

TP-00692



TP-00692

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. CM-7219	Map No. TP-00692
Classification No.	Edition No. 1
Field Edited Map	
LOCALITY	
State North Carolina	
General Locality Cape Fear to Cape Lookout	
Locality Alligator Bay	
<hr/> 1972 TO 1974 <hr/>	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. <u>00692</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. <u>(1)</u>	
				<input type="checkbox"/> RESURVEY		MAP CLASS <u>Final(F.E.)</u>	
				<input type="checkbox"/> REVISED		JOB <u>XRM: CM-7219</u>	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Coastal Mapping Division, Norfolk, VA				TYPE OF SURVEY		JOB PH. _____	
OFFICER-IN-CHARGE				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
Jeffrey G. Carlen, Cdr.				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Dec. 4, 1972 Aerotriangulation				Sept. 15, 1972			
Apr. 4, 1973 Compilation							
Apr. 6, 1973 Amend. I				Sept. 21, 1973			
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER				OTHER (Specify)			
<input type="checkbox"/> MEAN LOW-WATER							
<input type="checkbox"/> MEAN LOWER LOW-WATER							
<input type="checkbox"/> MEAN SEA LEVEL							
3. MAP PROJECTION				4. GRID(S)			
Polyconic				STATE		ZONE	
				North Carolina			
5. SCALE				STATE		ZONE	
1:20,000							
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				J.E. Schad		Mar. 21/73	
METHOD: Stereoplanigraph LANDMARKS AND AIDS BY							
2. CONTROL AND BRIDGE POINTS PLOTTED BY				D. Phillips		Mar. 21/73	
METHOD: Calcomp. CHECKED BY							
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				Frank Margiotta		May, 1973	
COMPILED CHECKED BY				L.O. Neterer		May, 1973	
INSTRUMENT: Wild B-8 CONTOURS BY				NA			
SCALE: 1:20,000 CHECKED BY				NA			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				Frank Margiotta		May, 1973	
METHOD: Wild B-8 and Graphic CHECKED BY				A.C. Rauck, Jr.		May, 1973	
METHOD: Smooth ink drafting CONTOURS BY				NA			
SCALE: 1:20,000 CHECKED BY				NA			
HYDRO SUPPORT DATA BY				NA			
CHECKED BY				NA			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				A.C. Rauck, Jr.		May, 1973	
6. APPLICATION OF FIELD EDIT DATA BY				R.R. White		Aug. 1974	
CHECKED BY				A.L. Shands		Feb. 1975	
7. COMPILATION SECTION REVIEW BY				A.L. Shands		Feb. 1975	
8. FINAL REVIEW BY				C. H. Bishop		Mar. 1976	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY							
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY							
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R. T. CATOR		AUG 1976	

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "E" & RC-10 "C"		TYPES OF PHOTOGRAPHY LEGEND X (C) COLOR (P) PANCHROMATIC X (!) INFRARED	TIME REFERENCE	
TIDE STAGE REFERENCE HAMPTON ROADS <input checked="" type="checkbox"/> PREDICTED TIDES New River Inlet <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY			ZONE Eastern	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
			MERIDIAN 75th	

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
* 72 E(C) 6719 and 6720	20 Oct 72	13:28	1:40,000	0.9 ft. above MLW
** 73 C(CI) 6151 and 6152	11 Nov 73	14:15	1:60,000	±0.2 ft of MLW
** 73 C(CI) 4792 and 4793	15 Oct 73	11:25	1:60,000	±0.2 ft of MLW

REMARKS
 *Bridge and compilation photos
 **Tide coordinated photos at MHW and MLW, based on predicted tides.

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from office interpretation of the 1972 photography listed under 1 above and verified or corrected graphically by use of the 1973 tide coordinated* photographs when they became available.
 *Based on predicted tides.

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

The mean low waterline was compiled graphically from office interpretation of the tide coordinated* infrared photographs listed under 1 above.
 *Based on predicted tides.

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 contemporary survey	EAST TP-00693	SOUTH TP-00698	WEST No contemporary survey
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REMARKS

TP-00692

HISTORY OF FIELD OPERATIONS.

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.S. Tibbetts	Oct. 10/72
2. HORIZONTAL CONTROL	RECOVERED BY	R.E. Kesselring
	ESTABLISHED BY	NA
	PRE-MARKED OR IDENTIFIED BY	R.E. Kesselring
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	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
72E(C)6719	GRANT, 1932		

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

SUPPLEMENTAL MAPS AND PLANS
None

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

- 1 Form 152 CSI Card
- 2 Form MA 100 Tellurometer Observations

HISTORY OF FIELD OPERATIONS.

I. <input checked="" type="checkbox"/> FIELD INSPECTION OPERATION		<input type="checkbox"/> FIELD EDIT OPERATION.	
OPERATION	NAME	DATE	
1. CHIEF OF FIELD PARTY	R. Tibbetts	Sept. 1973	
2. HORIZONTAL CONTROL	RECOVERED BY	None	
	ESTABLISHED BY	None	
	PRE-MARKED OR IDENTIFIED BY	R.D. Black	Sept. 1973
3. VERTICAL CONTROL	RECOVERED BY	NA	
	ESTABLISHED BY	NA	
	PRE-MARKED OR IDENTIFIED BY	NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (<i>Triangulation Stations</i>) BY	None	
	LOCATED (<i>Field Methods</i>) BY	None	
	IDENTIFIED BY	None	
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		
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
	GRANT 1932		
3. PHOTO NUMBERS (<i>Clarification of details</i>)			
None			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED			
None			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
5. GEOGRAPHIC NAMES: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS			
None			
8. OTHER FIELD RECORDS (<i>Sketch books, etc. DO NOT list data submitted to the Geodesy Division</i>)			
4 Form 152 Control Station Identification cards for GRANT 1932			
2 Form 738 Traverse Computation by Latitudes and Departures			
1 Form 266 Observation of Sun for Azimuth and Time			
1 Form 269c Computation of Altitude and Time Azimuth			

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HISTORY OF FIELD OPERATIONS.

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	P.B. Walbolt	1974
2. HORIZONTAL CONTROL	RECOVERED BY P.B. Walbolt	1974
	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 None	
	IDENTIFIED BY None	
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	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED None 2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)
None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED
None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: REPORT 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)
Field Edit Ozalid
Field Edit Report

I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	May, 1973	Class III Manuscript Superseded	None	5/8/73
Field edit applied Compilation complete	Aug. 1974	Class I Superseded	6/3/75	
Final Review	Mar. 1976			

II. LANDMARKS AND AIDS TO NAVIGATION None

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

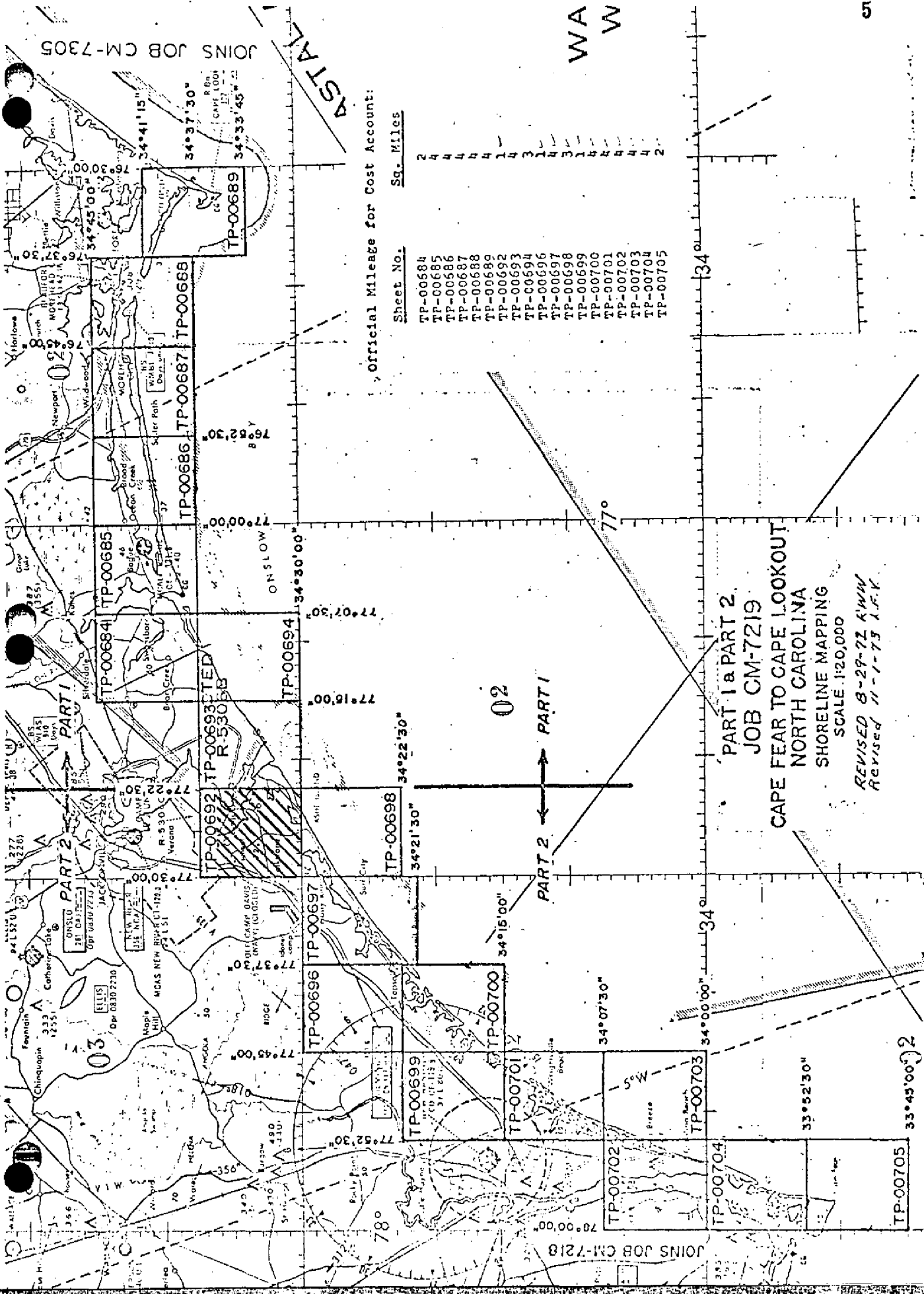
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
 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 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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (2)	PH - _____	<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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (3)	PH - _____	<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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (4)	PH - _____	<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



JOINS JOB CM-7305

ASTAL

Official Mileage for Cost Account:

Sheet No.	Sq. Miles
TP-00684	2
TP-00685	4
TP-00686	4
TP-00687	4
TP-00688	4
TP-00689	4
TP-00692	1
TP-00693	1
TP-00694	3
TP-00696	4
TP-00697	3
TP-00698	3
TP-00699	1
TP-00700	1
TP-00701	4
TP-00702	4
TP-00703	4
TP-00704	4
TP-00705	2

WA
W

PART 1a PART 2
JOB CM-7219
CAPE FEAR TO CAPE LOOKOUT
NORTH CAROLINA
SHORELINE MAPPING
SCALE 1:20,000
REVISED 8-29-72 K/WW
REVISED 11-1-73 J.F.V.

JOINS JOB CM-7218

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORTS TP-00692 and TP-00697 through TP-00705

Project CM-7219 is one of several projects that comprise the Southern Coastal Plains Expedition (SCOPE). It is a 1:20,000 scale shoreline mapping project which contains eighteen maps. Except for Map TP-00705, the maps referred to in this summary are not standard shoreline surveys because compilation was limited to the ocean shoreline only, per Instructions - OFFICE - Job CM-7219, Part II, Cape Fear to Cape Lookout, North Carolina, Shoreline Mapping, dated 4/4/73, Items 4.03 and 4.04. The entire area of TP-00705 was mapped; it was copied from a reduction of 1:10,000 scale Map TP-00683 (Job CM-7218) which covers the same area.

This summary is for Part II of the project. It covers the area between New River Inlet and Cape Fear.

Field work prior to compilation consisted of recovery and premarking horizontal control required for bridging and the obtaining of beach profiles. These profiles were not made within the time limit specified in instructions dated September 28, 1972 and were too widely spaced. Therefore, they were considered of no value and were not used as a source for mean high or mean low water lines.

Bridging was done in the Rockville Office in March 1973 using the Zeiss C-8 stereoplanigraph with 1:40,000 scale photography dated October 20, 1972. See Photogrammetric Plot Report following this summary.

Compilation was done at the Atlantic Marine Center in April and May 1973, using the 1972 bridging photography for compilation of interior details and initial compilation of the mean high water line. Later, at the time field edit was applied and the tide coordinated infrared photography (based on predicted tides) was available, the mean high water line was corrected where necessary, to agree with the photographs taken at MHW and the mean low water line was delineated graphically from the MLW photographs.

Field edit was done in May and July 1974, except for the area covered by TP-00705, which was edited in August 1973.

Final review was done at the Atlantic Marine Center in March through June 1976.

The original manuscripts were stabilene sheets $7\frac{1}{2}$ minutes in latitude by $7\frac{1}{2}$ 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 CM-7219
Cape Fear - Cape Lookout, North Carolina
Part II
March 21, 1973

21. Area Covered

The area covered in this report extends along the North Carolina shoreline from Cape Fear to the vicinity of New River Inlet. Included in this area are 11 T-sheets: TP-00692; TP-00696 thru TP-00705; all are at 1:20,000 scale.

22. Method

Two strips of 1:40,000 color photography were bridged on the Zeiss C-8 stereoplanigraph and adjusted by the IBM computer. The two strips were used to obtain pass point positions for the models and to determine the scale ratio for strips #4, #5, and #6.

Compilation points were positioned on strip #5 to set photos 72E(c) 6756 thru 6760.

Strip #1 (72E(c) 6722 thru 6739) was adjusted on four field identified triangulation stations with five office identified stations, as checks.

Strip #2 (72E(c) 6706 thru 6720) was adjusted on five triangulation stations, three tie points and three triangulation stations were used as checks. All horizontal tie points were averaged. T-sheets were ruled on North Carolina plane coordinates and plotted on the Coradomat.

23. Adequacy of Control

Horizontal control complied with project instruction and held within the National Map Accuracy Standard.

24. Supplemental Data

All vertical control needed for adjustment was taken from USGS quadrangles and are approximate mean sea level. The vertical points obtained by bridging are not necessarily true values.

25. Photography

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

Respectfully submitted

James E. Schad
James E. Schad

Approved by:

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

Chief, Aerotriangulation Section

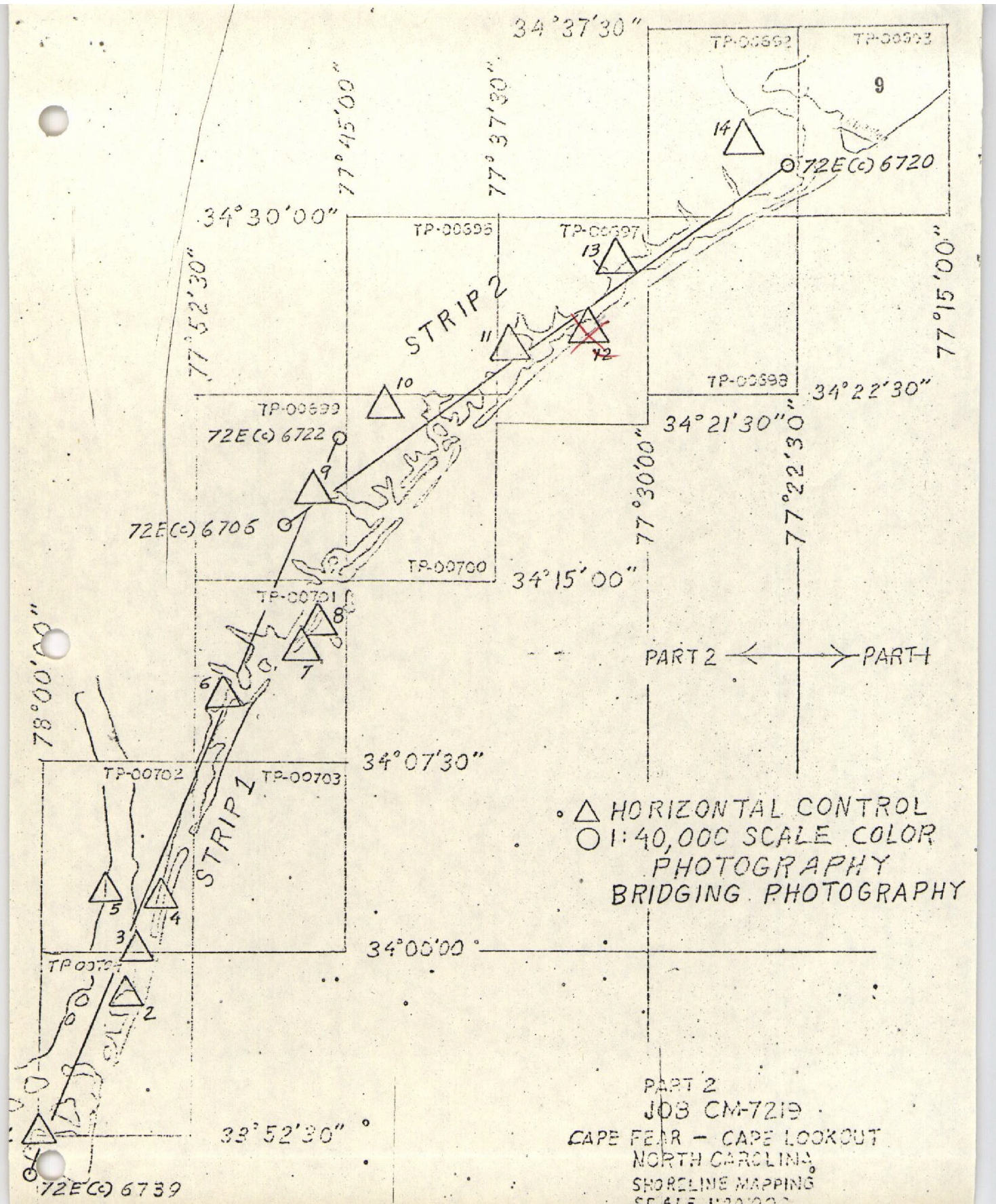
Notes to Compiler
Job. CM-7219
Cape Fear - Cape Lookout, North Carolina

The shoreline area from the vicinity of Mason Inlet to New Topsoil Inlet (TP-00700) must be compiled from strip #5 (72E(c)6756 thru 6760) either by setting the models or by graphic methods. In order to control this area, "900" series points were determined from bridging strip #2.

Beach cross section points, which were field identified on black/white contact print, have been horizontally positioned from bridging strips #1 and #2 and are identified with "400" series numbers.

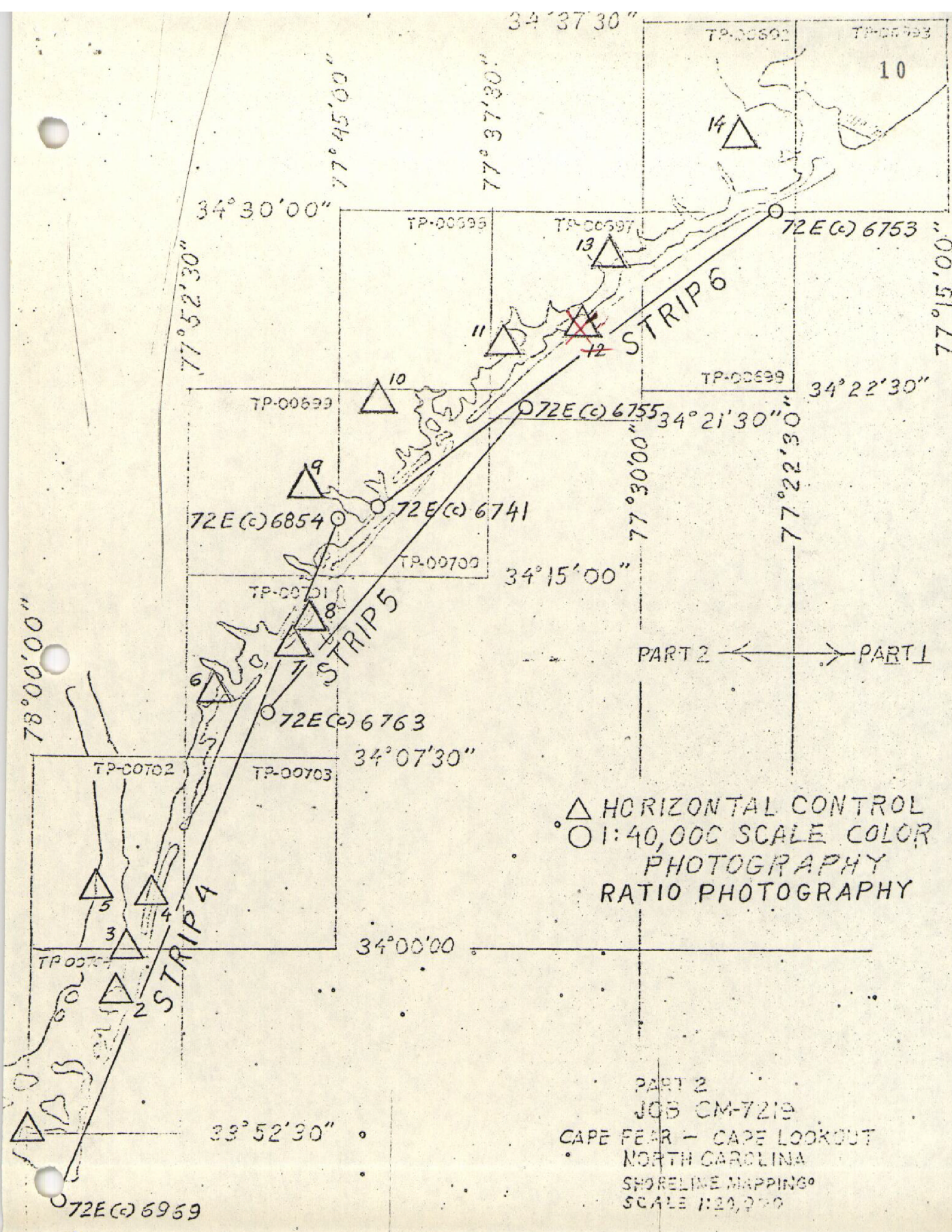
Strip # 1	Photo number	Field number
	25401	01-02 (68E 3232)
	25400	03-03 (68E 3232)
	26400	01-01 (68E 3419)
	31400	02-01 (68E 3428)
Strip #2	10400	00-01 (68E 3244)
	14400	97-01 (68E 3249)
	16400	97-02 (68E 3252)
	18400	98-02 (68E 3270)
	19400	98-01 (68E 3272)

Rather of strips 4, 5, and 6 were ordered
JCP



• Δ HORIZONTAL CONTROL
 • \circ 1:40,000 SCALE COLOR PHOTOGRAPHY
 BRIDGING PHOTOGRAPHY

PART 2
 JOB CM-7219
 CAPE FEAR - CAPE LOOKOUT
 NORTH CAROLINA
 SHORELINE MAPPING
 SCALE 1:20,000



PART 2
 JOB CM-7219
 CAPE FEAR - CAPE LOOKOUT
 NORTH CAROLINA
 SHORELINE MAPPING
 SCALE 1:20,000

JOB CM-7219

KEY TO HORIZONTAL CONTROL
USE FOR BRIDGING.

1. BALD HEAD LIGHTHOUSE, 1851
2. FEDERAL POINT, 1913
3. KURE BEACH W.T., 1913
4. CAROLINA BEACH MUN. W.T., 1968
5. RUINS, 1917
6. MASON, 1918
7. WRIGHTSVILLE BEACH SOUTH MUN. W.T., 1962
8. WRIGHTSVILLE BEACH NORTH MUN. W.T., 1962
9. KIRKLAND, 1932
10. HAMPSTEAD 2, 1947
11. ATKINSON, 1914
- ~~12. SEARS LANDING, TANK 1943~~
13. BETHEA, 1932
14. GRANT, 1932

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	GEODETIC DATUM		ORIGINATING ACTIVITY		REMARKS		
					STATE	ZONE	COASTAL MAPPING SECTION, AMC	FORWARD	BACK		
TP-00692	ASHE, 1962	CM-7219	Vol. III P. 2885		N.A. 1927	North Carolina	0	φ LATITUDE	λ' LONGITUDE "	178.9 (1669.8)	
	GRANT, 1932		Vol. III P. 2883				34	30	05.80688	1526.2 (04.5)	
							77	23	59.82330	1490.8 (358.0)	
							77	24	48.38186	1241.7 (288.5)	
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COMPILATION REPORT

TP-00692

31. DELINEATION

This map was not delineated as a standard shoreline survey. See Summary, page 6 of this Descriptive Report.

Delineation was by the Wild B-8 stereoplotter, using the 1:40,000 scale color photography. Only the outer shoreline coast was compiled. No photo-hydro support data was prepared.

32. CONTROL

See Photogrammetric Plot Report, dated: Mar. 21, 1973.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

No drainage was compiled.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line and alongshore details were delineated from office interpretation of the photographs listed on Form 76-36B.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

None

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

See Form 76-36b, item #5, of the Descriptive Report.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S. Geological Survey Quadrangle: SNEADS FERRY, N.C., scale 1:24,000, dated 1952.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following National Ocean Survey chart: 1235, scale 1:80,000, 9th edition, dated May, 1971. 833-SC, scale 1:40,000, 10th edition, dated March, 1973.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Frank P. Margiotta
Frank P. Margiotta, Carto. Tech.
May 1, 1973

Approved:

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

ADDENDUM TO THE COMPILATION REPORT

TP-00692

The only change to this map by the field editor was the addition of the name "West Onslow Beach". This name was deleted by the Staff Geographer when a copy of the Class I Manuscript was submitted for Geographic Names Approval.

At the time of field edit application, the mean high water line compiled from the 1972 color photographs was verified by comparison with tide coordinated*photography listed on Form 76-36b 1. of this Descriptive Report. The mean low water line was added graphically, using tide coordinated*photography listed on Form 76-36b 1.

*Based on predicted tides.

Charles H. Bishop

Charles H. Bishop
Final Reviewer
22 March 1976

16 Oct. 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

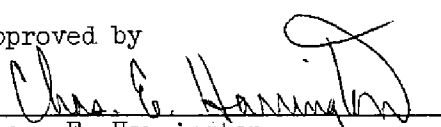
CM-7219 (Cape Fear to Cape Lookout, N.C.)

TP-00692

Atlantic Ocean

Onslow Bay

Approved by


Chas. E. Harrington

Staff Geographer--C51x2

NOAA FORM 75-74 (7-75)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
TP - 00692			
1. PROJECTION AND GRIDS ACR	2. TITLE ACR	3. MANUSCRIPT NUMBERS ACR	4. MANUSCRIPT SIZE ACR
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY ACR	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 ACR	11. DETAIL POINTS ACR
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE ACR	13. LOW-WATER LINE ACR	14. ROCKS, SHOALS, ETC. ACR	15. BRIDGES ACR
16. AIDS TO NAVIGATION ACR	17. LANDMARKS ACR	18. OTHER ALONGSHORE PHYSICAL FEATURES ACR	19. OTHER ALONGSHORE CULTURAL FEATURES ACR
PHYSICAL FEATURES			
20. WATER FEATURES ACR	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
CULTURAL FEATURES			
27. ROADS ACR	28. BUILDINGS ACR	29. RAILROADS ACR	30. OTHER CULTURAL FEATURES ACR
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES ACR		34. JUNCTIONS ACR	35. LEGIBILITY OF THE MANUSCRIPT ACR
36. DISCREPANCY OVERLAY ACR	37. DESCRIPTIVE REPORT ACR	38. FIELD INSPECTION PHOTOGRAPHS NA	39. FORMS ACR
40. REVIEWER A.C. Rauck, Jr. May, 1973 <i>Albert C. Rauck, 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.			
COMPILER Richard R. White Reviewer: A.L. Shands		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
43. REMARKS <i>A.L. Shands</i> Field edit applied from the field edit ozalid.			

FIELD EDIT FOR SHEET TP-00692
ALLIGATOR BAY; Job CM-7219, part 2

51. METHODS

This manuscript was inspected both by truck and by walking the beach. As per Paragraph 2 of Letter C344 dated 28 May 1974, it was determined that no extensive changes have occurred.

52. ACCURACY OF COMPILATION

The accuracy is good.

54. RECOMMENDATIONS

The geographic name "West Onslow Beach" should be applied to the entire beach on this manuscript.

Philip B. Walbolt

Philip B. Walbolt
Chief, Photo Party 63

REVIEW REPORT TP-00692

SHORELINE

March 19, 1976

61. GENERAL STATEMENT:

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 T-9398-S, 1:10,000 scale, dated 1955. No significant differences were noted.

TP-00692 supersedes T-9398-S for nautical chart construction purposes. T-9393-S is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangle SNEADS FERRY, N.C., 1:24,000 scale, dated 1952, photorevised in 1971. No significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys of the shoreline area were available; no comparison was made.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 11541 (833-SC), 1:40,000 scale, 12th edition, dated March 1975. No significant differences were noted.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with Instructions - OFFICE - Job CM-7219, Part II, Cape Fear to Cape Lookout, North Carolina, Shoreline Mapping, and meets requirements for Bureau Standards and National Standards of Map Accuracy.

Submitted by:

Charles H. Bishop

Charles H. Bishop
Cartographer
19 March 1976

Approved for forwarding:

Joseph W. Vonasek

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

S. L. Blankinbale
In A. K. Heywood

Chief, Photogrammetric Branch ^B

Walter Schinner

Chief, Coastal Mapping Division

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. *JP*

00692

INSTRUCTIONS

- A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
- 1. Letter all information.
- 2. In "Remarks" column cross out words that do not apply.
- 3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
777	5/78	M. Sutherland	Full Part Before After Verification Review Inspection Signed Via
<i>Reapplied</i>	6/79	R. Hickey	Drawing No. 18 / 19 <i>Reapplied</i>
833 <i>1/2</i>	6/79	R. Hickey	Full Part Before After Verification Review Inspection Signed Via Drawing No. 17
1235	5/78	M. Sutherland	Full Part Before After Verification Review Inspection Signed Via Drawing No. 21
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
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			Full Part Before After Verification Review Inspection Signed Via Drawing No.
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