

TP-00702

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TP-00702

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-00702  
Classification No. .... Edition No. .... 1  
Field Edited Map

## LOCALITY

State ..... North Carolina  
General Locality ..... Cape Fear to Cape Lookout  
Locality ..... Carolina Beach

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19 72 TO 19 74

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## REGISTRY IN ARCHIVES

DATE .....

★ U.S. GOVERNMENT PRINTING OFFICE: 1974-762-901

11539 A-2 Applied HM 6/19/80  
11537 } A-3  
11534 }

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TP. 00702 MAP EDITION NO. (1) MAP CLASS Final(F.E.) JOB <del>RM</del> CM-7219	
DESCRIPTIVE REPORT - DATA RECORD				LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED			
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, VA				JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__			
OFFICER-IN-CHARGE Jeffrey G. Carlen, CDR.							
I. INSTRUCTIONS DATED							
1. OFFICE Dec. 4, 1972      Aerotriangulation Apr. 4, 1973      Compilation Apr. 6, 1973      Amend. I				2. FIELD Sept. 15, 1972 Sept. 28, 1972    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 <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      ZONE North Carolina			
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.D. Schad		Mar., 1973	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Calcomp. CHECKED BY				D. Phillips		Mar., 1973	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				Frank Margiotta		Apr., 1973	
INSTRUMENT: Wild B-8 SCALE: 1:20,000 CHECKED BY				L.O. Neterer		Apr., 1973	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY				L.B. Foltz		Apr., 1973	
METHOD: Wild B-8 and Graphic Smooth drafting CHECKED BY				A.L. Shands		Apr., 1973	
SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY				NA		NA	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				A.L. Shands		Apr., 1973	
6. APPLICATION OF FIELD EDIT DATA BY				J. Desch		Jan., 1975	
CHECKED BY				R.R. White		Jan., 1975	
7. COMPILATION SECTION REVIEW BY				R.R. White		Jan., 1975	
8. FINAL REVIEW BY				C.H. Bishop		June, 1976	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY							
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY							
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R.T. CATDR		AUG 1976	

NOAA FORM 76-36B  
(3-72)

TP-00702

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

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "E", RC-10 "C"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE CHARLESTON		(C) COLOR X (P) PANCHROMATIC (I) INFRARED X		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES Wilmington Beach				Eastern	
<input type="checkbox"/> REFERENCE STATION RECORDS				MERIDIAN	
<input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				75th	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 72E(C)6730 - 6734	20 OCT 72	13:47	1:40,000	2.0 ft. above MLW	
* 72E(C)6862 - 6863	21 OCT 72	12:12	1:40,000	0.1 ft. below MLW	
** 73C(C)(I)4958 - 4959	18 OCT 73	13:47	1:60,000	+0.2 ft. of MHW	
** 73C(C)(I)6130 - 6131	11 NOV 73	13:56	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 color photography listed under 1. above and updated graphically by use of the 1973 tide coordinated infrared photographs taken at MHW when they became available.

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

The mean low water line was compiled graphically from office interpretation of the tide coordinated infrared photographs listed in 1. above.

## 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-00703	SOUTH TP-00704	WEST No Contemporary Survey
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REMARKS TP-00702 (Job CM-7219, 1:20,000 scale) covers the same area as Job CM-7218 Maps TP-00674 through TP-00677 (1:10,000 scale). Only the ocean shoreline was mapped on Job CM-7219, Cape Fear River shoreline only was mapped on Job CM-7218.

TP-00702  
HISTORY OF FIELD OPERATIONS.I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.S. Tibbetts	Oct., 1972
2. HORIZONTAL CONTROL	RECOVERED BY R.E. Kesselring ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY R.E. Kesselring	Oct., 1972
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  
NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
72E(C)6732	RUINS, 1917		

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)

- 1 Form 152 Control Station Identification
- 1 Form MA 100 Tellurometer Observations

NOAA FORM 76-36C  
(3-72)

TP-00702

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

## HISTORY OF FIELD OPERATIONS.

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	P.B. Walbolt	July, 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 P.B. Walbolt LOCATED (Field Methods) BY NA IDENTIFIED BY NA	July, 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 P.B. Walbolt	July, 1974
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)

73 C(CI)6129 and 6131

4. LANDMARKS AND AIDS TO NAVIGATION ~~UNRECORDED~~ Verified

Data for objects verified are listed under 8. below.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
	CAROLINA BEACH MUNICIPAL WATER TANK, 1962		

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

7. SUPPLEMENTAL MAPS AND PLANS

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

- 1 Field Edit Report
- 1 Field Edit Ozalid
- 1 Form 76-40 Landmarks for Charting

## 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	Apr., 1973	Class III Manuscript Superseded	None	4/30/73
Field edit applied Compilation complete	Jan., 1975	Class I Manuscript Superseded	6/3/75	
Final Review	June, 1976			

## II. LANDMARKS AND AIDS TO NAVIGATION

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

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1	None	3/17/75	Landmark to be Charted

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 3/17/75
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. 76-403 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	

JOINS JOB CM-7305

ASTAL

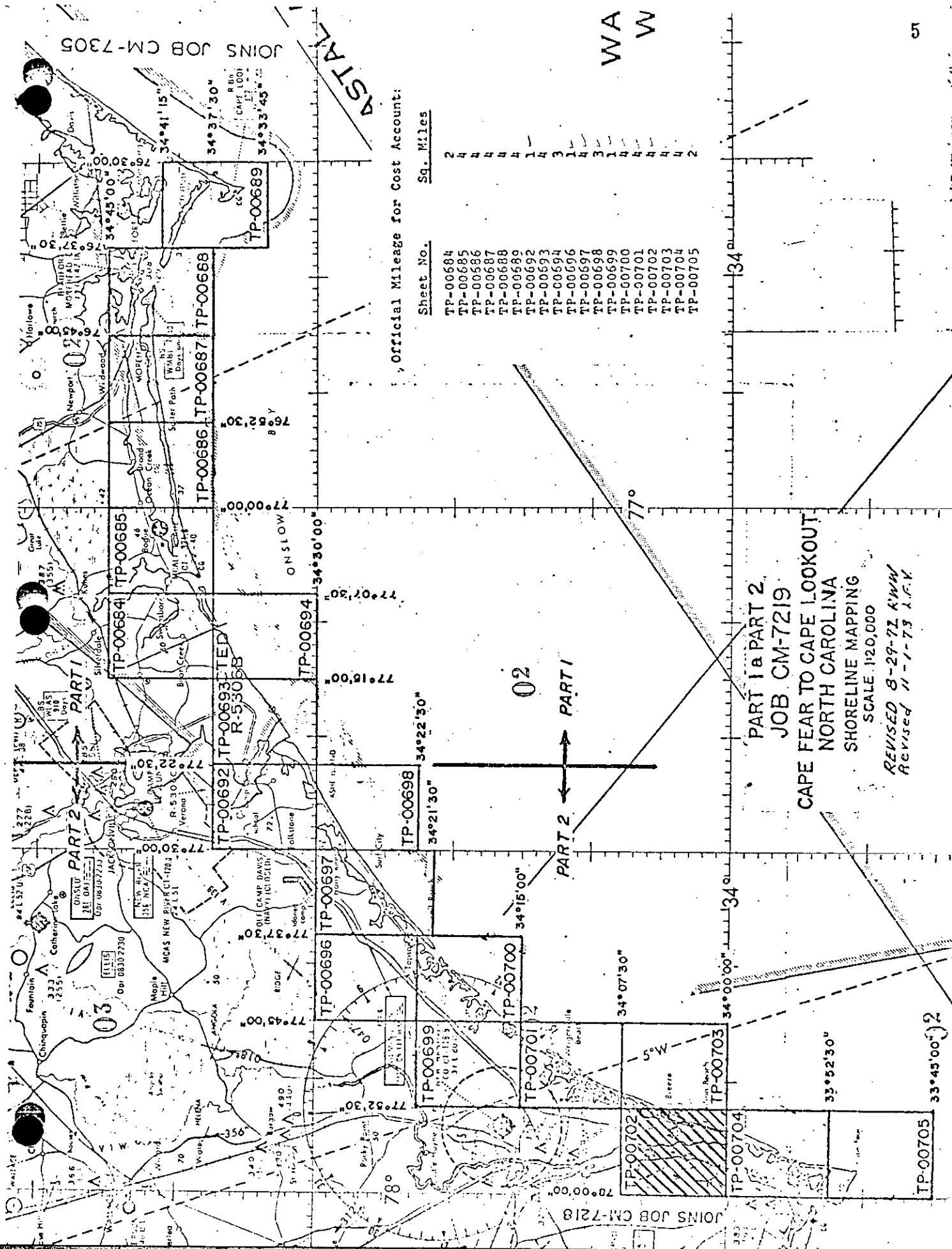
WA  
W

5

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	4
TP-00694	3
TP-00696	1
TP-00697	4
TP-00698	3
TP-00699	1
TP-00700	4
TP-00701	4
TP-00702	4
TP-00703	4
TP-00704	4
TP-00705	2



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

REVISED 8-29-72 KWW  
REVISED 11-1-73 J.C.V.

33°45'00" 2

## 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.



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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

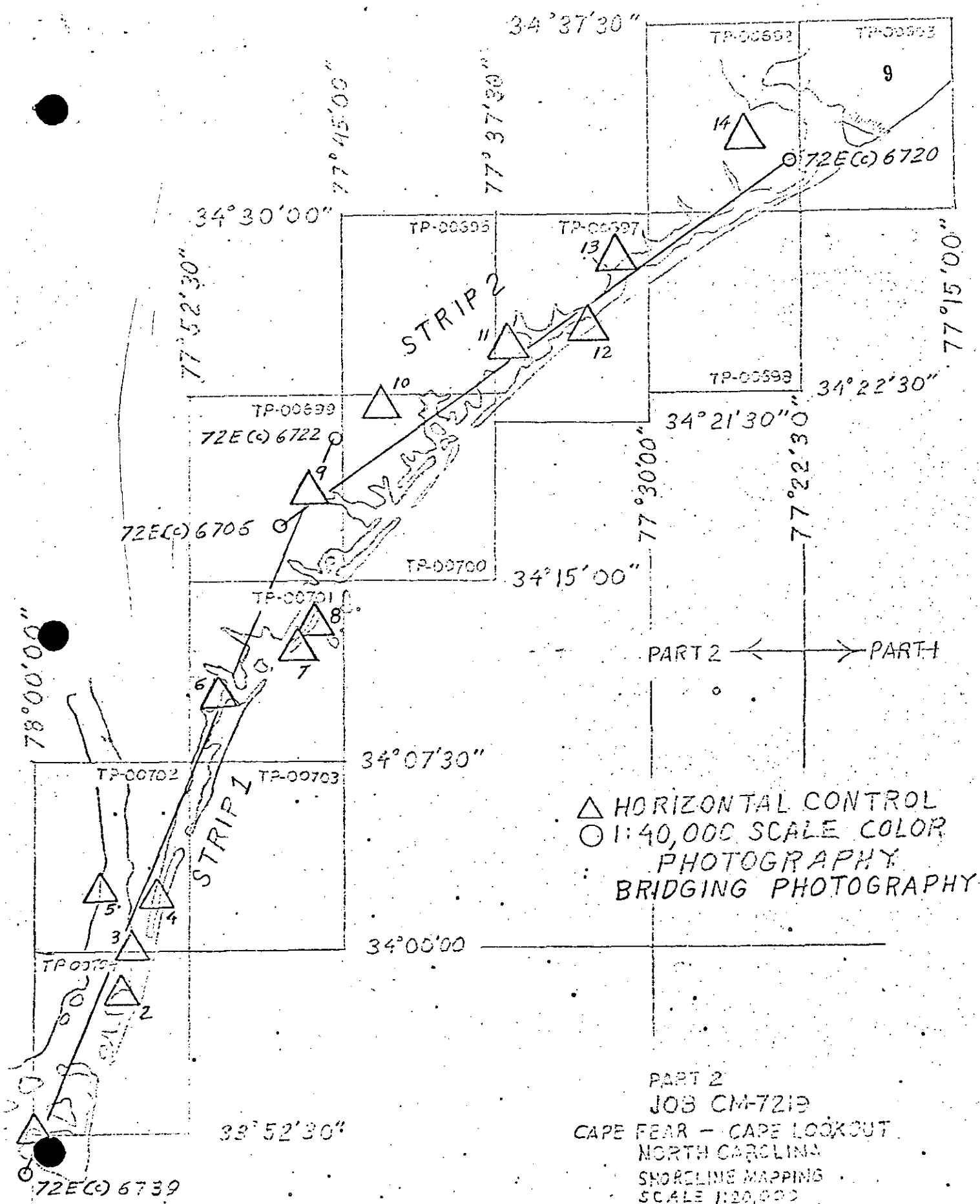
Notes to Compiler  
 Job CM-7219  
 Cape Fear - Cape Lookout, North Carolina

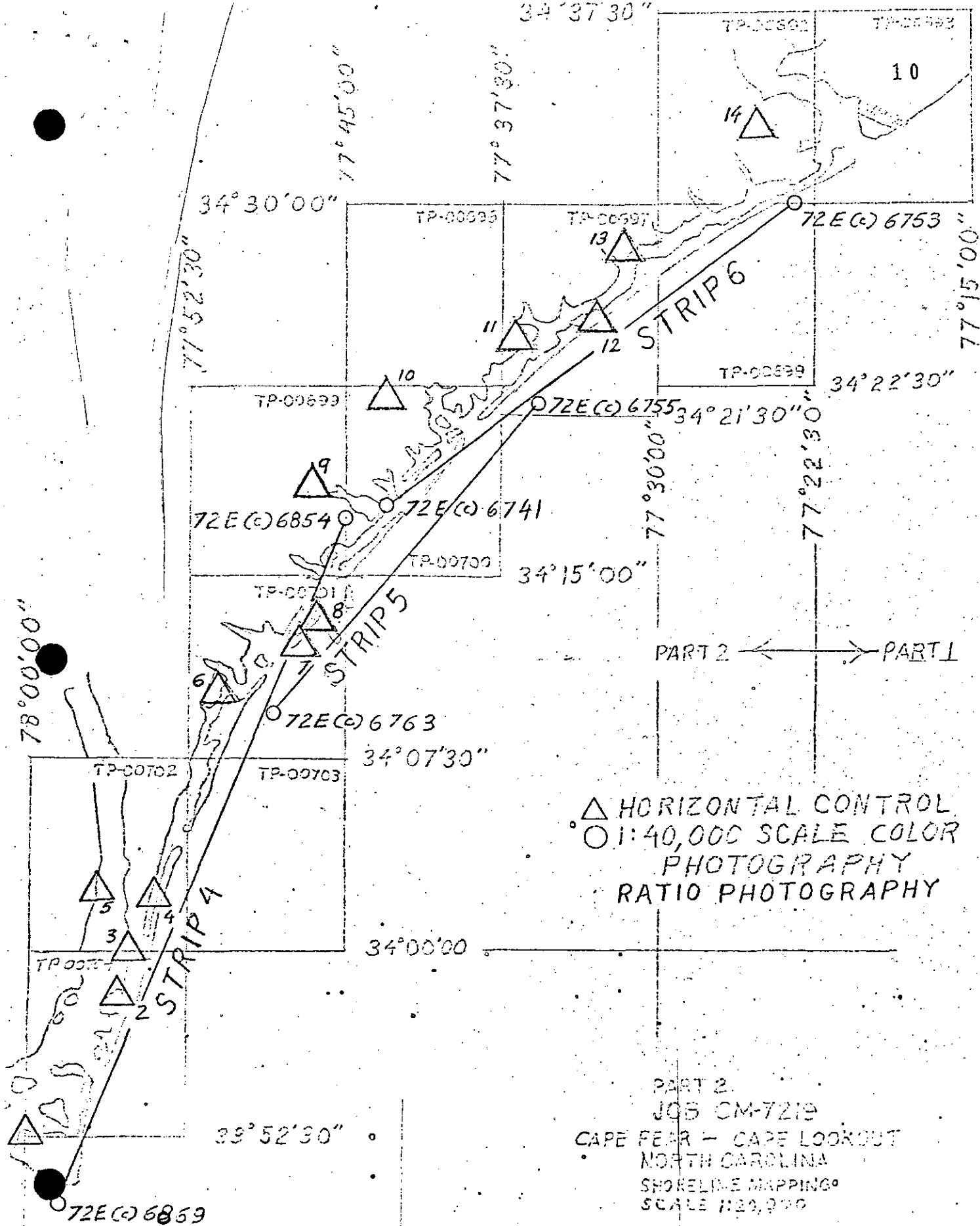
The shoreline area from the vicinity of Mason Inlet to New Topsoil Inlet (TP-00700) must be compiled from strip #5 (72E(c)6756 thru 6760) either by setting the models or by graphic methods. In order to control this area, "900" series points were determined from bridging strip #2.

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 #	Photo number	Field number
Strip # 1	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*  
*JSP*





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. TP-00702	JOB NO. CM-7219	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM N.A. 1927		ORIGINATING ACTIVITY Coastal Mapping Section, AMC	
				STATE ZONE	COORDINATES IN FEET	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
CAROLINA BEACH MUNICIPAL WATER TANK, 1962	Vol. III P. 2878			x=	107,081.89'	φ 34 02 03.92375	120.9 (1727.8)
				y=	2,320,047.18'	λ 77 53 47.86438	1227.9 (311.3)
CAROL, 1962	Vol. III P. 2853			x=		φ 34 03 10.46323	322.4 (1526.3)
				y=		λ 77 53 06.52717	167.4 (1371.4)
BEND, 1918	Vol. III P. 619			x=		φ 34 03 00.91788	28.3 (1820.4)
				y=		λ 77 53 47.94122	1229.6 (309.3)
RUINS, 1917	Bridge Form 164			x=	107,081.89'	φ	7,081.89' (2,918.11')
				y=	2,320,047.18'	λ	47.18' (9,952.82')
FREEMAN (NCGS), 1963	Vol. III P. 622			x=	115,537.55'	φ	5,537.55' (4,462.45')
				y=	2,333,349.37'	λ	3,349.37' (6,650.63')
				x=		φ	
				y=		λ	
				x=		φ	
				y=		λ	
				x=		φ	
				y=		λ	
				x=		φ	
				y=		λ	
				x=		φ	
				y=		λ	
				x=		φ	
				y=		λ	
COMPUTED BY A.C. Rauck, Jr.			9/29/73	COMPUTATION CHECKED BY L.B. Foltz			DATE 4/7/73
LISTED BY			DATE	LISTING CHECKED BY			DATE
HAND PLOTTING BY			DATE	HAND PLOTTING CHECKED BY			DATE

## COMPILATION REPORT

TP-00702

31. DELINEATION

This map was not delineated 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 taken on October 20, 1972 (Bridging photography). Only the outer coast was mapped, per Instructions - OFFICE - dated April 4, 1973, Par. 4.03.

32. CONTROL

See Photogrammetric Plot Report, dated March 21, 1973.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

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

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line and alongshore details were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

Preliminary Forms 76-40, Nonfloating Aids or Landmarks for Charts, were prepared by the Compilation Office and forwarded to the Field Editor and/or the Hydrographer for verification, location, or deletion.

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 Army Map Service  
Quadrangle: WILMINGTON, NORTH CAROLINA, scale 1:62,500, dated 1948.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following National Ocean Survey  
Charts: 833-SC, March 11, 1972, 9th edition, scale 1:40,000;  
1235, 9th edition, May 1, 1971, scale 1:80,000 and 426, 11th edition,  
dated June 3, 1972, scale 1:40,000.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

*Albert C. Rauck, Jr. For*  
L.B. Foltz  
Carto. Aid, April 18, 1973

Approved:

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



ADDENDUM TO THE COMPILATION REPORT

TP-00702

FIELD EDIT

Field edit of this map is complete.

At the time of field edit application, the mean high water line compiled from the 1972 color photographs was verified by comparison with the tide coordinated\* high water photography listed on Form 76-36b 1, and corrected if necessary. The mean low water line was delineated graphically; using the tide coordinated\* low water photography listed on Form 76-36b 1.

\*Based on predicted tides.

*Charles H. Bishop*

Charles H. Bishop  
Final Reviewer

*2 June 1976*

16 Oct. 1975

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

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

TP-00702

Atlantic Ocean

Carolina Beach

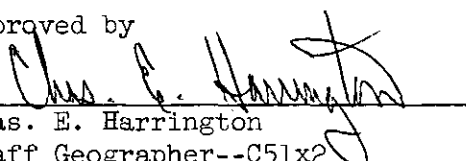
Carolina Beach Inlet

Kure Beach

Onslow Bay

Wilmington Beach

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 - 00702			
1. PROJECTION AND GRIDS A.L.S.	2. TITLE A.L.S.	3. MANUSCRIPT NUMBERS A.L.S.	4. MANUSCRIPT SIZE A.L.S.
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY A.L.S.	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 A.L.S.	11. DETAIL POINTS A.L.S.
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE A.L.S.	13. LOW-WATER LINE X X	14. ROCKS, SHOALS, ETC. X X	15. BRIDGES X X
16. AIDS TO NAVIGATION X X	17. LANDMARKS A.L.S.	18. OTHER ALONGSHORE PHYSICAL FEATURES A.L.S.	19. OTHER ALONGSHORE CULTURAL FEATURES A.L.S.
PHYSICAL FEATURES			
20. WATER FEATURES A.L.S.	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 X X
CULTURAL FEATURES			
27. ROADS A.L.S.	28. BUILDINGS A.L.S.	29. RAILROADS X X	30. OTHER CULTURAL FEATURES X X
BOUNDARIES			
31. BOUNDARY LINES NA	32. PUBLIC LAND LINES NA		
MISCELLANEOUS			
33. GEOGRAPHIC NAMES A.L.S.	34. JUNCTIONS A.L.S.	35. LEGIBILITY OF THE MANUSCRIPT A.L.S.	
36. DISCREPANCY OVERLAY A.L.S.	37. DESCRIPTIVE REPORT A.L.S.	38. FIELD INSPECTION PHOTOGRAPHS X X	39. FORMS A.L.S.
40. REVIEWER <i>Arnold L. Shands</i> Arnold L. Shands		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>Joanne Desch</i> Joanne Desch <i>Richard R. White</i>		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
43. REMARKS Field edit applied from: Field edit ozalid and field photographs 73C(C)6129(I) and 73C(C)6131(I)			

FIELD EDIT FOR SHEET TP-00702  
CAROLINA BEACH; Job CM-7219, part 2

51. METHODS

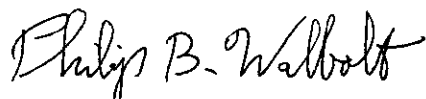
This manuscript was inspected by truck, by walking the beach, and by boat. As per Paragraph 2 of Letter C344 dated 28 May 1974, it was determined that no extensive changes have occurred.

52. ACCURACY OF COMPILATION

The accuracy is good.

54. RECOMMENDATIONS

One Nautical Landmark should be charted; NOAA Form 76-40 is submitted. One obstruction is shown. A pier in ruins is verified. New Riprap is shown.



Philip B. Walbolt  
Chief, Photo Party 63