## TP-00684

#### 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	, <sub>No.</sub> TP-00684
	ition No
Field Edited Map	, 
LOCALITY	,
North Carolina	, , , , , , , , , , , , , , , , , ,
General Locality Cape Fear to	
Locality Bear Beach	
Locarty	
***************************************	
19 73 TO 19	75
REGISTRY IN ARCH	IVES
DATE	

☆ U.S. GOVERNMENT PRINTING OFFICE: 1972-760-598



NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY	survey Tp-00684
	10X ORIGINAL	MAP EDITION NO. (1)
DESCRIPTIVE REPORT - DATA RECORD	RESURVEY	MAP CLASS Final (F.E.
	REVISED	лов <del>хри_</del> СМ-7219
PHOTOGRAMMETRIC OFFICE	LAST PRECEED	ING MAP EDITION
Coastal Mapping Division, Norfolk, VA	TYPE OF SURVEY	JOB PH
OFFICER-IN-CHARGE	ORIGINAL	MAP CLASS
	RESURVEY	SURVEY DATES:
Jeffrey G. Carlen, Cdr.		
I. INSTRUCTIONS DATED	1 ,	EIEI D
1. OFFICE	<u>-</u>	FIELD
Oct. 9, 1974 Compilation Sept. 26, 1974 Aerotriangulation	Sept. 21, 19'	73
11. DATUMS		,
1. HORIZONTAL: X 1927 NORTH AMERICAN	OTHER (Specify)	
B HONZON AL. IN 1927 HON THINNESS CAN	OTHER (Specify)	
MEAN HIGH-WATER MEAN LOW-WATER	OTHER (Specify)	
2. VERTICAL:    X MEAN LOWER LOW-WATER   MEAN SEA LEVEL	·	
3. MAP PROJECTION	4.	GRID(\$)
Polyconic	North Carolina	ZONE
1:20,000	STATE	ZONE
III. HISTORY OF OFFICE OPERATIONS	<u> </u>	<u> </u>
OPERATIONS	NAME	DATE
I. AEROTRIANGULATION BY	D. Norman	Sept. 1974
METHOD: Analytic LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat. CHECKED BY	Keating Keating	Sept. 1974 Sept. 1974
oot adomed	R.R. White	Oct., 1974
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY	L.O. Neterer	Oct., 1974
INSTRUMENT: Wild B-8 CONTOURS BY	NA	
SCALE: 1:30,000 CHECKED BY	NA Da la	
4. MANUSCRIPT DELINEATION PLANIMETRY BY	C. Blood F. Margiotta	0ct., 1974
Wild B-8 and Graphic CONTOURS BY	NA NA	000.9 1974
метнор: Smooth Drafted снескер ву	NA	
SCALE: 1:20.000	NA	
CHECKED BY	NA	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	F. Margiotta A.L. Shands	Oct., 1974 Feb., 1975
6. APPLICATION OF FIELD EDIT DATA  CHECKED BY	J.R. Minton	May, 1975
7. COMPILATION SECTION REVIEW BY	J.R. Minton	May, 1975
8. FINAL REVIEW BY	C.H. Bishop	Mar., 1976
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY	D. T. CATAL	4 - 27
11, MAP REGISTERED - COASTAL SURVEY SECTION BY  NOAA FORM 76-36 A SUPERSEDES FORM C&G\$ 181 SERIES	RITICATOR	AUG 1976



## **COMPILATION SOURCES**

ľ	Wild RC-10 "C"			PHOTOGRAPHY GEND	TIME REFER	RENCE
<b>1</b>	TIDE STAGE REFERENCE HAMPTO PREDICTED TIDES BORU REFERENCE STATION RECORDS TIDE CONTROLLED PHOTOGRAP	e Inlet, NC	(C) COLOR (P) PANCHRO		Eastern MERIDIAN 75th	XSTANDARI □DAYLIGHT
	NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF	TIDE
	73 C(C)(I)4671 - 4672	13 OCT 73	09:24	1:60,000	2.6 ft. above	MLW
	73 C(C)(I)4766 - 4767	13 OCT 73	14:35	1:60,000	±0.2 ft. of ML	W
	73 C(C)(I)4917 - 4918	18 OCT 73	10:13	1:60,000	±0.2 ft. of MH	W

### 2. SOURCE OF MEAN HIGH-WATER LINE:

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

\*Bridge and compilation photos (Predicted tides)
\*\*Tide coordinated photos, based on predicted tides.

\*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

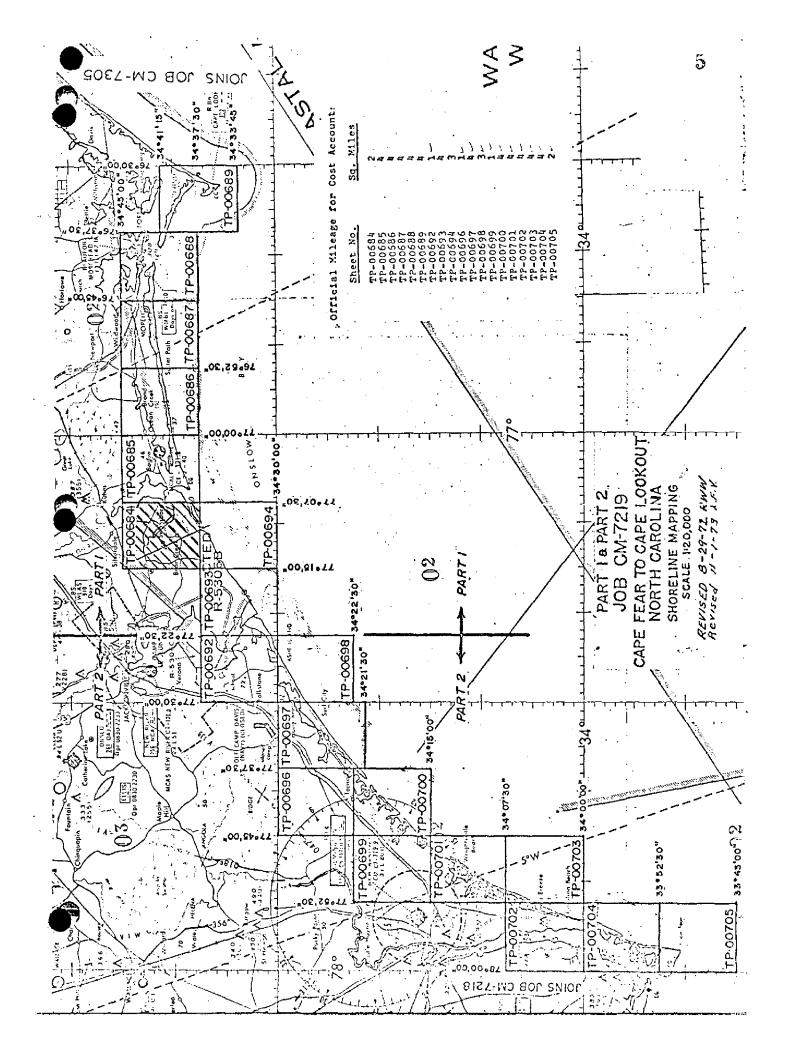
4. CONTEMPORARY	HYDROGRAPHIC	SURVEYS (List only those	surveys that are sources	for photogramme	stric survey information.)
SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USE

5. FINAL JUNCTIONS	<del></del>			
NORTH	EAST	SOUTH	WEST	
No Survey	TP-00685	TP-00694	No Survey	_
REMARKS				

NOAA FORM 76-36C (3-72)		NATIONAL OCEA	U.S. DEPARTME	CADMINIST	RATION
	TP-00684 HISTORY OF FIELD	OPERATIONS.	NATION/	AL OCEAN	SURVEY
I. X FIELD INSPECTION OP	ERATION FIELI	DEDIT OPERATION			
· o	PERATION		NAME	DA	ΓE
1. CHIEF OF FIELD PARTY		R. Tibbetts	•	Sept.	1073
	RECOVERED BY	R. Tibbetts		Sept.	
2. HORIZONTAL CONTROL	ESTABLISHED BY	None	)	Deber	<del>1717</del>
	PRE-MARKED OR IDENTIFIED BY	R. Black		Sept.	1973
	RECOVERED BY	NA	-		
3. VERTICAL CONTROL	ESTABLISHED BY	NA			
	PRE-MARKED OR IDENTIFIED BY	NA	<u>, , , , , , , , , , , , , , , , , , , </u>	ļ	
	RECOVERED (Triangulation Stations) BY	None			
4. LANDMARKS AND AIDS TO NAVIGATION	LOCATED (Field Methods) BY	None			
	IDENTIFIED BY	None		<del></del>	
	TYPE OF INVESTIGATION				
5, GEOGRAPHIC NAMES INVESTIGATION	SPECIFIC NAMES ONLY				
	NO INVESTIGATION	•	•	1	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	NA			
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA		<u> </u>	
II. SOURCE DATA					
1. HORIZONTAL CONTROL ID	Premark	2. VERTICAL CO	NTROL IDENTIFIED		
РНОТО NUMBER	STATION NAME	PHOTO NUMBER	STATION DES	GNATION	
73C(C)(I)  4671 SAUNDE	RS, 1914			-	
3. PHOTO NUMBERS (Clarificate) 4. LANDMARKS AND AIDS TO	, 				
None	,				
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT	NAME	
5. GEOGRAPHIC NAMES:	REPORT X NONE	6. BOUNDARY AN	D LIMITS: REPOR	RT X N	ONE
7. SUPPLEMENTAL MAPS AN None	D PLANS				
8. OTHER FIELD RECORDS (S 1 CSI Card (I 1 Form 266	Sketch books, etc. DO NOT list data submit Form 76-53) Observation of Sun for Az Computation of Altitude ar	imuth and Tin	ge .		

NOAA FORM <b>76–36C</b> (3–72)	TP-00684 History of Field	•	EANIG AND ATM	DEPARTMENT OF COMMERC MOSPHERIC ADMINISTRATIO NATIONAL OCEAN SURVE
1 FIELD INSPECTION OPE	· · · · · · · · · · · · · · · · · · ·	D EDIT OPERATIO	<del></del>	
OP	ERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		Robert S.	Tibbetts	Jan. 1975
	RECOVERED BY	NA		
2. HORIZONTAL CONTROL	ESTABLISHED BY	NA		
	PRE-MARKED OR IDENTIFIED BY	NA		
	RECOVERED BY	NA		
3. VERTICAL CONTROL	ESTABLISHED BY	NA		
	PRE-MARKED OR IDENTIFIED BY	NA		<u> </u>
	ECOVERED (Triangulation Stations) BY	NA		
4. LANDMARKS AND AIDS TO NAVIGATION	LOCATED (Field Methods) BY	NA		
	IDENTIFIED BY	NA		
	TYPE OF INVESTIGATION			
5. GEOGRAPHIC NAMES INVESTIGATION	COMPLETE			
IN VESTION TION	SPECIFIC NAMES ONLY			
	X NO INVESTIGATION	374		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	NA NA		
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA		
II. SOURCE DATA  1. HORIZONTAL CONTROL IDE	NTIFIED	2. VERTICAL C	ONTROL IDENT	IFIED
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			1	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STA	TION DESIGNATION
None				
3. PHOTO NUMBERS (Clarificati	ion of details)	<u> </u>		· · · · · · · · · · · · · · · · · · ·
None	on or dolario,			
4. LANDMARKS AND AIDS TO N None	IAVIGATION IDENTIFIED			
PHOTO NUMBER	OBJECT NAME	РНОТО NUMBER	₹	OBJECT NAME
5. GEOGRAPHIC NAMES:	REPORT X NONE	6. BOUNDARY A	ND LIMITS: /	REPORT TO NONE
7. SUPPLEMENTAL MAPS AND		or coolienti A	LIND LIMITS.	THEFORT X NOWE
None				
8. OTHER FIELD RECORDS (Sk	etch books, etc. DO NOT list data submit	ted to the Geodesy	Division)	
1 Field Edit C 1 Field Edit F	Dzalid			

NOAA FOI (3-72)	ORM 76-36D		П,	P-00684	ATIONAL OCEA				T OF COMMERCE Administration
				PRD OF SURVE	Y USE				
I. MANUS	SCRIPT COPIES					<u> </u>			
		OMPIL#	ATION STAGE	T		<del></del> -}		-	T FORWARDED
	DATA COMPILED		DATE		EMARKS		MARINE CHAP	RTS 1	HYDRO SUPPORT
	ation Complete, g fieldedit	0с	t. 1974	Class III Supers	Manuscript seded		11/27/74		12/2/74
	edit applied ation complete	Fel	b. 1975	Class I Ma Supers			6/3/75		
Final R	Review	Ма	r. 1976						
	MARKS AND AIDS TO NAVIGA								
I. REP	PORTS TO MARINE CHART D	JIVISIO!	N, NAUTICAL	_ DATA BRANCH					
NUMBER	CHART LETTER NUMBER ASSIGNED	FC	DATE ORWARDED	<u> </u>		REMA	RKS		
ı							•		
		-							
				<del>                                     </del>				_	
		<u> </u>							
<u></u>	REPORT TO MARINE CHART REPORT TO AERONAUTICA		•					DED:	
<u> </u>	ERAL RECORDS CENTER DA			, , , , , , , , , , , , , , , , , , , ,		/14-	14.1		
2. X	BRIDGING PHOTOGRAPHS; CONTROL STATION IDENT SOURCE DATA (except for G ACCOUNT FOR EXCEPTION	TIFICAT Geograp	TION CARDS;	FORM NOS	S 567 SUBMITTS	LED BA	FIELD PARTI	TIES.	
4 [	DATA TO FEDERAL RECO	ORDS C	ENTER. DAT	TE FORWARDED:					
IV. SURV	YEY EDITIONS (This section s	shall b			a edition is regi				
	SURVEY NUMBER		JOB NUMBE	ER			TYPE OF SURV		
SECOND	2477 27 20 20 20 20 20	(2)	PH		4	_ REV			URVEY
EDITION	N DATE OF PHOTOGRAPI	HY ,	DATE OF FI	FELD EDIT	) 	П.,,	MAP CLASS	s ] v.	FINAL
	SURVEY NUMBER		JOB NUMBEI	i R	L-111-		YPE OF SURV		Li times
THIRD		(3)	РН		(	_		] RESU	JRVEY
EDITION			DATE OF FI			<b>□</b> µī.	MAP CLASS	_	FINAL
	SURVEY NUMBER		JOB NUMBEI	.R	<u> </u>	_	YPE OF SURV		
FOURTH	DATE OF PHOTOGRAPI	(4) PHY	PH		1	REVI		RESÚI c	RVĖY
EDITION	DATE OF PROTOGRAPH	нт ,	DATE OF FI	ELD EDIT		⊐ш.	MAP CLASS		PINAL



#### 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 infrared, 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.

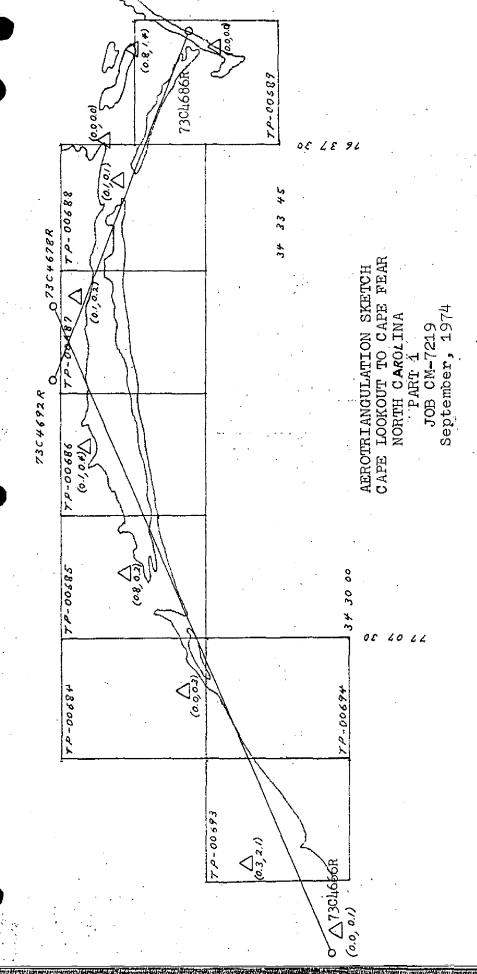
Submitted by,

Don O. Norman

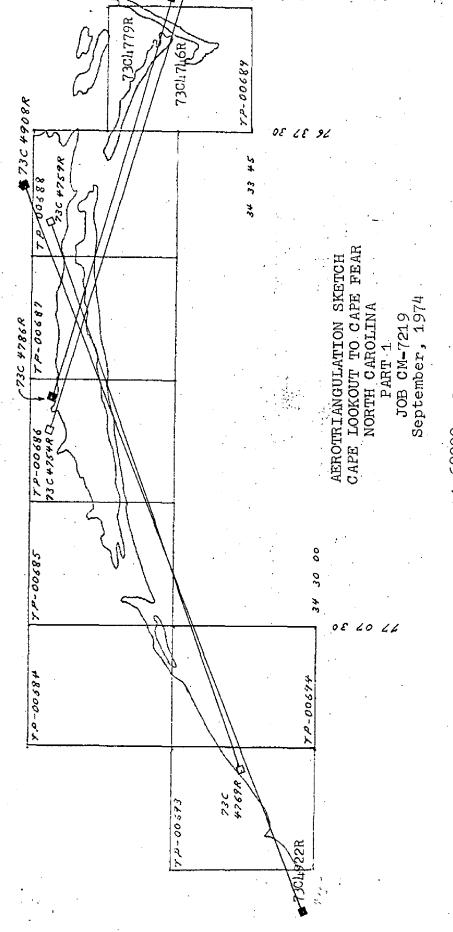
Approved by:

John D. Perrow, Jr.

Chief, Aerotriangulation Section



o 1:60000 Bridging Photos color IR



1:60000 color IR MIW

MAP NO.  TP-00684  STATION NAME  STATION NAM	DESCRIPTIVE REPORT CO  GEODETIC DATUM  N.A.  AEROTRI- STATE NOTE  W=  X=  Y=  X=  Y=  X=  Y=  Y=  Y=  Y=  Y	PTIVE REPORT CONTROL RECORD  GEODETIC DATUM  N.A. 1927  COORDINATES IN FEET STATE North Carolina  X=  Y=  Y=  Y=  X=  Y=  Y=  X=  Y=  Y=	3 3 4 7 4 7 4 7 4 7 4 8 8 8 8 8 8 8 8 8 8 8	TING , TING , TING , TING , TING , TO , TO , 406 , 406 , 413 , 413 , 456	Mapping Section, Mapping Section, Forward 1099.6 ( 1372.4 ( 1372.4 ( 1496.8 ( 341.4 (1 341.4 (1 2558.5 ( 1770.4	c ADMINISTRATION c ADMINISTRATION strion, AMC REMARKS d Back 6 (749.3) 4 (155.8) 8 (687.0) 2 (594.2) 8 (352.1) 4 (1186.7)
FP-00684  STATION NAME  STATION NAME  SOURCE OF INFORMATION  G.P. VOl.  C.P.		N.A. 1927 ATES IN FEET North Carolina	0 34 77 77 77 77 34 34 34	1110 1 1110 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1999, 1372, 1372, 1372, 1341, 934, 1496, 1258, 1770, 1770,	ARKS Back (749.3) (155.8) (687.0) (594.2) (352.1)
CK, 1855  1914  CK, 1855		N.A. 1927 ATES IN FEET North Carolina	0 34 34 77 77 77 77 34 34	181   181   188   188 	390 372, 161, 161, 161, 170, 770,	ARKS Back (749.3) (155.8) (687.0) (594.2) (352.1)
SOURCE OF INFORMATION (Index) (InfoRMATION (Index))  ERS, 1914  CK, 1855  Pg. 493  G.P. Vol.  2  CK, 1855  Pg. 500  G.P. Vol.  2  1914  Pg. 493  G.P. Vol.  2  Pg. 493  1914  Pg. 493  Fg. 493  1914  Pg. 492		North Carolina	34 77 77 77 77 34 34 34	686 686 686 689 704 704 675 575 406 426 413	372 372 372 372 372 372 372 770	ARKS Back (749.3) (155.8) (687.0) (594.2) (352.1)
ERS, 1914  G.P. Vol.  Fg. 493  G.P. Vol.  G.P. Vol.  CK, 1855  Pg. 500  G.P. Vol.  2  1914  Pg. 493  G.P. Vol.  2  Pg. 493  G.P. Vol.  2  Pg. 493  G.P. Vol.  Pg. 493  G.P. Vol.	× 2 × 2 × 2 × 2 × 2		34 34 77 77 34 777 34 37 37 37 37 37 37 37 37 37 37 37 37 37	1 LONGITUDE " 38 35.686 10 53.889 37 37.704 12 36.675 38 48.575 10 13.406 38 26.024 38 26.024 38 57.456	Forward 1099.6 1372.4 1161.8 934.2 1496.8 341.4 801.9 1258.5	Back (749.3) (155.8) (687.0) (594.2) (352.1) (1186.7)
ERS, 1914 Pg. 4 G.P. 4 G.P. 6 G.P. 6 G.P. 6 G.P. 6 G.P. 7 G.P. 7 G.P. 7 G.P. 7 G.P. 7 G.P. 4 G.P. 4 G.P. 4			34 34 77 77 34 37		1099.6 1372.4 1161.8 934.2 1496.8 341.4 801.9 1258.5	(749.3) (155.8) (687.0) (594.2) (352.1) (1186.7)
ERS, 1914  W, 1914  CK, 1855  Pg. 4  G.P.  1914  Pg. 4  G.P.  1914  Pg. 4			34 34 77 77 34 77 77 34 34 34 34		1372.4 1161.8 934.2 1496.8 341.4 801.9 1258.5	(155.8) (687.0) (594.2) (352.1) (1186.7)
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M, 1914  G.P.  CK, 1855  Pg. 5  G.P.  1914  Pg. 4  G.P.  1914  Pg. 4			34 34 77 77 34 34		934.2 1496.8 341.4 801.9 1258.5	(594.2) (352.1) (1186.7)
CK, 1855 Pg. 5 G.P. , 1914 Pg. 4 G.P. 1914 Pg. 4			34 34 77 77 34 34 34 34		1496.8 341.4 801.9 1258.5 1770.4	(352.1)
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1914 Pg. 4	=ħ		34		1770.4	(269.7)
1914 Pg.	y=		Liki			(78.5)
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COMPUTED BY A.C. Rauck, Jr. 10/4	/74	COMPUTATION CHECKED BY J.R. Minton	uc		DATE 10/7/74	
		1			DATE	
HAND PLOTTING BY DA	DATE HAND PL	HAND PLOTTING CHECKED BY			DATE	

#### COMPILATION REPORT

#### TP-00684

## 31. <u>DELINEATION</u>

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, except that the MHW and MLW lines were compiled graphically from tide coordinated infrared ratios. The 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. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

## 35. SHORELINE AND ALONGSHORE DETAILS

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

Both the mean high water lines and mean low water lines were delineated graphically from the tide coordinated photographs.

## 36. OFFSHORE DETAILS

None

## 37. <u>LANDMARKS AND AIDS</u>

Preliminary Forms 76-40, Nonfloating Aids or Landmarks for map. 58 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 was made with the following U.S. Geological Survey Quadrangle: HUBERT, N.C., scale 1:24,000, dated 1952.

## 47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey chart: 833-SC, Neuse River to Myrtle Grove Sound, N.C., scale 1:40,000, dated March 1973.

## ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

## ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Cartographic Technician

Oct. 18, 1974

Approved:

Albert C. Rauck, Jr.

Chief, Coastal Mapping Section, AMC

## ADDENDUM TO THE COMPILATION REPORT

TP-00684

## FIELD EDIT

Field edit was adequate.

16 Oct. 1975

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

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

TP-00684

Atlantic Ocean

Bear Beach

Onslow Bay

Approved by

Chas. E. Harrington Staff Geographer--C51x2

NOAA FORM 75-74	<del></del>		L.	I.S. DEPARTMENT OF COMMERCE
(7-75)	PHO	TOCPANNET	TRIC OFFICE REVIEW	NOAA NATIONAL OCEAN SURVEY
			P = 00684	1
1. PROJECTION AND GRIDS	12. TITLÉ		3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
1. PROJECTION AND GRIDS	2 11112		3. MANUSCRIPT NUMBERS	A. MANUSCRIPT SIZE
FM		FM	FM	FM
CONTROL STATIONS				
5. HORIZONTAL CONTROL ST THIRD-ORDER OR HIGHER	ATIONS OF CCURACY	6. RECOVERA	BLE HORIZONTAL STATIONS HAN THIRD-ORDER ACCURACY	7. PHOTO HYDRO STATIONS
FM	•	(Topogræphi	NA	NA
8, BENCH MARKS	9. PLOTTING	OF SEXTANT	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
NA		FM	FM	FM
ALONGSHORE AREAS (Nautica	( Chart Data)	, <u></u>		
12. SHORELINE	13. LOW-WATE	RLINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
FM		FM	FM	. FM
16. AIDS TO NAVIGATION	17. LANDMAR	KS	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
FM		FM	FM	· FM
PHYSICAL FEATURES				
20. WATER FEATURES		21. NATURAL	GROUND COVER	22. PLANETABLE CONTOURS
			NA	NA
23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOUR	S IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
NA		NA	·· NA	
CULTURAL FEATURES				
27. ROADS	28. BUILDING	S	29. RAILROADS	30. OTHER CULTURAL FEATURES
FM		FM .	FM	FM .
BOUNDARIES	· • · · · · · · · · · · · · · · · · · ·		<del></del>	<u>.</u>
31. BOUNDARY LINES		NA	32. PUBLIC LAND LINES NA	
<u> </u>		NA	I NA	
MISCELLANEOUS  33. GEOGRAPHIC NAMES		34. JUNCTION	ıs	35. LEGIBILITY OF THE
			-	MANUSCRIPT
FM			FM	FM
36. DISCREPANCY OVERLAY	37. DESCRIPT	IVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
FM		FM	· ·	FM
40. REVIEWER			SUPERNISOR REVIEW SECTIO	OR UNIT LO
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- Hunk/Mar	wall_	· · · · · · · · · · · · · · · · · · ·	Albert C. Rauck, J	Dr.
41. REMARKS (See attached she			<u> </u>	·
FIELD COMPLETION ADDITION				
script is so we omplete ex	turnished by the	ne field comple ider item 43.	tion survey have been applied t	to the manuscript. The manu-
COMPILER A.L. Shands		eb. 1975	SUPERVISOR	Rauch D
Reviewed: J.R. Mir		lay, 1975	Albert C. Rauck, J	Ranck Jr.
43. REMARKS	10011 1	uy, 17/7	ATDELO OF BAUCK, O	I <b>L</b> •
	nges were m	ade to thi	s map as a result of	Field Edit.
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# FIELD EDIT REPORT JOB CM-7219 CAPE FEAR TO CAPE LOOKOUT, NORTH CAROLINA MAP Tp-00684

## 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. No significant changes were noted during field edit. There is very little shoreline on this map.

## 54. Recommendation

There are no recommendations.

## 565 Landmarks and Non-Floating Aids for Navigation

There are no landmarks or non-floating aids for navigation.

## 57. Rocks, Reefs, and Shoals

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

## 58. Photography

Photography consisted of 1:20,000 black and white ratio prints of 1:60,000 scale photography. The matte finish field prints were partly fuzzy. 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 Surveying Technician Photo Party 62

NOAA FORM 76-40						U.S	DEPARTA	ENT OF COMMERCE	ORIGINATING ACTIVITY	CTIVITY
(8= /4)   Replaces C&GS Form 567.	rm 567.	TING AIDS OR	LANDMAR	KS FO	R CHAI	TS ST	MOSPHER	NONFLOATING AIDS OR LANDMARKS FOR CHARTS	HYDROGRAPHIC PARTY GEODETIC PARTY DHOTO FIELD DARTY	ARTY TV
X TO BE CHARTED	REPORTING	STATE		13_	CALITY			DATE	COMPILATION ACTIVITY	ייידי
TO BE DELETED	_		North Carolina					<del>.</del>	COAST PILOT BRANCH	L& REVIEW GRP.
The following objects	HAVE	HAVE NOT [X] been inspected from seaward to determine their value as landmarks.	om seaward	to detern	nine their	value as	landmarks.		(See reverse for responsible personnel)	ible personnel)
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				/	POSITION	×		(See Instructions	(See instructions on reverse side)	CHARTS
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		QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
TRUCTIONS FOR ENTRIES UNDER '» (Consult Photogrammetri	NETHOD AND DATE OF LOCATION' ic Instructions No. 64,	
ED OBJECTS	mmetric	field positions** require
including month,	entry of method of	location or verification,
ect.	še	to locate or identify the object. -8-V 8-12-75
	74L(C)298	2
S S	II. TRIANGULATION STATION When a landmark or ai	RECOVERED d which is also a tri-
ric	angulation station is Rec.' with date of re	, enter
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ld identified	8-12-75	
netable	III. POSITION VERIFIED VIS	UALLY ON PHOTOGRAPH
tant	Enter 'V+Vis.' and da	te.
entry of method of ld work.		
	<pre>(IC FIELD in part.)</pre>	POSITIONS are dependent upon control established
by field obser- ound survey methods.	ne t r	4
	TYPE OF ACTION  RESPONSIBLE F THES UNDER N  (Consult Photogrammetric  (Consult Photogrammetric  (Consult Photogrammetric  (Consult Photogrammetric  (Consult Photogrammetric  (Consult Photogrammetric  EXAMPLE: 75E(0)6042  RESPONSIBLE F TO FIRE OR PRIFIED  RESPONSIBLE F TO FIRE SUBJECTS  RESPONSIBLE F TO F THES UNDER N  (Consult Photogrammetric  (Consult Photogram	RIES UNDER 'METHOD AND DATE OF LOCATION'  **Phorogrammetric hetroctions No. 64.*  FIELD (Cont'd)  B. Photogrammetric field work graph used to locat EXAMPLE: P-8-V  8-12-75  74L(C)298  11. TR!ANGULATION STATION When a landmark or ai angulation station is Rec.' with date of reEXAMPLE: Triang. Rec EXAMPLE: Triang. Rec EXAMPLE: V-Vis.' and date of receive to locate example: With date of receive mith date of r

NOAA FORM 75-40 (8-74)

SUPERSEDES NOAA FORM 78-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

## REVIEW REPORT TP-00684

#### SHORELINE

## March 8, 1976

## 61. GENERAL STATEMENT:

See Summary, which is page 6 of this Descriptive Report.

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

## 62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with a copy of Survey T-9396S, 1:10,000 scale, dated October 1954. Significant differences are shown in blue on the comparison print.

In the area compared, TP-00684 supersedes T-9396S for nautical chart construction purposes. T-9396S is the latest registered prior survey of the area.

## 63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangle HUBERT, NC, 1:24,000 scale, dated 1952. No significant differences were noted.

## 64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys of the shoreline area were available for comparison.

## 65. COMPARISON WITH NAUTICAL CHARTS:

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

Submitted:

Charles H. Bishop Cartographer

Charles HBrshop

8 March, 1976

Approved for forwarding:

people Vouscek

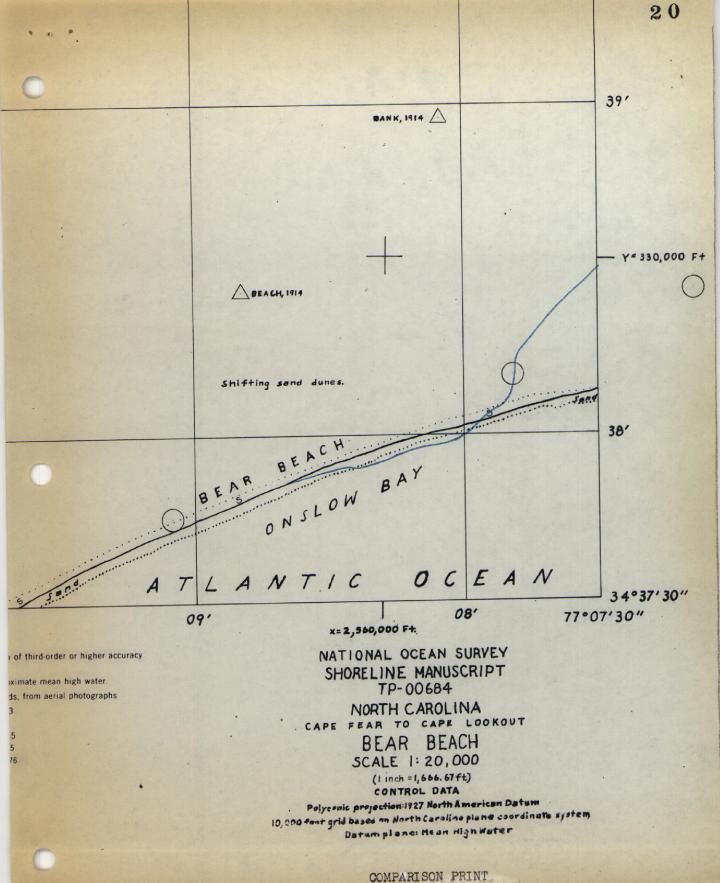
Joseph W. Vonasek

Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division



PARA

Blue = T-9396 S

## **RECORD OF APPLICATION TO CHARTS**

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

## INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.

In "Remarks" column cross out words that do not apply.
 Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

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(11541)			Drawing No. 178 (According Applied)
TU	5-74-78	M. MOORE	Full Part Before After Verification Review Inspection Signed Via
11542)	<u> </u>		Drawing No. 18 (Fully Apoles)
	<u></u>		
1234	6-19-79	M. PANS	Full Part Before After Verification Review Inspection Signed Via
(11543)			Drawing No. 28-(Adamsotely Apolica)
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