulation points with companion points, ties with Strip #2, and three additional triangulation stations as checks. Strip #5 (69-E(C)-3754 thru 3761) and Strip #6 (69-E(C)-3715 thru 3720) were both adjusted to tie points from Strip #2. Both strips were adjusted on four tie points with additional ties between the two strips as checks. All tie points between strips were averaged. All adjustments were performed on the IBM 1620. All sheets were ruled and plotted on the Coradomat.

23. Adequacy of Control

Horizontal control complied with project instructions; however, it was not adequate in the area of junction of Strips 2 and 3. Vaught RM6, 1962, due to its placement, was visible, in stereo, only on Strip #3. Office identified control provided a substitute in this area.

Although all control held within National Map Accuracy the adjustments of these strips are very weak. No attempt should be made in the future to produce 1:10,000 scale sheets from

- 2 -

the material provided for the 1:20,000 scale sheets. The two short bridges (5 and 6), which were bridged on points from 1:40,000 scale photography, seem to be adequate for the 1:10,000 scale delineation but are only as good as the bridging for the 1:20,000 scale sheets.

All strips in this project were photogrammetrically weak due to the large water areas in the models.

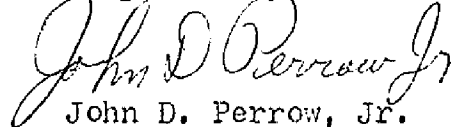
24. Supplemental Data

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


25. Photography

Photography was adequate as to overlap and definition. Coverage was adequate with the exception of a small land area in the lower right hand edge of T-12291(2).

Respectfully submitted:

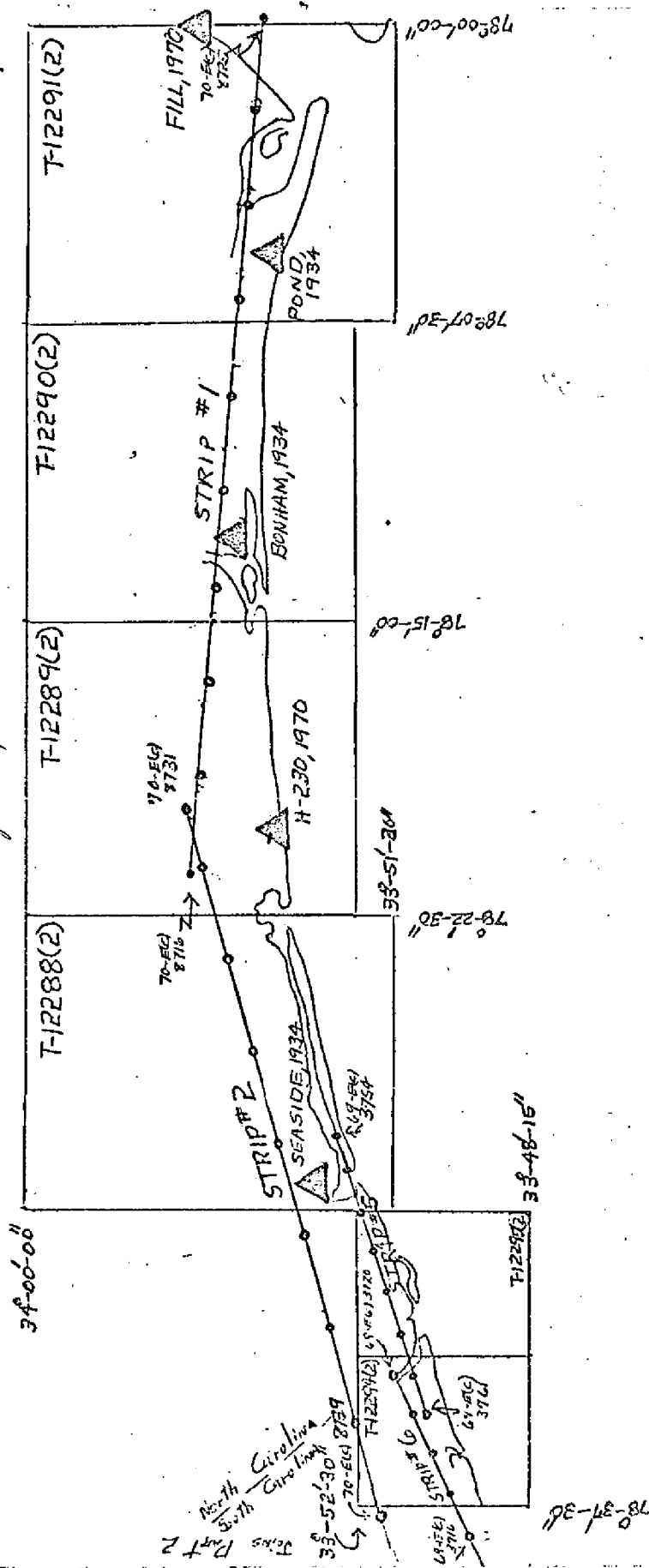
  
John D. Perrow, Jr.

Approved and Forwarded:

  
Henry P. Eichert, Chief  
Aerotriangulation Section

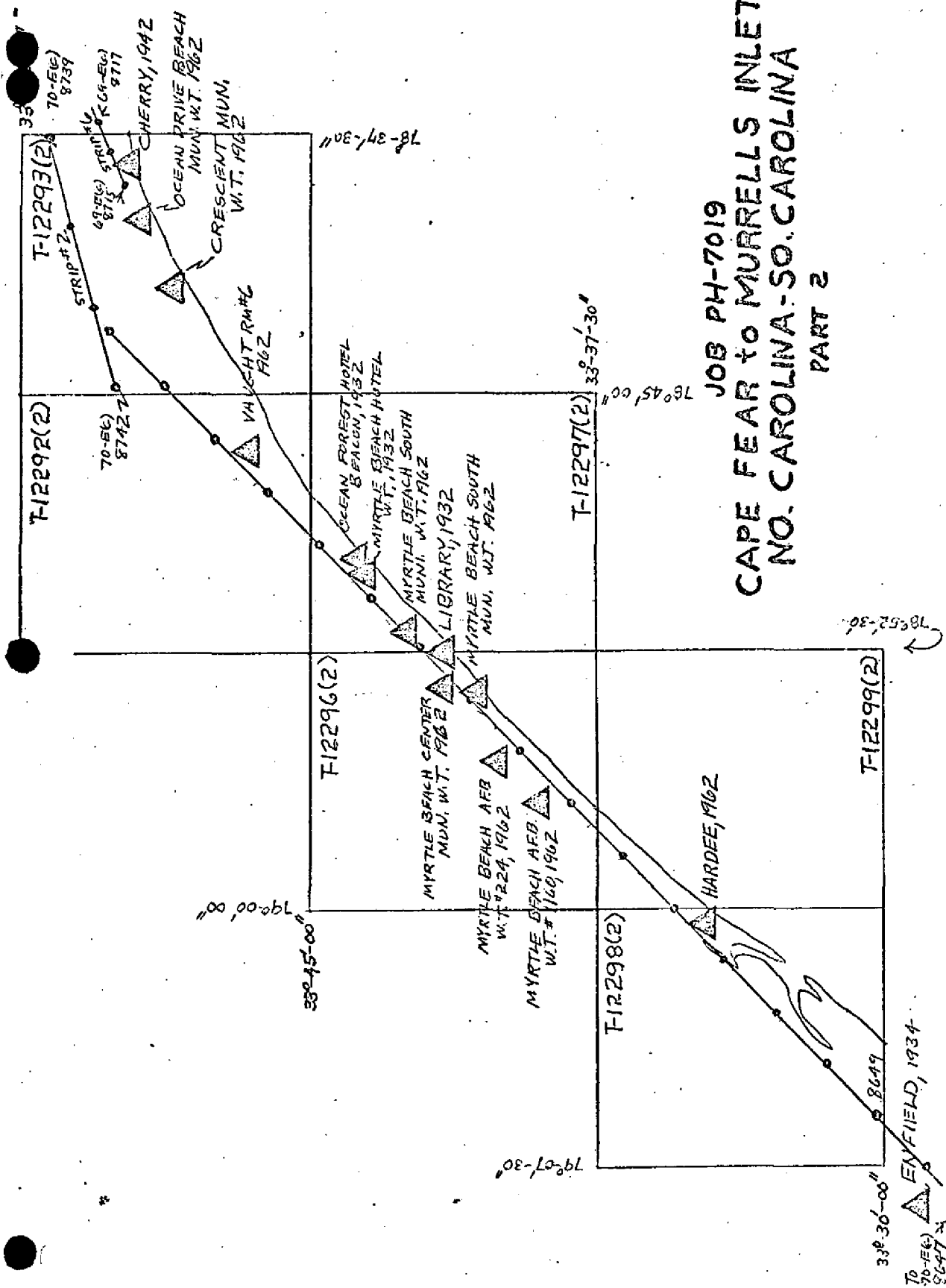
JOE PH-7019  
CAPE FEAR to MURRELLS INLET  
NO. CAROLINA--SO. CAROLINA

PART I  
*Sept 71*



T-12292(2)

JOB PH-7019  
 CAPE FEAR TO MURRELLS INLET  
 NO. CAROLINA-SO. CAROLINA  
 PART 2



## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	GEODETTIC DATUM		ORIGINATING ACTIVITY	
					COORDINATES IN FEET STATE _____ ZONE _____	NA 1927	GEOGRAPHIC POSITION $\phi$ LATITUDE $\lambda$ LONGITUDE	Coastal Mapping Div (Norfolk)
Roch 2, 1962			Vol. III Pg. 112A		X=		$\phi$ 33° 36' 09.5352"	REMARKS FORWARD BACK
					Y=		$\lambda$ 78° 58' 28.2622"	293.8 (1554.8) 728.7 (818.3)
					X=		$\phi$	
					Y=		$\lambda$	
					X=		$\phi$	
					Y=		$\lambda$	
					X=		$\phi$	
					Y=		$\lambda$	
					X=		$\phi$	
					Y=		$\lambda$	
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					X=		$\phi$	
					Y=		$\lambda$	
					X=		$\phi$	
					Y=		$\lambda$	
COMPUTED BY	A. C. Rauck, Jr.				COMPUTATION CHECKED BY		DATE	
LISTED BY	F. Margiotta				LISTING CHECKED BY		DATE	
HAND PLOTTING BY					HAND PLOTTING CHECKED BY		DATE	

## COMPILATION REPORT

T-12299(2)

31. DELINEATION

The Mean High Water Line was compiled by office interpretation of the 1:40,000 bridging photos on the Wild B-8. The Mean Low Water Line was compiled<sup>v</sup> from Tide controlled 1:20,000 scale infrared photography.  
*graphically*

32. CONTROL

See "Photogrammetric Plot Report" Job 7019 dated September, 1971.

33. SUPPLEMENTAL DATA

None

34. CONTOUR AND DRAINAGE

Contours are inapplicable. Drainage was compiled from office interpretation of color photography.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline and alongshore details were compiled by office interpretation of the photographs.

36. OFFSHORE DETAIL

None

37. LANDMARKS AND AIDS

Forms 76-40 for one (1) Landmarks for charting and two (2) Non-floating aids to navigation were sent to the Rockville, Maryland office on April 7, 1975.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

See Form 76-36b, Item 5.



40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with T-12299, PH 6217. There is a displacement of detail. This is a shift of roads and piers to the northwest on the Manuscript T-12299(2) in relationship to T-12299.

A comparison was made with U.S.G.S. Quadrangle MYRTLE BEACH, S.C. 1:62,500, dated 1940.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 1237, scale 1:80,000 dated September 16, 1968.

ITEM TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEM TO BE CARRIED FORWARD

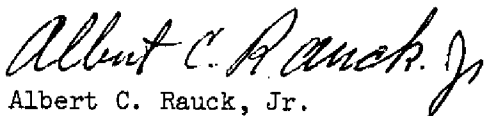
None

Respectfully submitted,



L. O. Neterer, Jr.  
Cartographic Technician  
February 14, 1972

Approved:



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

ADDENDUM TO THE COMPILATION REPORT

T-12299 (2)

FIELD EDIT

All field edit requirements were satisfactorily completed.

29 Sept. 1975

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

PH-7019 (Cape Fear to Murrells Inlet, N.C.)

T-12299 (2)

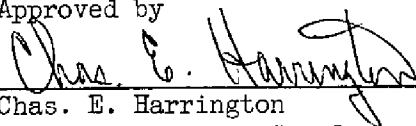
Atlantic Ocean

Garden City Beach

Long Bay

Surfside Beach

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 T. 12299 (2)			
1. PROJECTION AND GRIDS LON, JR	2. TITLE LON, JR	3. MANUSCRIPT NUMBERS XX	4. MANUSCRIPT SIZE LON, JR.
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY XX	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) XX		7. PHOTO HYDRO STATIONS XX
8. BENCH MARKS XX	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT LON, JR	11. DETAIL POINTS LON, JR
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE LON, JR	13. LOW-WATER LINE LON, JR	14. ROCKS, SHOALS, ETC. LON, JR	15. BRIDGES XX
16. AIDS TO NAVIGATION LON, JR	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES LON, JR	19. OTHER ALONGSHORE CULTURAL FEATURES XX
PHYSICAL FEATURES			
20. WATER FEATURES LON, JR	21. NATURAL GROUND COVER XX		22. PLANETABLE CONTOURS NA
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES XX
CULTURAL FEATURES			
27. ROADS LON, JR	28. BUILDINGS LON, JR	29. RAILROADS XX	30. OTHER CULTURAL FEATURES XX
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES LON, JR	34. JUNCTIONS LON, JR		35. LEGIBILITY OF THE MANUSCRIPT LON, JR
36. DISCREPANCY OVERLAY LON, JR	37. DESCRIPTIVE REPORT LON, JR	38. FIELD INSPECTION PHOTOGRAPHS XX	39. FORMS LON, JR
40. REVIEWER Compilation: <i>Douglas D. Neterer, Jr.</i>		SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> Albert 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.			
COMPILED <i>C. Blood</i> March, 1975 F. Margiotto 1975		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
43. REMARKS <i>Field Edit ozalid and diazo, Two Form 76-40, One for Landmarks and One for Nonfloating Aids.</i>			

Field Edit Report for T-12299 (2)51. METHODS

The manuscript was inspected by truck and all questions are answered on the Field Edit Ozalid. No measurements were taken to the shoreline because in a phone call to Atlantic Marine Center, it was stated that the shoreline will be mapped as of date of photography. One landmark is recommended for charting. Its position is from traverse at the time of the location of hydro stations. Field edit data will be found on the field edit ozalid and cronaflex.

52. ACCURACY OF COMPILATION

The compilation will be complete and adequate when field edit information is included.

53. MAP ACCURACY

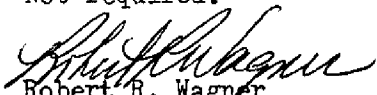
No test required.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Not required.

  
Robert R. Wagner  
Chief, Photo Party 60

[illegible]



REVIEW REPORT T-12299 (2)  
SHORELINE

February 17, 1976

61. GENERAL STATEMENT:

This map is a resurvey of Survey T-12299. See Summary which is Page 6 of this Descriptive Report.

No comparison print was made for this map.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with Survey of T-12299, 1:20,000 scale, dated 1964. A slight datum shift (approximately 0.5 mm.) in a south-southwesterly direction was noted. There are no other significant differences.

In the area compared, T-12299 (2) supersedes T-12299 for nautical chart construction purposes. T-12299 is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with U.S.G.S. Quadrangle MYRTLE BEACH, S.C., 1:62,500 scale, dated 1940. The only significant difference noted is the large amount of cultural changes that have occurred over the years.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with a copy of the verified smooth sheet for Survey H-9289 (MI 20-1-72). No significant differences were noted.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 11535, 1:80,000 scale, 6th edition, dated January, 1975. No significant differences were noted.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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



Submitted:

*Charles H. Bishop*

Charles H. Bishop  
Cartographer  
February 17, 1976

Approved for forwarding:

*Albert C. Rauck, Jr.*

Albert C. Rauck, Jr.  
Acting Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division