

T- 12293 (2)

T-12293(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-12293(2)..
Classification No. Edition No.²..
Field Edited Map

LOCALITY

State South Carolina
..... Cape Fear, NC to
General Locality Murrells Inlet, SC
Locality Crescent Beach

1969 TO 1972

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 <input type="checkbox"/> ORIGINAL <input checked="" type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY XXX T-12293(2) MAP EDITION NO. (2) MAP CLASS Final JOB PH. 7019	
DESCRIPTIVE REPORT - DATA RECORD				LAST PRECEDING MAP EDITION TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL T-12293 <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED			
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division (Norfolk)				JOB PH. 6217 MAP CLASS SURVEY DATES: 1963 TO 1965			
OFFICER-IN-CHARGE Jeffrey G. Carlen							
I. INSTRUCTIONS DATED							
1. OFFICE Aerotriangulation - Jan. 15, 1971 Compilation - Jan. 21, 1972 Office Supplement I - Jan. 25, 1972				2. FIELD Aug. 26, 1970 Dec. 8, 1970			
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL				OTHER (Specify)			
3. MAP PROJECTION Polyconic				4. GRID(S) STATE South Carolina ZONE North			
5. SCALE 1:20,000				STATE ZONE			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY METHOD: Stereoplanigraph LANDMARKS AND AIDS BY				J. Perrow		Sept. 1971	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradamat CHECKED BY				D. Phillips		Oct. 1971	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				T.J. Bulfer		Feb. 1972	
INSTRUMENT: Wild B-8 SCALE: 1:20,000 CONTOURS BY				A.L. Shands		Feb. 1972	
4. MANUSCRIPT DELINEATION PLANIMETRY BY Wild B-8 and Graphic CHECKED BY METHOD: CONTOURS BY				L.O. Neterer, Jr.		Feb. 1972	
SCALE: 1:20,000 HYDRO SUPPORT DATA BY				R.J. Pate		Feb. 1972	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				F.J. Pate		Feb. 1972	
6. APPLICATION OF FIELD EDIT DATA BY				R.R. White		Sept. 1974	
7. COMPILATION SECTION REVIEW BY				C.E. Blood		Apr. 1975	
8. FINAL REVIEW BY				C.H. Bishop		Apr. 1975	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				C.H. Bishop		Feb. 1976	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				C.H. Bishop		Mar. 1976	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R. CATDR		MAY 1976	

NOAA FORM 76-36B
(3-72)T-12293 (2)
COMPILATION SOURCESU. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 E & K		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR <input checked="" type="checkbox"/> (P) PANCHROMATIC (I) INFRARED <input checked="" type="checkbox"/>		ZONE Eastern	
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
69 E 3710 - 3716	4 DEC 1969	09:36	1:20,000	0.8 ft. above MLW	
* 70 K 5420 - 5426	8 APR 1970	14:32	1:20,000	± 0.2 ft. of MLW	
70E(C) 8662 - 8664	5 DEC 1970	10:25	1:40,000	3.4 ft. above MLW	
70E(C) 8739 - 8741	6 DEC 1970	10:37	1:40,000	2.4 ft. above MLW	
				MR	MTL
REMARKS Reference Station: Charleston, SC			5.2	2.6	
Subordinate Station: Tubbs Inlet, NC			4.5	2.2	

2. SOURCE OF MEAN HIGH-WATER LINE:

From photo interpretation of Dec, 6, 1970 color bridging photographs;
photo centers not shown.

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

*Tide controlled infrared photography taken April 8, 1970;
photo centers not shown.

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-12294(2)	SOUTH No Contemp. Survey	WEST T-12292(2)
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REMARKS

T-12293(2)
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J.K. Wilson	Nov. 12/70
2. HORIZONTAL CONTROL	RECOVERED BY R.E. Kesselring	Nov. 12/70
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY R.E. Kesselring	Nov. 12/70
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	
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

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70E(C)8740	CHERRY, 1962		

3. PHOTO NUMBERS (Clarification of details)

NA

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)

1 Form 76-53 Control Station Identification

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-12293 (2)
HISTORY OF FIELD OPERATIONS.I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	Sept 1972
2. HORIZONTAL CONTROL	RECOVERED BY R. Pawlowski ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	1974
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 R. Kesselring LOCATED (Field Methods) BY R. Kesselring IDENTIFIED BY None	Aug - Sept 1972 Sept 1972
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY R. Kesselring	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED
None2. VERTICAL CONTROL IDENTIFIED
NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

69 E 3716

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
69E(C)3716	Cherry Grove Pier Obstruction Lights		
69E(C)3714	Tilghman Beach Pier Obstruction Lights		
69E(C)3711	Crescent Beach Pier Lights (Priv.)		
69E(C)3711	Windy Hill Beach Pier Lights (Priv.)		
69E(C)3711	Kitts Fishing Pier Obstruction Lights		

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

7. SUPPLEMENTAL MAPS AND PLANS

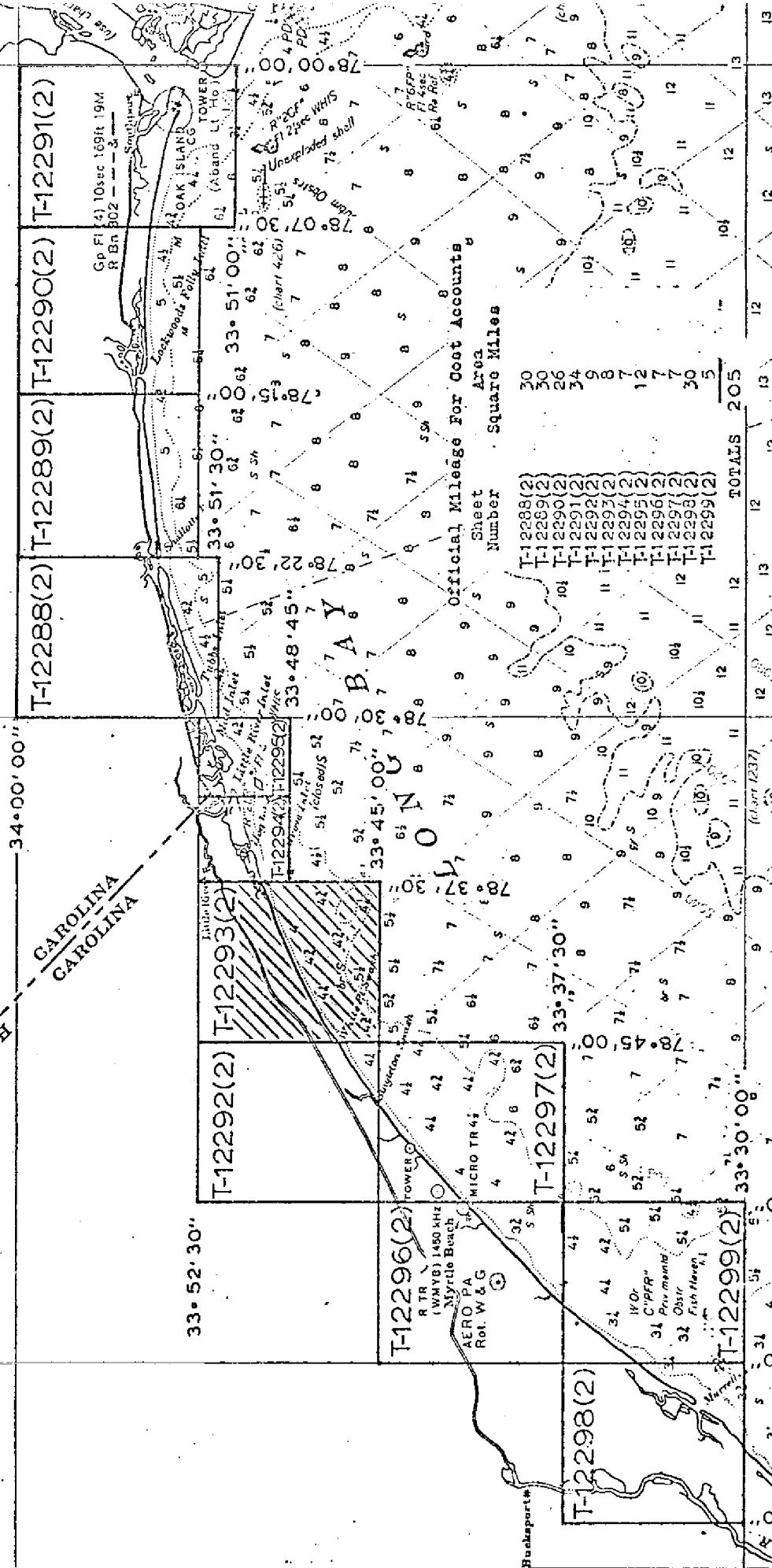
None

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

- 1 Field Edit Ozalid
- 3 Form 76-40 Nonfloating Aids or Landmarks for Charts
- 1 Field Edit Report

SEAR R

NORTH
SOUTH



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>
	<u>Experienced</u> Photogrammetrist	<u>Trainee</u>	
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>
	<u>Experienced</u>	<u>Trainee</u>	
	<u>Photogrammetrist</u>		
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.

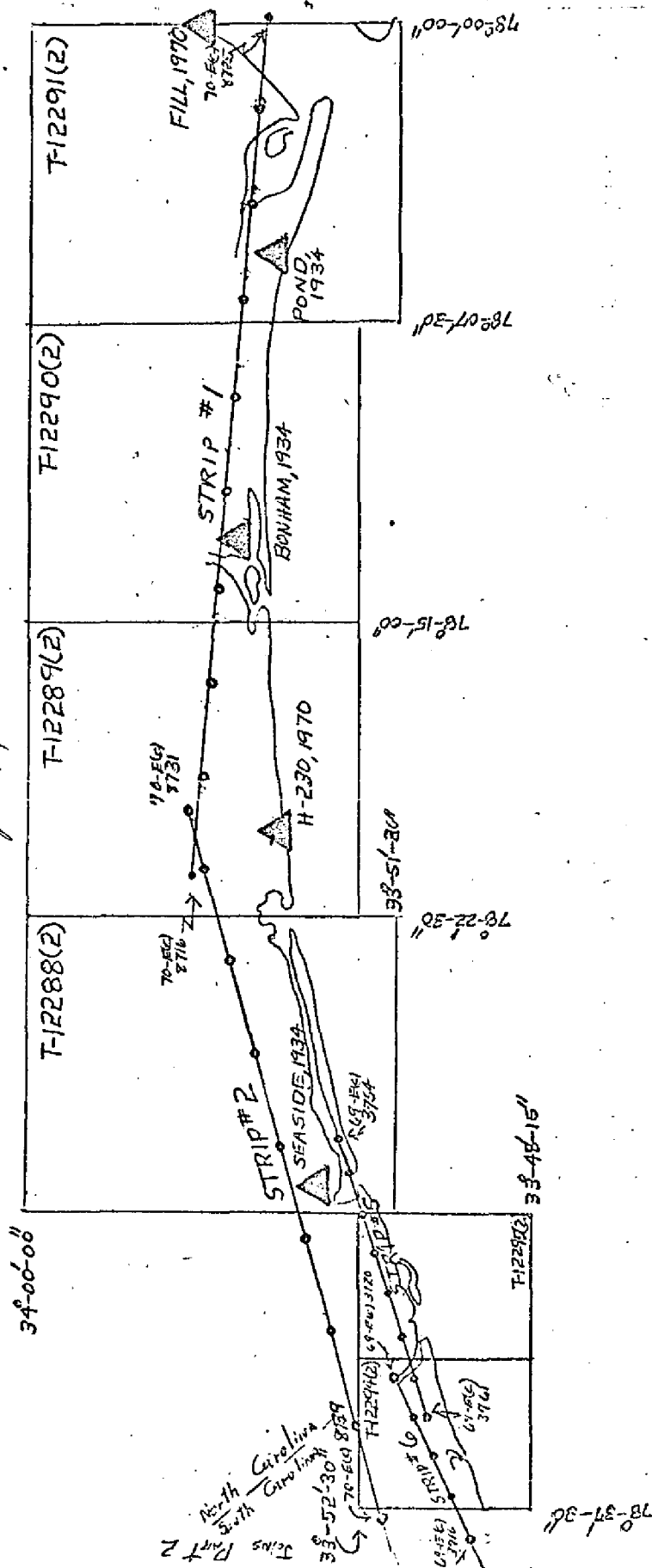
Approved and Forwarded:

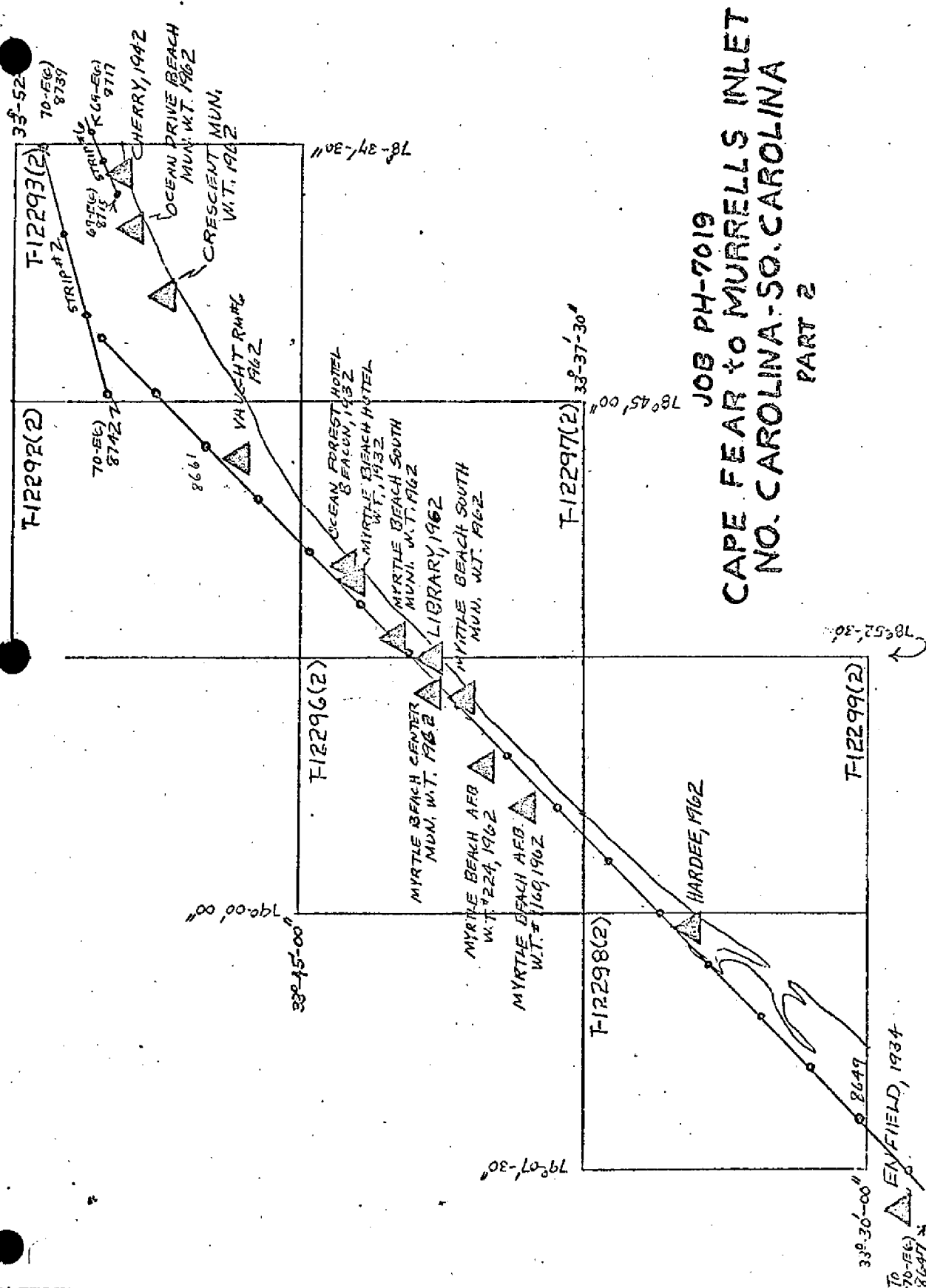

Henry P. Eichert, Chief
Aerotriangulation Section

JOE H-7019

PART I

Sept 71





COMPILATION REPORT

T-12293(2)

31. DELINEATION

The delineation of the mean high water line was by office interpretation of the Dec., 1970 photography on the Wild B-8. The mean low water line was compiled graphically from office interpretation of the April, 1970 infrared photography. The Dec., 1969 photography was used for photo-hydro support.

32. CONTROL

See "Photogrammetric Plot Report", PH-7019 dated Sept., 1971.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable.

Drainage was mapped from office interpretation of the Dec., 1970 photography.

35. SHORELINE AND ALONGSHORE DETAILS

See Par. #31.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

Forms 76-40 for 4 Landmarks for charting, 5 Non-floating aids to navigation, 1 Landmarks for deletion and 0 Non-floating aids to navigation to be deleted were sent to the Rockville, MD 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

41. - 45. Not Used.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with Shoreline Manuscript T-12293. There is a shift in cultural detail in a northwest direction when the projection lines are matched.

A comparison was made with AMS Quadrangle WAMPÉE, SC, dated 1947, scale 1:24,000.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 1237, 1:80,000 scale, dated Sept. 16, 1968; and with Chart 835-SC, scale, 1:40,000, dated March, 1971.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Respectfully submitted:

Lowell O. Neterer, Jr.
Lowell O. Neterer, Jr.
Cartographic Technician
February 22, 1972

Approved:

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

ADDENDUM TO THE COMPILATION REPORT

T-12293(2)

FIELD EDIT

Field edit was good except that the field editor did not identify the lights on the ends of the piers.- he only indicated the piers.

29 Sept. 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

T-12293 (2)

Atlantic Beach

Atlantic Ocean

Cherry Grove Beach

Crescent Beach

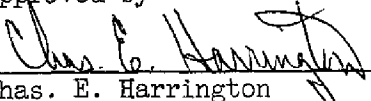
Long Bay

Ocean Drive Beach

White Point Swash

Windy Hill 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-12293 (2)

1. PROJECTION AND GRIDS RJP	2. TITLE RJP	3. MANUSCRIPT NUMBERS RJP	4. MANUSCRIPT SIZE RJP
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RJP	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 RJP	11. DETAIL POINTS RJP
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE RJP	13. LOW-WATER LINE RJP	14. ROCKS, SHOALS, ETC. X X	15. BRIDGES RJP
16. AIDS TO NAVIGATION RJP	17. LANDMARKS RJP	18. OTHER ALONGSHORE PHYSICAL FEATURES RJP	19. OTHER ALONGSHORE CULTURAL FEATURES RJP
PHYSICAL FEATURES			
20. WATER FEATURES RJP	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 RJP
CULTURAL FEATURES			
27. ROADS RJP	28. BUILDINGS RJP	29. RAILROADS X X	30. OTHER CULTURAL FEATURES X X
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES RJP	34. JUNCTIONS RJP		35. LEGIBILITY OF THE MANUSCRIPT RJP
36. DISCREPANCY OVERLAY RJP	37. DESCRIPTIVE REPORT RJP	38. FIELD INSPECTION PHOTOGRAPHS X X	39. FORMS RJP
40. REVIEWER <i>Charles H. Bishop</i> for <i>R.J. Pate</i> Feb. 24/72		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.			
COMPILER <i>R.R. White</i> Sept, 1974 <i>R.E. Blood</i>		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
Reviewer: <i>C.E. Blood</i> Apr., 1975			
43. REMARKS Field edit applied from: Field Edit ozalid and field photos 69E(C)3711, 3714, & 3716			

Field Edit Report for T-12293 (2)51. METHODS

The manuscript was inspected by truck and all questions asked on the Field Edit Ozalid are answered. 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 the date of photography. Field edit data will be found on the field edit ozalid and photograph 69E3716.

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 S. Tibbetts
Robert S. Tibbetts
Chief, Photo Party 62

REVIEW REPORT T-12293 (2)

SHORELINE

February 2, 1976

61. GENERAL STATEMENT:

This survey is a resurvey of T-12293. See Summary, which is page 6 of this Descriptive Report.

A comparison print, showing differences noted in Par. 63 and 65, is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with T-12293, 1:20,000 scale, dated 1965. No significant differences in shoreline were noted. Small datum shifts in cultural detail are attributed to human error in scribing T-12293. A careful photo check does not indicate inaccuracy in T-12293 (2).

In the area compared, T-12293 (2) supersedes T-12293 for nautical chart construction purposes. T-12293 is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with AMS Quadrangle WAMPEE, SOUTH CAROLINA, 1:24,000 scale, dated 1947. No piers are shown on the quadrangle. Significant shoreline differences are shown on the comparison print in brown.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with a copy of the verified smooth sheet for Survey H-9229 (WH-20-1-71). No significant differences were noted.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 11534, 1:40,000 scale, 12th edition, dated March, 1975. Significant differences are shown on the comparison print in red.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Submitted by:

Charles H. Bishop

Charles H. Bishop

Cartographer

February 2, 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

44'

78°43'

23

33°49'

CRESCENT, 1962

CRESCENT
MUNICIPAL
TANK 1962
ht: 131 (153)

Crescent

Field Edit note: (Sept. 1972)

"Drains above MHWL"

This was interpreted to mean
that the drains do not extend
seaward from the MHWL.

Atlantic Beach

storm d

Bldg on pier

CRESCENT BEA

TANK
Steel ht. = 132 (165) ft.

Pier position on
chart not same
as on T-12293 (2)

Windy Hill Beach

Bldgs on pier

WINDY HILL BEACH PIER LIGHTS

69-E(c)-3711

Field Edit Note:
"Nothing here"
(Sept. 1972)

KIT, 1962
Foot Bridge

KITTS FISHING PIER OBSTRUCTION LIGHTS

White Point Swash

69-E(c)-3710

33°47'

COMPARISON PRINT

Red = Chart 11534

Brown = AMS Quad

A

T

L

T-12293 (2)

1:20,000

42'

41'

24

78°40'

33°
50'

Field Edit Note: (Sept 1972)

"Sewage outfall; mouth
of buried pipe is on
MHWL now"

OCEAN DRIVE BEACH
MUNICIPAL WATER TANK 1962
ht= 135 (153) ft.

Ocean Drive
Beach

Bldgs on Pier

TILGHMAN BEACH PIER

69-E(c)-3714

storm drain

storm drain

69-E(c)-3713

Field Edit Note: (Sept. 1972)

"Drains above MHWL" This
was interpreted to mean that
the drains do not extend
seaward from the MHWL.

storm drain

storm drain

69-E(c) 3712

BEACH
WATER

ent Beach

rain

CH PIER LIGHTS

COMPARISON PRINT

Red = Chart 11534

T-12293 (2)
1:20,000

33°48'

25

33°
51'TANK
ht=129/132/ft

69-E(c)-3716

Cherry Grove Beach

CHERRY 1962

69-E(c)-3715

CHERRY GROVE PIER OBSTRUCTION LIGHTS

50'

Y=310,000 FT.

OBSTRUCTION LIGHTS

COMPARISON PRINT

Brown = AMS Quad

T-12293(2)
1:20,00033°
49'

78°37'30"