

TP-00687



TP-00687

NOAA FORM 76-35  U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY  <h2 style="text-align: center;">DESCRIPTIVE REPORT</h2>	
Type of Survey ..... Shoreline	
Job No. .... CM-7219	Map No. .... TP-00687
Classification No. ....	Edition No. .... 1
Field Edited Map	
<h3>LOCALITY</h3>	
State ..... North Carolina	
General Locality ..... Cape Fear to Cape Lookout	
Locality ..... Iron Steamer Pier	
<hr/> 19 73 TO 1975 <hr/>	
<h3>REGISTRY IN ARCHIVES</h3>	
DATE .....	



NOAA FORM 76-36B (3-72)		TP-00687		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
COMPILATION SOURCES					
1. COMPILATION PHOTOGRAPHY					
CAMERA(S) Wild RC-10 "C"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE HAMPTON ROADS <input checked="" type="checkbox"/> PREDICTED TIDES Bogue Inlet <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR X (P) PANCHROMATIC (I) INFRARED X		ZONE Eastern	<input checked="" type="checkbox"/> STANDARD
				MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 73C(C)(I)4676 - 4678	13 OCT 73	09:34	1:60,000	2.6 ft. above MLW	
* 73C(C)(I)4691 - 4692	13 OCT 73	09:49	1:60,000	2.5 ft. above MLW	
** 73C(C)(I)4760 - 4762	13 OCT 73	14:25	1:60,000	±0.2 ft. of MLW	
** 73C(C)(I)4751 - 4753	13 OCT 73	14:20	1:60,000	±0.2 ft. of MLW	
** 73C(C)(I)4784 - 4786	15 OCT 73	11:14	1:60,000	±0.2 ft. of MHW	
** 73C(C)(I)4911 - 4913	18 OCT 73	10:02	1:60,000	±0.2 ft. of MHW	
REMARKS *Bridge and compilation photos (predicted tides) **Tide coordinated photos at MHW and MLW, based on predicted tides.					
2. SOURCE OF MEAN HIGH-WATER LINE:					
The mean low water line was compiled graphically from office interpretation of the tide coordinated* infrared photographs listed in 1. above.					
*Based on predicted tides.					
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.					
*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 survey	EAST TP-00688		SOUTH No survey		WEST TP-00686
REMARKS					

HISTORY OF FIELD OPERATIONS.

I.  FIELD INSPECTION OPERATION       FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	Sept. 1973
2. HORIZONTAL CONTROL  RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	R. D. Black	Sept. 1973
	None	
	R. D. Black	Sept. 1973
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 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 Pre-mark	2. VERTICAL CONTROL IDENTIFIED NA
--	--------------------------------------

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
	COMET (NOGS) 1968		

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)  
1 Form 76-53 Control Station Identification

TP-00687

**HISTORY OF FIELD OPERATIONS**

1.  FIELD INSPECTION OPERATION       FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Robert S. Tibbetts	Jan. 1975
2. HORIZONTAL CONTROL	RECOVERED BY	R. E. Kesselring
	ESTABLISHED BY	NA
	PRE-MARKED OR IDENTIFIED BY	N.
3. VERTICAL CONTROL	RECOVERED BY	N.
	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. E. Kesselring
	IDENTIFIED BY	NA
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	R. E. Kesselring
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

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

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)  
 73 C 4762; 73 C 4760

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED  
 Data for location of objects located by field methods are listed under 8. below.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
	Bldg. (Elev. shaft)		

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)

- 1 Form 76-53 Control Station Identification.
- 1 Form 76-40 Nonfloating Aids of Landmarks for Charts
- 1 Field Edit Report
- 1 Discrepancy Print (Field Edit Ozalid)
- 3 Field sketches

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete, pending field edit	Oct. 1974	Class III Manuscript Superseded	11/27/74	12/2/74
Field edit applied. Compilation complete	Feb. 1975	Class I Manuscript Superseded	6/3/74	
Final Review	Mar. 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		6/4/75	Landmark for Charts

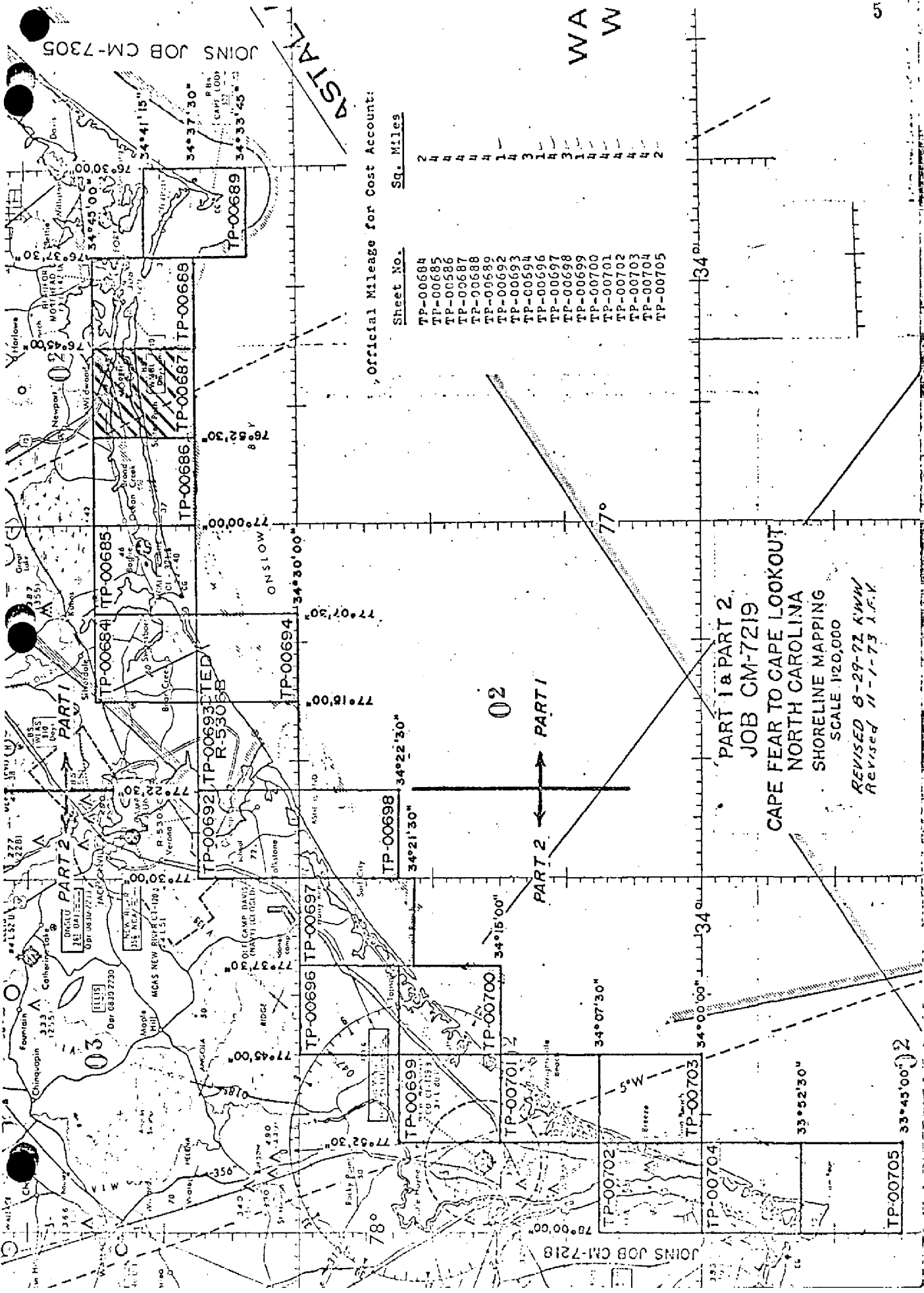
2.  REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 6/4/75  
 3.  REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

III. FEDERAL RECORDS CENTER DATA

1.  BRIDGING PHOTOGRAPHS;  DUPLICATE BRIDGING REPORT;  COMPUTER READOUTS.  
 2.  CONTROL STATION IDENTIFICATION CARDS;  FORM NOS 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 TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	<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
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	<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
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	<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



JOINS JOB CM-7305

PART 1

PART 2

PART 1 & 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

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	4
TP-00700	4
TP-00701	4
TP-00702	4
TP-00703	4
TP-00704	4
TP-00705	2

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SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORTS TP-00684 through TP-00689,  
TP-00693 and TP-00694

Project CM-7219 is one of several projects that comprise the Southern Coastal Plains Expedition. It is a 1:20,000 scale shoreline mapping project which contains eighteen maps. They are not standard surveys because compilation was limited to the ocean shoreline and only a limited amount of interior detail. Shoreline of bays, inlets, canals or rivers that may be within the geographic limits of the maps were not delineated. This deviation from written instructions was brought about by verbal instructions telephoned from the Rockville Office to the Chief, Coastal Mapping Section, AMC.

The area covered is from Cape Fear to Cape Lookout, N.C. Because of different times of photography, the area was divided into two parts for bridging and compilation purposes. This summary is for Part I which extends from New River Inlet eastward to Cape Lookout.

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

Bridging was done in the Rockville Office in September, 1974, by analytic triangulation methods, using 1:60,000 scale color infrared photography taken in October, 1973. Points were established for determining ratios of mean high water and mean low water photography.

Compilation was done at the Atlantic Marine Center in October and November, 1974, using the color infrared photographs taken at mean high and mean low water for office interpretation of the mean high water line and mean low water line respectively.

Field edit was done in January, 1975. With the exception of Map TP-00694, edit of the maps discussed in this summary is complete.



The entire area of TP-00694 is part of Camp Lejeune Military Reservation and is used as a bombing and artillery range. The field editor was denied entrance to this prohibited area. All that he could deliver in the way of edit was the east and west limits of the prohibited area and ascertain the absence of landmarks and fixed aids to navigation. Edit of this map is incomplete and the map classification remains Class III.

The original manuscripts were stabilene sheets 7 1/2 minutes in latitude by 7 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  
Cape Lookout to Cape Fear  
North Carolina  
Part 1  
Job CM-7219  
September 1974

21. Area Covered - This report pertains to 8 sheets between Cape Lookout and the New River in North Carolina. The sheets are TP-00684 thru TP-00689, TP-00693 and TP-00694.

22. Method - Two strips of 1:60,000 scale color IR photography were bridged by analytic aerotriangulation methods and adjusted to ground in the North Carolina State Plane Coordinate System. Points were established for determining ratios of color infra-red, MLW, and MHW support photography.

23. Adequacy of Control - The control was adequate.

24. Supplemental Control - U.S.G.S. topographic quadrangles were used to determine elevation of points for strip adjustment.

25. Photography - The photography was adequate.

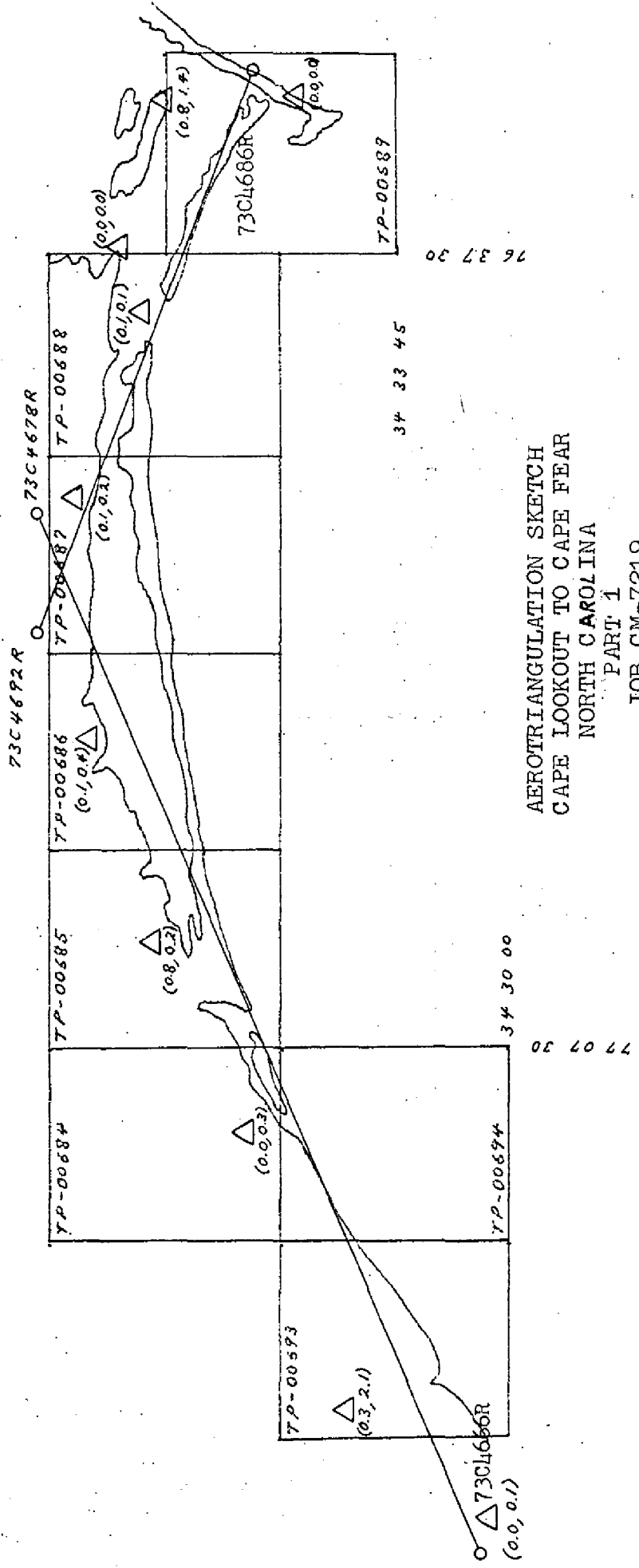
Submitted by,

*Don O. Norman*  
Don O. Norman

Approved by:

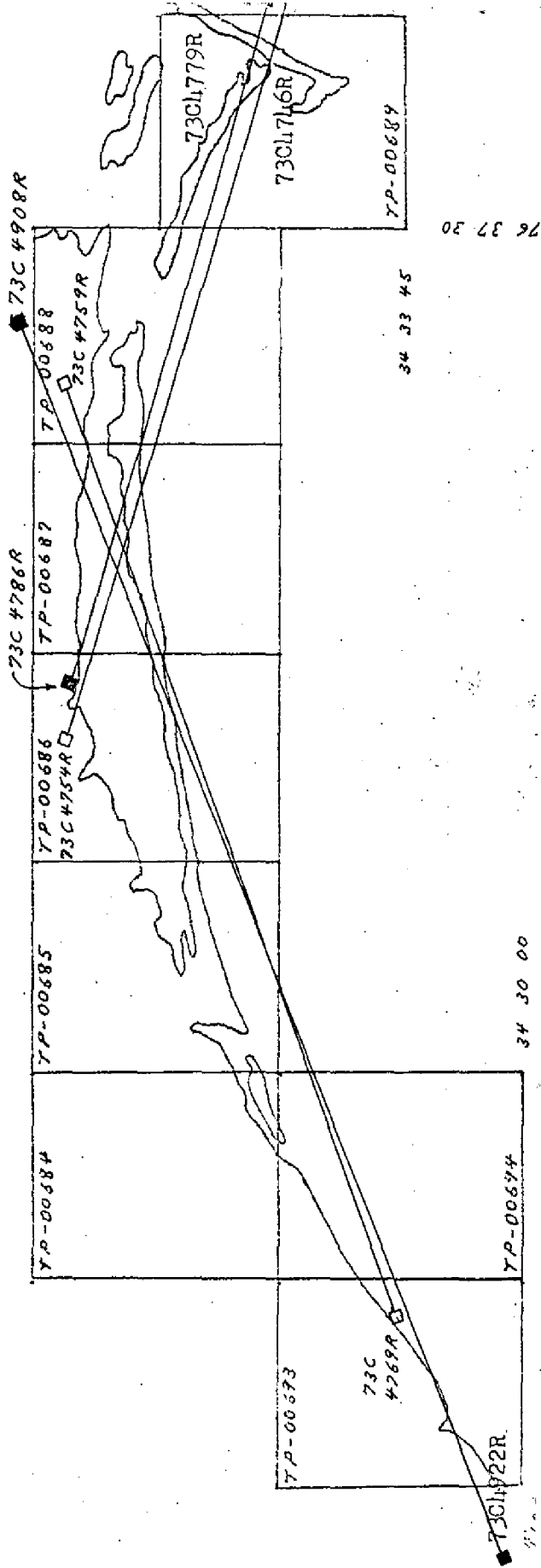
*John D. Perrow, Jr.*

John D. Perrow, Jr.  
Chief, Aerotriangulation Section



AEROTRIANGULATION SKETCH  
 CAPE LOOKOUT TO CAPE FEAR  
 NORTH CAROLINA  
 PART 1  
 JOB CM-7219  
 September, 1974

01:60000 Bridging Photos color IR



AEROTRIANGULATION SKETCH  
 CAPE LOOKOUT TO CAPE FEAR  
 NORTH CAROLINA  
 PART 1  
 JOB CM-7219  
 September, 1974

- 1:60000 color IR MLW
- 1:60000 color IR MHW



## COMPILATION REPORT

TP-00687

31. DELINEATION

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

Delineation of interior detail was by the Wild B-8 stereo-plotter, using the bridging photographs. The mean high and mean low water lines were compiled graphically using tide controlled infrared ratios. Pass points common to all three groups of photos - bridging, high and low water tide controlled - were selected and dropped when the models were set for compilation of interior details.

Photography was adequate.

32. CONTROL

See the attached Photogrammetric Plot Report, dated: September, 1974.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable to the project.

No drainage was compiled.

35. SHORELINE AND ALONGSHORE DETAILS

Alongshore details were delineated by the Wild B-8 stereo-plotter and by office interpretation of the photographs.

The mean high and mean low water lines were delineated graphically from office interpretation of tide controlled photography.

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 the attached Form 76-36b, item #5 of the Descriptive Report concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Geological Survey Quadrangle: PETTIER CREEK, N.C., dated, 1951, scale 1:24,000.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey chart: #833-SC, North Carolina, dated Mar. 1973, 10th ed., scale 1:40,000. #1234, 12th ed., dated April 22, 1972, scale 1:80,000.

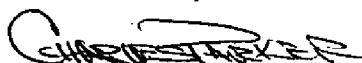
ITEMS TO BE APPLIED FOR NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

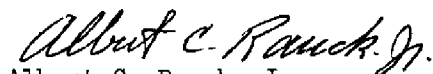
Submitted by:



Charles Parker

Carto. Aid., October 25, 1974

Approved:



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

ADDENDUM TO THE COMPILATION REPORT

TP-00687

FIELD EDIT

Field edit was adequate. However, Form 76-53, on which Point 87-02 (referred to on "Sketch B") is identified does not exist. A call to Mr. Kesselring revealed this to be an oversight. The point is visible on photo 73 C(CI) 4760 though not plainly. The photo position of the point as interpreted in the office was used.

A.L.S.  
Feb., 1975



16 Oct. 1975

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

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

TP-00687

Atlantic Beach

Atlantic Ocean

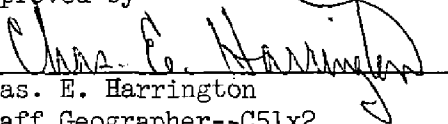
Bogue Banks

Hoop Pole Woods

Onslow Bay

Pine Knoll Shores

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 - 00687			
1. PROJECTION AND GRIDS FM	2. TITLE FM	3. MANUSCRIPT NUMBERS FM	4. MANUSCRIPT SIZE FM
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY FM	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 FM	10. PHOTOGRAMMETRIC PLOT REPORT FM	11. DETAIL POINTS FM
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE FM	13. LOW-WATER LINE FM	14. ROCKS, SHOALS, ETC. FM	15. BRIDGES FM
16. AIDS TO NAVIGATION FM	17. LANDMARKS FM	18. OTHER ALONGSHORE PHYSICAL FEATURES FM	19. OTHER ALONGSHORE CULTURAL FEATURES FM
PHYSICAL FEATURES			
20. WATER FEATURES FM	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 FM
CULTURAL FEATURES			
27. ROADS FM	28. BUILDINGS FM	29. RAILROADS FM	30. OTHER CULTURAL FEATURES FM
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES FM		34. JUNCTIONS	35. LEGIBILITY OF THE MANUSCRIPT FM
36. DISCREPANCY OVERLAY FM	37. DESCRIPTIVE REPORT FM	38. FIELD INSPECTION PHOTOGRAPHS FM	39. FORMS FM
40. REVIEWER <i>Frank A. Margiotta</i> F. Margiotta Nov. 1974		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. <i>A.L. Shands</i>			
COMPILER <i>A.L. Shands</i> A.L. Shands <i>James R. Minton</i> J.R. Minton		Feb. 1975 May 12, 1975	SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.
43. REMARKS Field edit applied from Field edit ozalid TP-00687 Field Photos 730(CI)4760 and 4762, and three sketches supplied by the field editor.			

FIELD EDIT REPORT  
JOB CM-7219  
CAPE FEAR TO CAPE LOOKOUT, NORTH CAROLINA  
MAP TP-00687

52. Adequacy of Compilation

Compilation was adequate. The MHWL was accepted as compiled according to instructions received from the Chief, Coastal Mapping Division, dated May 28, 1974. There were no significant changes noted in the MHWL during field edit. Two additional buildings were recommended for charting. One of them, the most easterly, was in the early stage of construction at the time of photography. However, the foundations, and possibly the first story of the building are visible on the photographs. A sketch of the finished building is included with this report. The "wreck" in question, at latitude  $34^{\circ} 41.5'$ , longitude  $76^{\circ} 49.7'$ , is just awash at MLW and is located just offshore of a finger pier on the extant pier in the vicinity. Attention was drawn to the wreck on the field edit ozalid and it was cross-referenced to a sketch, Sketch "C". A bulkhead, near the easterly edge of the sheet, was overlooked during compilation. It was indicated on the field edit ozalid and cross-referenced to photo 73C 4760.

54. Recommendations

There are no recommendations.

56. Landmarks and Non-Floating Aids for Navigation

There is one landmark within the compiled limits of this map. It is the elevator shaft of a new condominium that was not extant at the time of photography. The building is of excellent value as a landmark, being visible for at least ten miles at sea, and probably farther. The field editor was able to see the building from Cape Lookout, a distance of approximately fifteen miles. The condominium was located by photogrametric methods, entered on Forms 76-40 and 76-53, and indicated on the field edit ozalid. A sketch, Sketch "A", of the finish dimensions of the building is included with this report.

57. Rocks, Reefs, and Shoals

There are no rocks, reefs or shoals within the compiled limits of this map.

58. Photography

Photography consisted of 1:20,000 black & white ratio prints of 1:60,000 scale photography. The matte finish field prints were partly fuzzy and made field identification difficult. The cronapague office prints were good.

59. Disposition of Data

The field edit ozalid, the matte finish ratio prints, the cronapague ratio prints, and all pertinent data were forwarded to the Director, Atlantic Marine Center.

*Richard E. Kesselring*  
Richard E. Kesselring  
Surveying Technician  
Photo Party 62

orig. to charts  
6/2/75

NOAA FORM 76-40  
(8-74)

Replaces C&GS Form 567.

TO BE CHARTED  
 TO BE REVISED  
 TO BE DELETED

REPORTING UNIT  
(Field Party, Ship or Office)  
Coastal Mapping Div.  
AMC - Norfolk, Va.

STATE  
North Carolina

LOCALITY  
Cape Fear to Cape Lookout

DATE  
Feb. 1975

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
LANDMARKS FOR CHARTS

ORIGINATING ACTIVITY

HYDROGRAPHIC PARTY  
 GEODETIC PARTY  
 PHOTO FIELD PARTY  
 COMPILATION ACTIVITY  
 FINAL REVIEWER  
 QUALITY CONTROL & REVIEW GRP.  
 COAST PILOT BRANCH  
(See reverse for responsible personnel)

The following objects HAVE  BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.

OPR PROJECT NO. 437

JOB NUMBER  
CX-7219

DATUM  
N.A. 1927

SURVEY NUMBER  
TP-00687

POSITION

OFFICE

METHOD AND DATE OF LOCATION  
(See instructions on reverse side)

FIELD

CHARTS  
AFFECTED

DESCRIPTION  
(Record reason for deletion of landmark or aid to navigation.  
Show triangulation station names, where applicable, in parentheses)

LATITUDE  
D.M. Meters

LONGITUDE  
D.P. Meters

POSITION

OFFICE

METHOD AND DATE OF LOCATION  
(See instructions on reverse side)

CHARTS  
AFFECTED

CHARTING  
NAME  
BLDG.  
Elev. Shaft

Center of elevator shaft atop eight story condominium. Ht. = 85(96)

34-41

29.79  
918

76-50

42.59  
1084

OFFICE

P-6-L  
73C(C)4762  
Jan. 21, 1975

833SC  
1233

## REVIEW REPORT TP-00687

## SHORELINE

March 12, 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 Survey T-8743, 1:10,000 scale, dated October 1950. No significant shoreline differences were noted.

In the area compared, TP-00687 supersedes T-8743 for nautical chart construction purposes. T-8743 is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangle MANSFIELD, N.C., 1:24,000 scale, dated 1951, photorevised in 1971. No significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

The area adjacent to the shoreline is not covered by a contemporary hydrographic survey - no comparison was made.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 11541 (833-SC), 1:40,000 scale, 12th edition, dated March 1975. Pier ruins charted at long.  $76^{\circ} 50'$  are not visible on the photos and were reported non-existent by the field editor. No significant shoreline differences were noted.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with Project Instructions dated October 9, 1974, except as explained in Summary, and meets requirements for Bureau Standards and National Standards of Map Accuracy.

Submitted:

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