

T-12298 (2)

T-12298(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-12298 (2)

Classification No. Edition No. 2

Field Edited Map

LOCALITY

State South Carolina

General Locality Cape Fear, NC to
Murrells Inlet, SC

Locality Murrells Inlet

1969 TO 1974

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		SURVEY <u>TR-T-12298(2)</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input type="checkbox"/> ORIGINAL		MAP EDITION NO. (2)	
				<input checked="" type="checkbox"/> RESURVEY		MAP CLASS Final	
				<input type="checkbox"/> REVISED		JOB PH. 7019	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Coastal Mapping Division (Norfolk)				TYPE OF SURVEY		JOB PH. 6217	
OFFICER-IN-CHARGE				<input checked="" type="checkbox"/> ORIGINAL T-12298		MAP CLASS	
Jeffrey G. Carlen				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		1963 TO 1964	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation - Jan. 15, 1971				Apr. 26, 1970			
Compilation - Jan. 21, 1972				Dec. 11, 1970			
Office Supplement I - Jan. 25, 1972							
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				4. GRID(S)			
Polyconic				STATE South Carolina		ZONE North	
5. SCALE 1:20,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				J. Perrow		Sept. 1971	
METHOD: Stereoplanigraph LANDMARKS AND AIDS BY							
2. CONTROL AND BRIDGE POINTS PLOTTED BY				D. Phillips		Oct. 1971	
METHOD: Coradomat CHECKED BY				D. Phillips		Oct. 1971	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				H. Gann		Feb. 1971	
COMPILATION CHECKED BY				A. Shands/L. Neterer, Jr.		Feb. 1971	
INSTRUMENT: Wild B-8				CONTOURS BY		NA	
SCALE: 1:20,000				CHECKED BY		NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY				R.J. Pate		Feb. 1972	
METHOD: Wild B-8 and Graphic CHECKED BY				B. Wilson			
SCALE: 1:20,000				CONTOURS BY		NA	
HYDRO SUPPORT DATA BY				R.J. Pate		Feb. 1972	
CHECKED BY				B. Wilson			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				B. Wilson		Feb. 1972	
6. APPLICATION OF FIELD EDIT DATA BY				Charles Parker		Mar. 1975	
CHECKED BY				C. Blood		Apr. 1975	
7. COMPILATION SECTION REVIEW BY				C. Blood		Apr. 1975	
8. FINAL REVIEW BY				C.H. Bishop		Feb. 1976	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				C.H. Bishop		Mar. 1976	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY							
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				K. CATDR		MAY 1976	

NOAA FORM 76-36B
(3-72)T-12298 (2)
COMPILATION SOURCESU. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

7. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 E & K		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR <input checked="" type="checkbox"/> (P) PANCHROMATIC (I) INFRARED <input checked="" type="checkbox"/>		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				ZONE Eastern	<input checked="" type="checkbox"/> STANDARD
				MERIDIAN 75°	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
69 E(C) 3777 - 3783	4 DEC 69	10:30	1:20,000	0.9 ft. above MLW	
70 K(I) 5289 - 5295	7 APR 70	13:10	1:20,000	±0.2 ft. of MLW	
70 E(C) 8649 - 8653	5 DEC 70	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 of Dec. 5, 1970.

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

Office interpretation of tide controlled infrared photography of April 7, 1970 photo 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 No Contemp. Survey	EAST T-12299 (2)	SOUTH T-12301(Proj. PH-6217)	WEST No Contemp. 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

T-12298 (2)

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J.K. Wilson	Nov. 1970
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	R.E. Kesselring & D. Ray	Nov. 1970
	None	
	R.E. Kesselring & D. Ray	Nov. 1970
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 <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

Premark

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70-E-8652	HARDEE, 1962 ENFIELD 1934 R. M. 3		

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☒ 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 76-53 Control Station Identification

1 Form 266 Observations of Sun for Azimuth and Time

1 Form 269c Computation of Altitude and Time Azimuth

T-12298(2)

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. 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 NA LOCATED (Field Methods) BY R. R. Wagner IDENTIFIED BY	May 1974
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> 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

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 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 Field Edit Ozalids (1 paper, 1 film)

1 Field Edit Report

1 Form 76-40 Nonfloating Aids or Landmarks for Charts

NOAA FORM 76-36D
(3-72)

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

T-12298 (2)
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	Feb, 1972	Class III Superseded	None	May 16, 1972
Field Edit applied Compilation complete	Mar, 1975	Class I	Apr. 7, 1975	
Final Review	Feb. 1976			

II. LANDMARKS AND AIDS TO NAVIGATION**1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH**

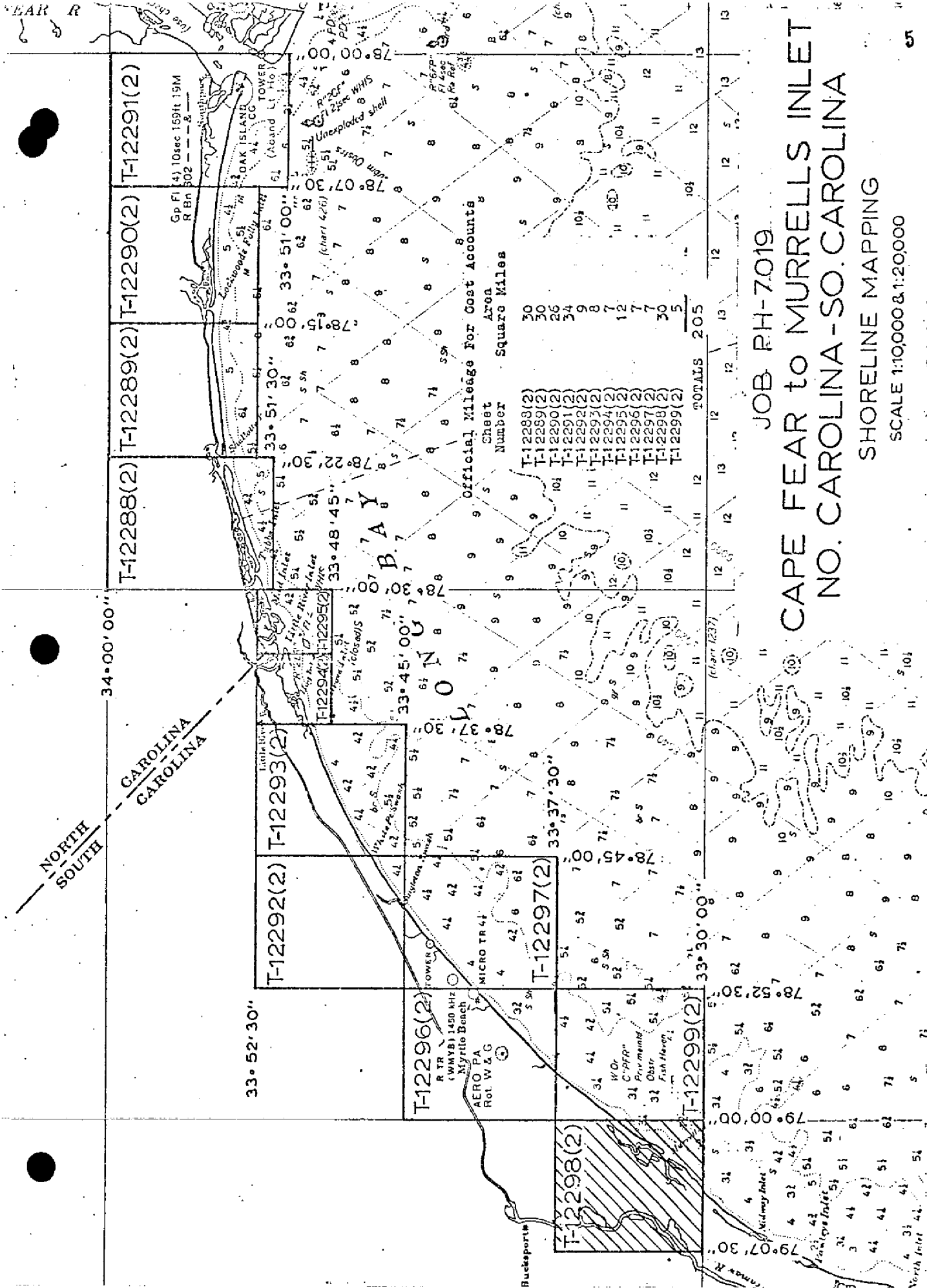
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
2		Apr. 9, 1975	Non-floating Aids for Charting

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Apr. 9, 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 ~~76-40~~ ⁷⁶⁻⁴⁰ 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	



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 Stereo-planigraph 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.

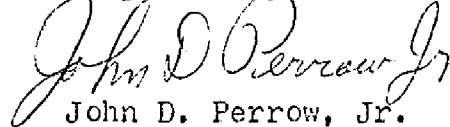
24. Supplemental Data

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:

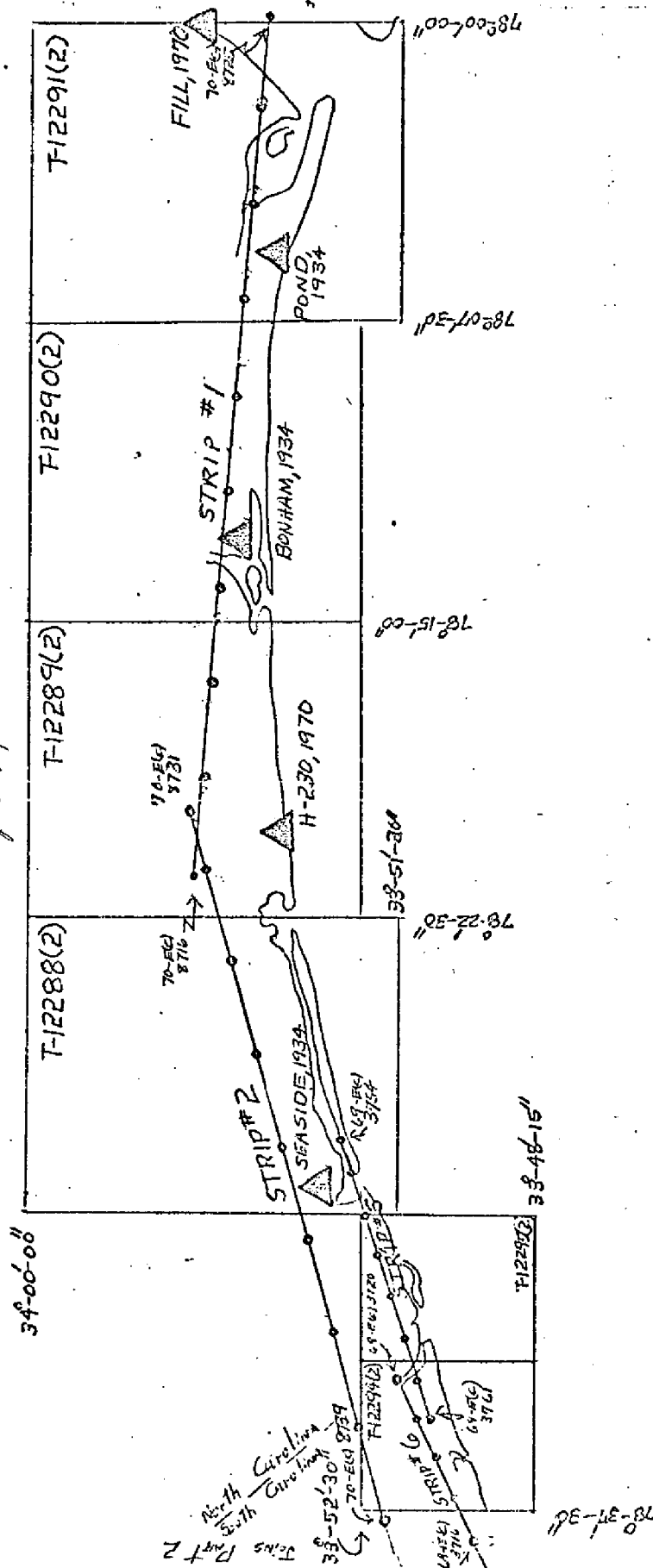

John D. Perrow, Jr.

Approved and Forwarded:


Henry P. Eichert, Chief
Aerotriangulation Section

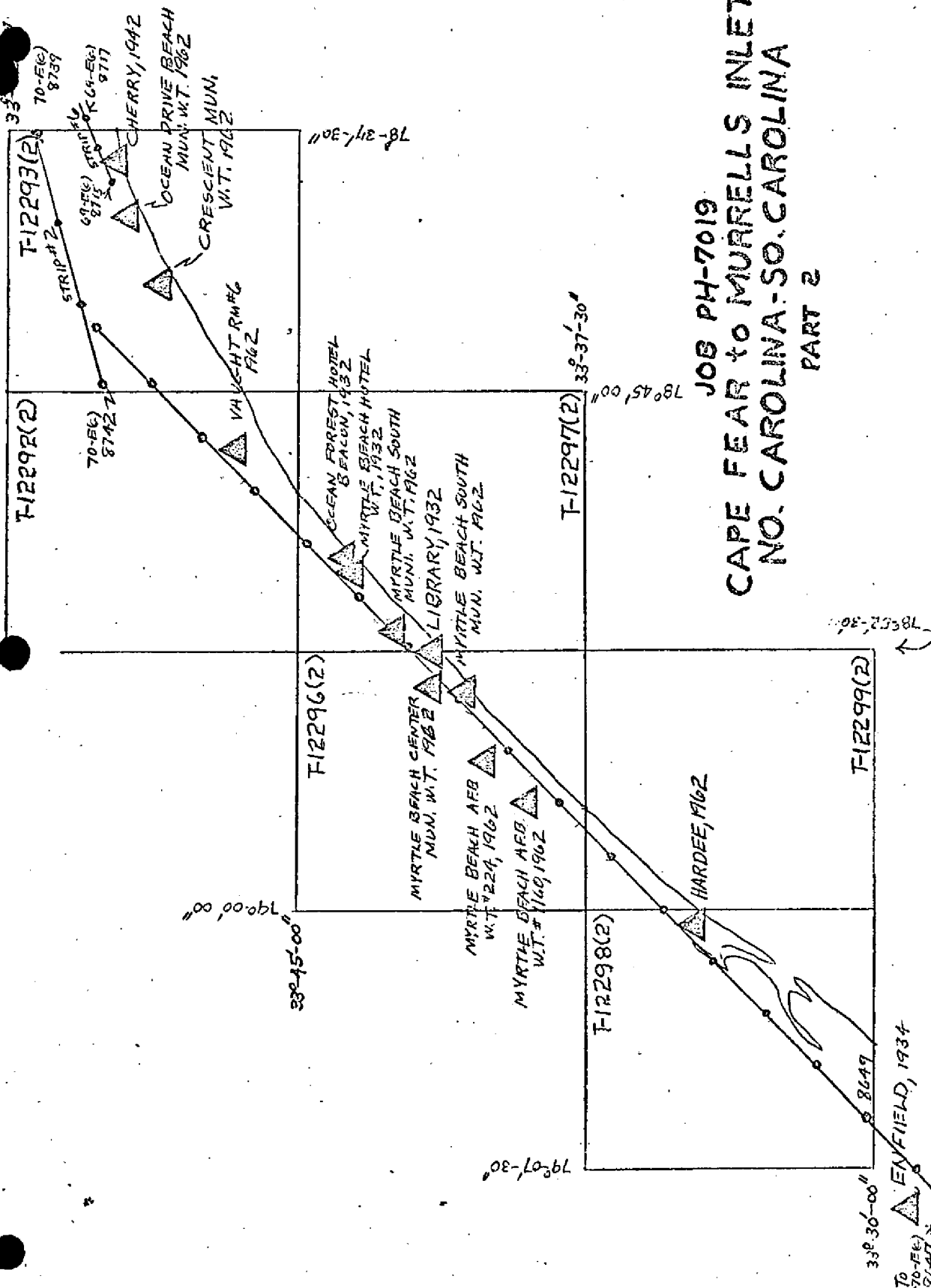
JOE PH-7019
 CAPE FEAR & MURRELLS INLET
 NO. CAROLINA--SO. CAROLINA

PART 1
 Sept 71



Trans Part 1

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



COMPILATION REPORT

T-12298 (2)

31. DELINEATION

The Wild B-8 Plotter was used. Photograph coverage was adequate. There was no field inspection prior to compilation.

32. CONTROL

See Photogrammetric Plot Report dated Sept., 1971.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable. Drainage was shown from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line and foreshore area was delineated from office interpretation of the photographs.

The low water line was delineated from ^{office interpretation of} tide controlled photographs taken at mean low water.

36. OFFSHORE DETAILS

No Statement.

37. LANDMARKS AND AIDS

Form 76-40 for 2 Non-floating aids to navigation for charting were sent to the Rockville, MD Office on April 7, 1975.

38. CONTROL FOR FUTURE SURVEYS

A sufficient number of pass points were established to facilitate the location of photo-hydro points.

39. JUNCTIONS

See Form 76-36b, Item #5.

40. HORIZONTAL AND VERTICAL ACCURACY

No Statement.

41. - 45. Not Used.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with U.S.G.S. Quadrangle BROOKGREEN, SC, scale 1:24,000, dated 1943.

A considerable natural shoreline change has occurred in the area of Murrells Inlet. Cultural changes are also evident in the area of Main Creek.

Comparison was made with T-12298 (PH-6217) of which map this manuscript is a revision. A difference in the position of some streets could not be reconciled.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 385-SC, scale 1:40,000, 8th Ed., dated Jan. 23, 1971.

Comparison was made with Chart 1237, scale 1:80,000, 4th Ed., dated Sept. 16, 1968.

Natural changes in shoreline are evident on both charts.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted:

Charles H. Bishop

for R.J. Pate, Carto. Tech.
Feb. 10, 1972

Approved:

Albert C. Rauck, Jr.

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

ADDENDUM TO THE COMPILATION REPORTFIELD EDIT

Field edit applied by use of film and paper ozalids also color ratio prints. Nonfloating aids were applied from Form 76-40 verified by field editor. All corrections and additions were made on the manuscript in red. Field edit was adequate, compilation complete.

29 Sept. 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

T-12298 (2)

Atlantic Ocean

Beach Landing

Drunken Jack Island

Garden City Beach

Goat Island

Long Bay

Magnolia Beach

Main Creek

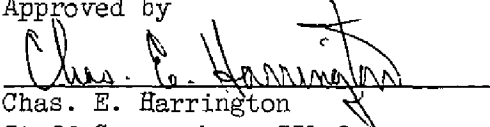
Murrells Inlet

Oaks Creek

The Point

Woodland Creek

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-12298 (2)			
1. PROJECTION AND GRIDS BW	2. TITLE BW	3. MANUSCRIPT NUMBERS X X	4. MANUSCRIPT SIZE BW
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY BW	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) X X		7. PHOTO HYDRO STATIONS X X
8. BENCH MARKS X X	9. PLOTTING OF SEXTANT FIXES X X	10. PHOTOGRAMMETRIC PLOT REPORT BW	11. DETAIL POINTS BW
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE BW	13. LOW-WATER LINE BW	14. ROCKS, SHOALS, ETC. BW	15. BRIDGES X X
16. AIDS TO NAVIGATION X X	17. LANDMARKS X X	18. OTHER ALONGSHORE PHYSICAL FEATURES BW	19. OTHER ALONGSHORE CULTURAL FEATURES BW
PHYSICAL FEATURES			
20. WATER FEATURES BW	21. NATURAL GROUND COVER X X		22. PLANETABLE CONTOURS NA
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES BW
CULTURAL FEATURES			
27. ROADS BW	28. BUILDINGS BW	29. RAILROADS X X	30. OTHER CULTURAL FEATURES BW
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES BW	34. JUNCTIONS BW		35. LEGIBILITY OF THE MANUSCRIPT
36. DISCREPANCY OVERLAY BW	37. DESCRIPTIVE REPORT BW	38. FIELD INSPECTION PHOTOGRAPHS X X	39. FORMS BW
40. REVIEWER Compilation: <i>Charles B. Wilson</i> 2/11/72		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 BY: <i>Charles Parker</i> Charles Parker Apr. 1975 Mar. 1975		SUPERVISOR: <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
43. REMARKS Field Edit was compiled from the use of one film and paper ozalids each, also 76-40 form submitted from field for final compilation.			

Field Edit Report for T-12298 (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 as requested on the Field Edit Ozalid because in a phone call from Atlantic Marine Center, it was stated that the shoreline will be mapped as of date of photography. The area called The Point is under construction with roads and buildings. These features were not located because they are incomplete. The two aids in Murrells Inlet were located by planetable on the cronaflex copy.

52. ACCURACY OF COMPILATION

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

53. MAP ACCURACY

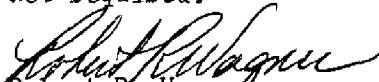
No test required.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Not required.


Robert R. Wagner

Chief, Photo Party 60

[illegible]

REVIEW REPORT T-12298 (2)

SHORELINE

February 13, 1976

61. GENERAL STATEMENT:

This map is a resurvey of T-12298. See Summary, which is page 6 of this Descriptive Report.

Murrells Inlet is an area of shifting sand bars and shoreline subject to frequent change. Cartographic comparison indicates that T-12298 is the source of mean high water line for Survey H-9102 and Chart 11534.

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

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with T-12298, 1:20,000 scale, dated 1965. Significant differences are shown in blue on the comparison print.

In the area compared, T-12298 (2) supersedes T-12298 for nautical chart construction purposes. T-12298 is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangle BROOKGREEN, SC, 1:24,000 scale, dated 1943. Significant differences are shown in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with verified copies of the smooth sheets for Surveys H-9289 (MI-20-1-72) and H-9102 (WH-20-1-65). Significant differences with H-9102 are shown on the comparison print in purple. There are no differences with H-9289.

The mean low water line compiled from tide controlled photographs taken at mean low water on April 8, 1970 was retained; it is probably more accurate than the mean low water line determined by hydrography in 1965.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 11534, 1:40,000 scale, 12th edition, dated Mar. 1975. Significant differences with this chart are the same as differences with T-12298 and H-9201.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Submitted:

Charles H. Bishop

Charles H. Bishop
Cartographer
February 13, 1976

Approved for forwarding:

Albert C. Rauck, Jr.

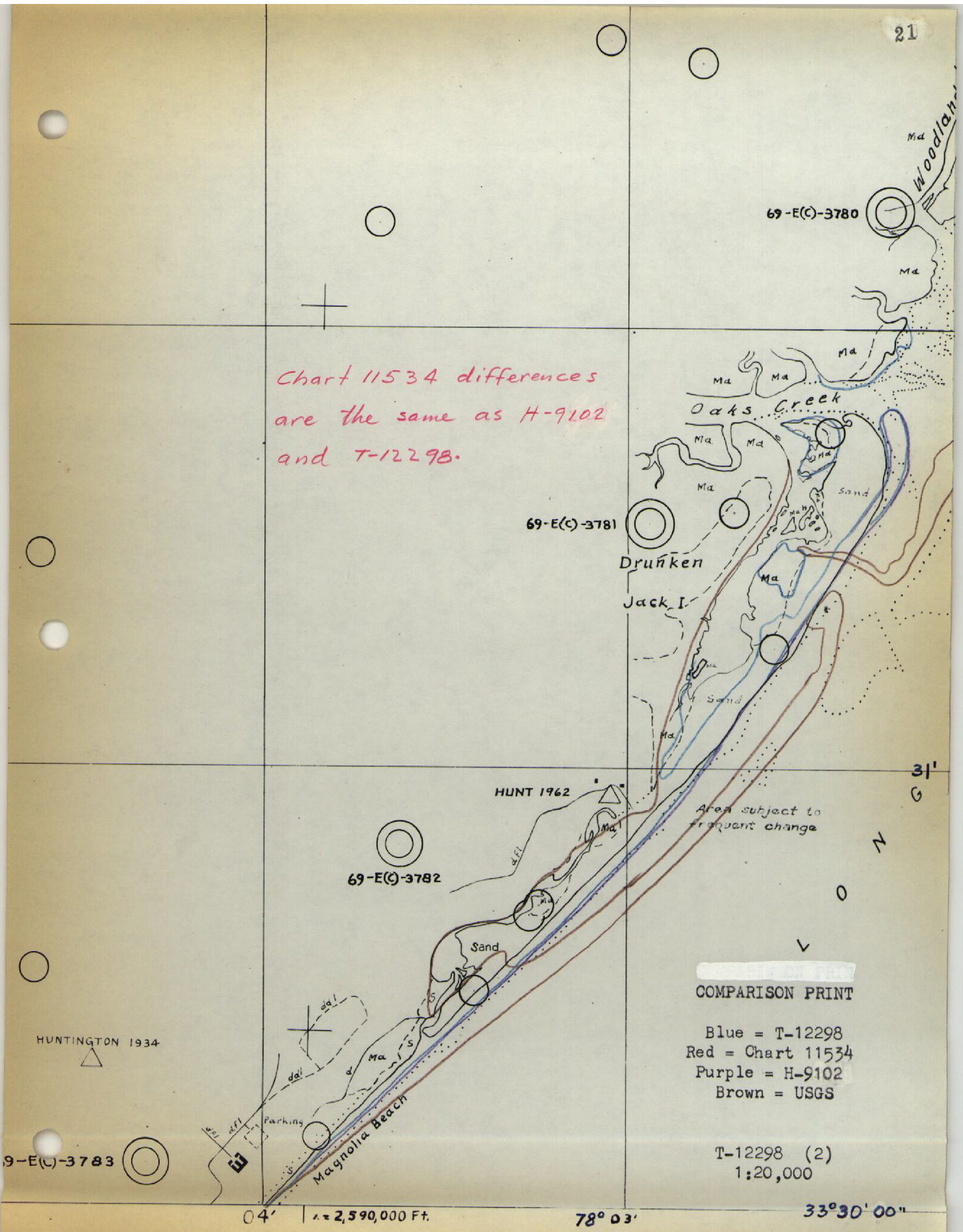
Albert C. Rauck, Jr.
Acting Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

Chart 11534 differences
are the same as H-9102
and T-12298.



COMPARISON PRINT

- Blue = T-12298
- Red = Chart 11534
- Purple = H-9102
- Brown = USGS

T-12298 (2)
1:20,000

0 4' | 2,590,000 Ft.

78° 03'

33° 30' 00"

69-E(C)-3778

Y=210,000 Ft. 22

DAY BEACON 13

Ma

Beach

Landing

Area subject to frequent change

33°
33'

DAY BEACON 8
69-E(C) 3779

Ma

Creek

LINA 1962

NOTE:

"The photogrammetric location and delineation of features offshore from the mean high-water line on this survey may not be complete or final. The contemporary reviewed hydrographic survey of the area where available, should be consulted for the final delineation."

Chart 11534 differences are the same as H-9102 and T-12298.

Area under construction

32'

Y=200,000 Ft.

COMPARISON PRINT

Blue = T-12298
Red = Chart 11534
Purple = H-9102
Brown = USGS

T-12298 (2)
1:20,000

ATLANTIC

33°
31'

79°00'00"

2

01'

