

TP-00694



TP-00694

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 <u>Shoreline</u>	
Job No. <u>CM-7219</u>	Map No. <u>TP-00694</u>
Classification No. <u>III</u>	Edition No. <u>1</u>
<h3>LOCALITY</h3>	
State <u>North Carolina</u>	
General Locality <u>Cape Fear to Cape Lookout</u>	
Locality <u>Browns Inlet</u>	
<hr/> <b>1973 TO 1975</b> <hr/>	
<h3>REGISTRY IN ARCHIVES</h3>	
DATE .....	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. 00694	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. (1)	
				<input type="checkbox"/> RESURVEY		MAP CLASS III	
<input type="checkbox"/> REVISED				JOB <del>SM</del> CM-7219			
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			
Oct. 9, 1974 Sept. 26, 1974				Compilation Aerotriangulation  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				4. GRID(S)			
Polyconic				STATE North Carolina		ZONE	
5. SCALE				STATE		ZONE	
1:20,000							
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY				D. Norman		Sept. 1974	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY				Keating		Sept. 1974	
				Keating		Sept. 1974	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				R.R. White		Oct., 1974	
INSTRUMENT: Wild B-8				L.O. Neterer		Oct., 1974	
SCALE: 1:30,000				NA			
				NA			
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: Wild B-8 and Graphic CHECKED BY				J.R. Minton		Oct., 1974	
				F. Margiotta		Nov., 1974	
METHOD: Smooth Drafted				NA			
				NA			
SCALE: 1:20,000 HYDRO SUPPORT DATA BY				NA			
				NA			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				F. Margiotta		Nov., 1974	
6. APPLICATION OF FIELD EDIT DATA BY				A.L. Shands		Feb., 1975	
				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							
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R.T. CATDR		AUG 1976	

NOAA FORM 76-36B  
(3-72)TP-00694  
COMPILATION SOURCESU. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

## I. COMPILATION PHOTOGRAPHY

CAMERA(S) 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 <input checked="" type="checkbox"/> (P) PANCHROMATIC (I) INFRARED <input checked="" type="checkbox"/>		ZONE Eastern <input checked="" type="checkbox"/> STANDARD MERIDIAN 75th <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 730(C)(I)4669 - 4671	13 OCT 73	09:43	1:60,000	2.5 ft. above MLW	
** 730(C)(I)4767 - 4768	13 OCT 73	14:37	1:60,000	±0.2 ft. of MLW	
** 730(C)(I)4917 - 4919	18 OCT 73	10:10	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 high 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	EAST	SOUTH	WEST
TP-00684	No Contemporary Survey	No Contemporary Survey	TP-00693

REMARKS

**HISTORY OF FIELD OPERATIONS**

I. <input type="checkbox"/> FIELD INSPECTION OPERATION		<input checked="" type="checkbox"/> FIELD EDIT OPERATION	
OPERATION	NAME	DATE	
1. CHIEF OF FIELD PARTY	Robert S. Tibbetts	Jan. 1975	
2. HORIZONTAL CONTROL	RECOVERED BY		
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY		
3. VERTICAL CONTROL	RECOVERED BY	N.A.	
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED ( <i>Triangulation Stations</i> ) BY	N.A.	
	LOCATED ( <i>Field Methods</i> ) BY		
	IDENTIFIED BY		
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION		
	<input type="checkbox"/> COMPLETE BY		
	<input type="checkbox"/> SPECIFIC NAMES ONLY		
	<input type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	N.A.	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N.A.	
II. SOURCE DATA			
1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
N.A.		N.A.	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS ( <i>Clarification of details</i> )			
N.A.			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED			
N.A.			
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> )			
1 Field Edit Report 1 Field Edit Ozalid			

**I. MANUSCRIPT COPIES**

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete, pending field edit	NOV. 1974	Class III Manuscript Superseded	11/27/74	12/2/74
* Field edit applied Compilation complete	FEB. 1975	Class III Manuscript	6/3/75	
Final Review	MAR. 1976	Class III Manuscript		
* The field editor was not allowed to enter this prohibited area. Only the limits of the prohibited area were obtained. Therefore, Classification of this map remains Class III.				

**II. LANDMARKS AND AIDS TO NAVIGATION** None

**I. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH**

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
	No landmarks or fixed aids.		

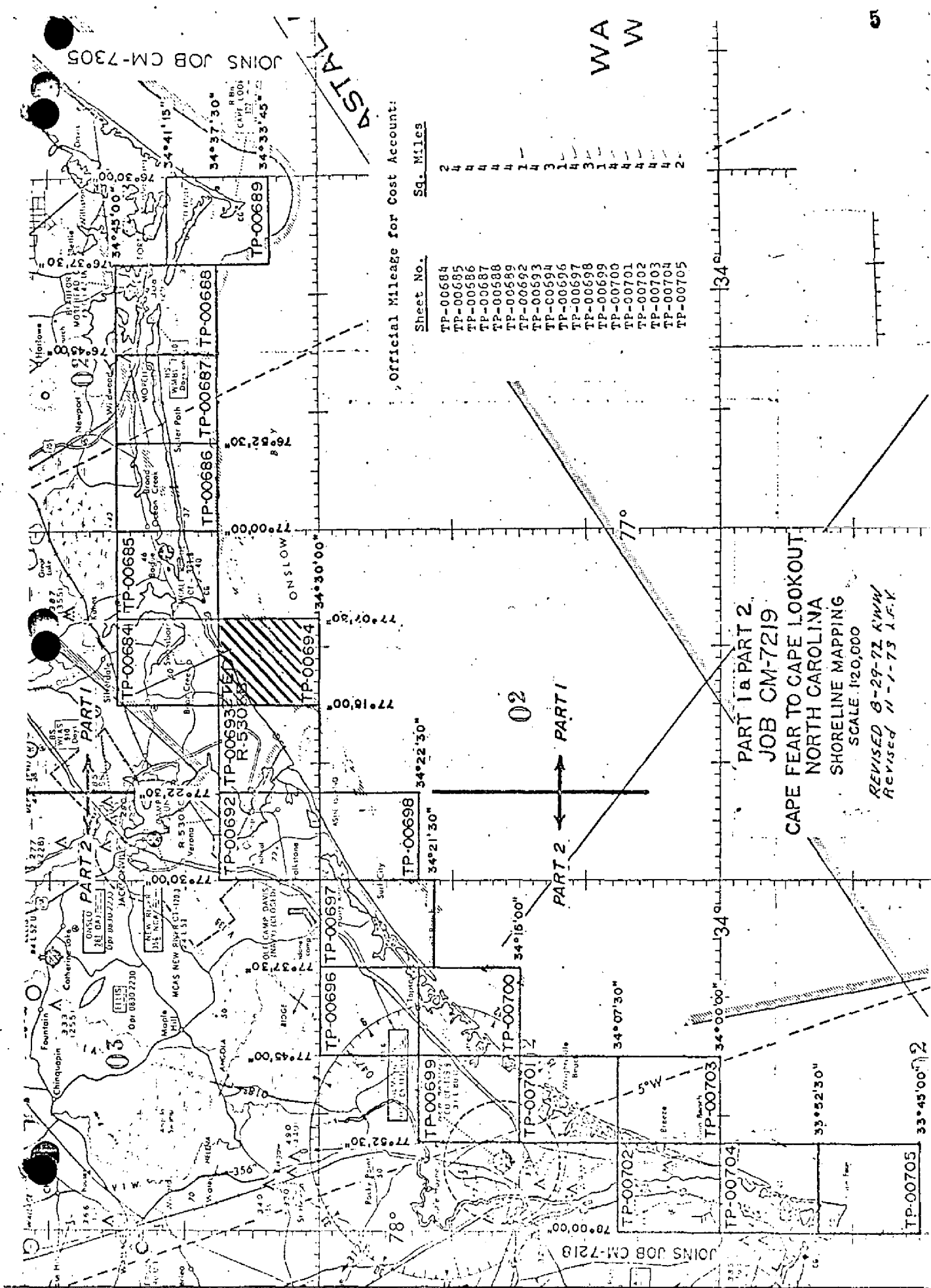
2.  REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: \_\_\_\_\_  
 3.  REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

**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

JOINS JOB CM-7218

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-00690	1
TP-00691	4
TP-00692	1
TP-00693	3
TP-00694	1
TP-00695	4
TP-00696	3
TP-00697	4
TP-00698	1
TP-00699	4
TP-00700	4
TP-00701	4
TP-00702	4
TP-00703	4
TP-00704	4
TP-00705	2

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

WA  
W

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.

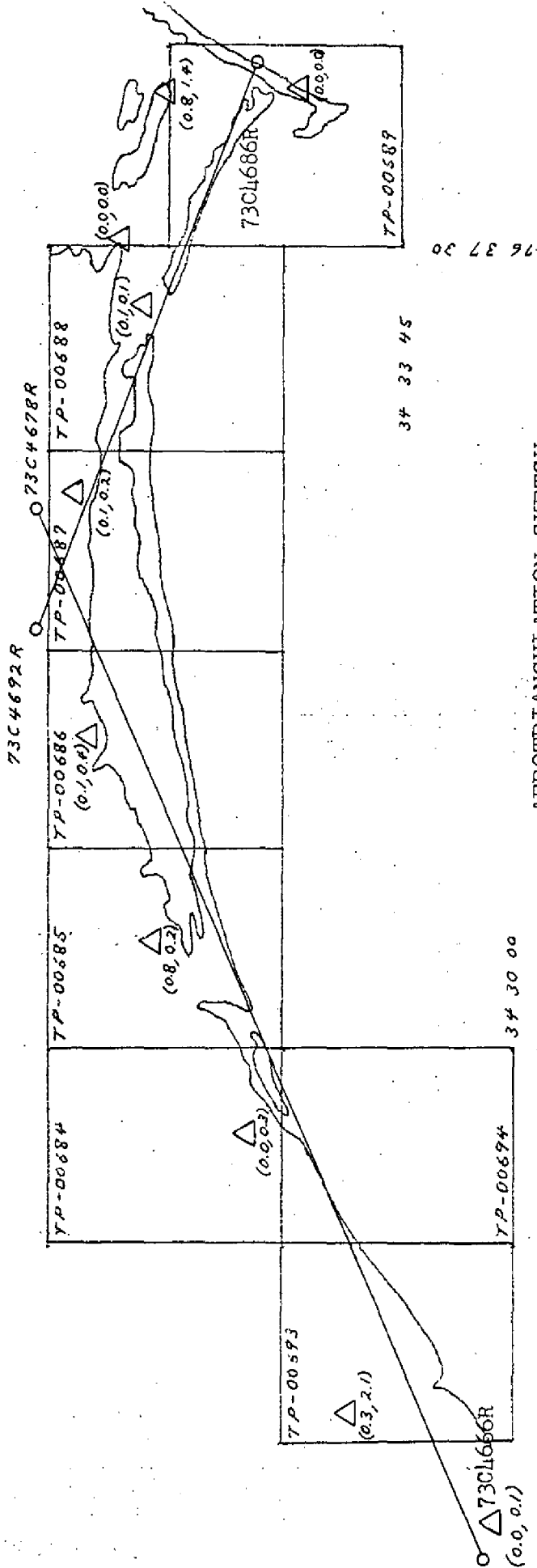
Submitted by,

*Don O. Norman*  
Don O. Norman

Approved by:

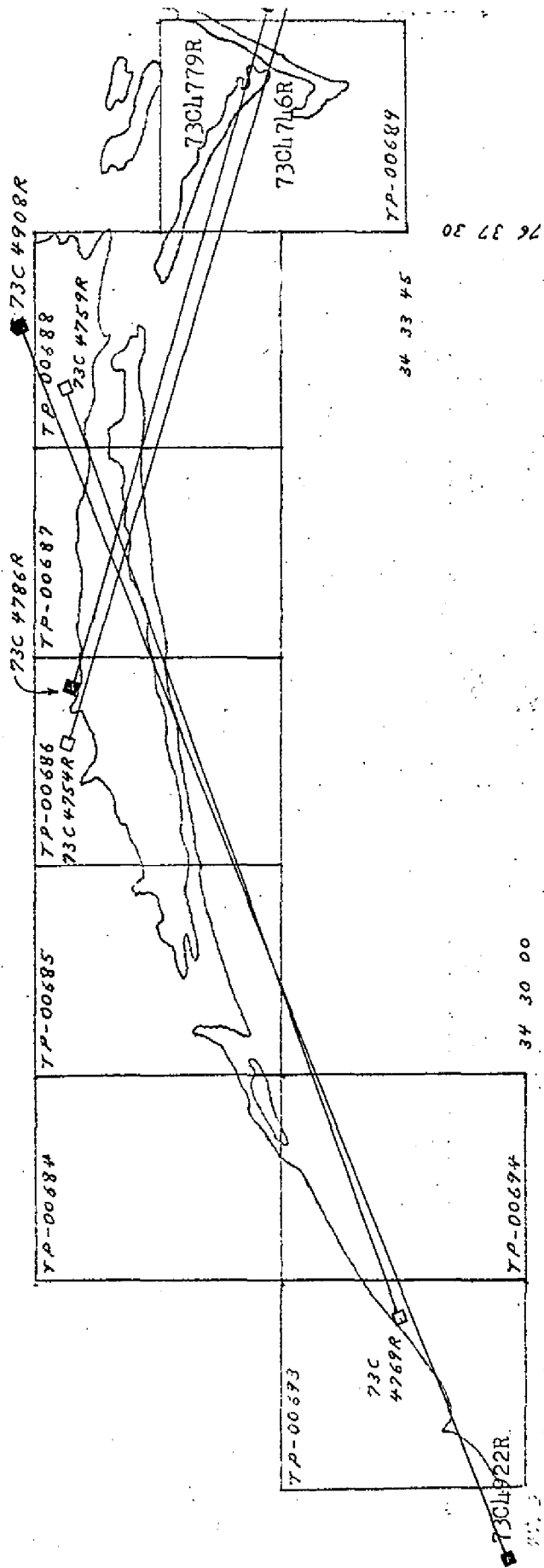
*John D. Perrow, Jr.*

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 MLM
- 1:60000 color IR MHW

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-00694	JOB NO. CM-7219	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM N.A. 1927		ORIGINATING ACTIVITY Coastal Mapping Section, AMC		REMARKS Forward Back
				COORDINATES IN FEET STATE North Carolina ZONE		φ LATITUDE λ LONGITUDE		
CEDAR, 1914		Bridge Form 164, Pg. 4 of 5		x= 310,174.93	φ			174.93 (9,825.07)
			y= 2,529,570.75	λ			9,570.75 (429.25)	
			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.	DATE 10/7/74	COMPUTATION CHECKED BY J.R. Minton	DATE 10/7/74
LISTED BY	DATE	LISTING CHECKED BY	DATE
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

## COMPILATION REPORT

TP-00694

31. DELINEATION

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

The bridging models were set on the Wild B-8 stereoplotter and pass points dropped common to both the MHW and MLW tide coordinated photography. The tide coordinated photographs were then used to compile the mean high and mean low water lines graphically.

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 delineated.

35. SHORELINE AND ALONGSHORE DETAILS

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

The mean high water line was delineated from office interpretation of the photographs. See Item #31.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

None

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: BROWNS INLET, N.C., 1:24,000 scale, dated 1952.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following National Ocean Survey chart:

No. 11234 (C&GS 833-SC) 1:40,000 March 1973.

No. 11249 (C&GS 1234) 1:80,000 April 1972.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

*James R. Minton*  
J.R. Minton, Carto. Aid  
11/1/74

Approved:

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

ADDENDUM TO THE COMPILATION REPORT

TP-00694

FIELD EDIT

The entire mapped area is a prohibited area of the Camp LeJeune Military Reservation. Permission to enter the area was not allowed; therefore, compilation of this map was not edited. The field editor did ascertain that there are no landmarks and aids within the mapped area. He also indicated the east and west limits of the prohibited area.

Classification remains Class III.

*Charles H. Bishop*

Charles H. Bishop  
Final Reviewer  
25 March 1976

16 Oct. 1975

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

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

TP-00694

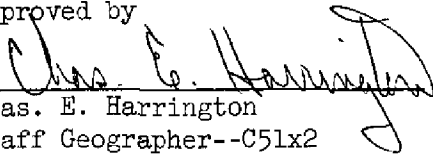
Atlantic Ocean

Bear Inlet

Browns Inlet

Onslow Bay

Approved by

  
Chas. E. Harrington  
Staff Geographer--C51x2



**PHOTOGRAMMETRIC OFFICE REVIEW**  
TP - 00694

1. PROJECTION AND GRIDS FM		2. TITLE FM		3. MANUSCRIPT NUMBERS FM		4. MANUSCRIPT SIZE FM	
<b>CONTROL STATIONS</b>							
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY				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	
<b>ALONGSHORE AREAS (Nautical Chart Data)</b>							
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	
<b>PHYSICAL FEATURES</b>							
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	
<b>CULTURAL FEATURES</b>							
27. ROADS FM		28. BUILDINGS FM		29. RAILROADS FM		30. OTHER CULTURAL FEATURES FM	
<b>BOUNDARIES</b>							
31. BOUNDARY LINES NA				32. PUBLIC LAND LINES NA			
<b>MISCELLANEOUS</b>							
33. GEOGRAPHIC NAMES FM				34. JUNCTIONS FM		35. LEGIBILITY OF THE MANUSCRIPT FM	
36. DISCREPANCY OVERLAY FM		37. DESCRIPTIVE REPORT FM		38. FIELD INSPECTION PHOTOGRAPHS FM		39. FORMS FM	
40. REVIEWER F. Margiotta Nov. 1974 <i>Frank Margiotta</i>				SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.			
41. REMARKS (See attached sheets)							
<b>FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT</b>							
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 A.L. Shands <i>A.L. Shands</i> Feb. 6, 1975 Reviewer: <i>James R. Minton</i> J.R. Minton May 20, 1975				SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.			
43. REMARKS Field edit applied from field edit ozalid TP-00694							

FIELD EDIT REPORT  
JOB CM 7219  
CAPE FEAR TO CAPE LOOKOUT, NORTH CAROLINA  
MAP TP-00694

52. Adequacy of Compilation

The MHWL was accepted as compiled according to instructions received from the Chief, Coastal Mapping Division, dated May 28, 1974. This area is a prohibited area of Camp Le Jeune U.S.M.C. Military Reservation. It is used as an artillery, naval gunnery and bombing range. There are large amounts of live ordinance in the area and permission could not be obtained to enter it.

54. Recommendations

There are no recommendations

56. Landmarks and Non-Floating Aids for Navigation

There are no Landmarks or Non-Floating Aids within the compiled limits of this map.

57. Rocks, Reefs, and Shoals

There are no rocks or reefs as defined, 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.

*Lawrence H. Davis*

Lawrence H. Davis  
Surveying Technician  
Photo Party 62

## REVIEW REPORT TP-00694

## SHORELINE

March 25, 1976

61. GENERAL STATEMENT:

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

A comparison print showing differences noted in Par. 62, 63, and 65 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with a copy of Survey T-9400, 1:10,000 scale, dated January 1955. Significant differences are shown in blue on the comparison print.

In the area compared, TP-00694 supersedes T-9400 for nautical chart construction purposes. T-9400 is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangle BROWNS INLET, N.C., 1:24,000 scale, dated 1952, photorevised in 1971. Significant differences are shown in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic survey of the inshore area was 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. Significant differences are shown in red on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map was not field edited. Classification is Class III.

No problems were encountered in bridging or compilation.

Map TP-00694 complies with Project Instructions dated October 9, 1974, except as explained in Summary, page 6a. It meets requirements for Bureau Standards and National Standards of Map Accuracy.

Submitted:

*Charles H. Bishop*

Charles H. Bishop  
Cartographer  
26 March 1976

Approved for forwarding:

*Joseph W. Vonasek*

Joseph W. Vonasek  
Chief, Photogrammetric Branch, AMC

Approved: *S. H. Blankenship*  
*for A. K. Heywood*

Chief, Photogrammetric Branch

*Halter S. Linn*

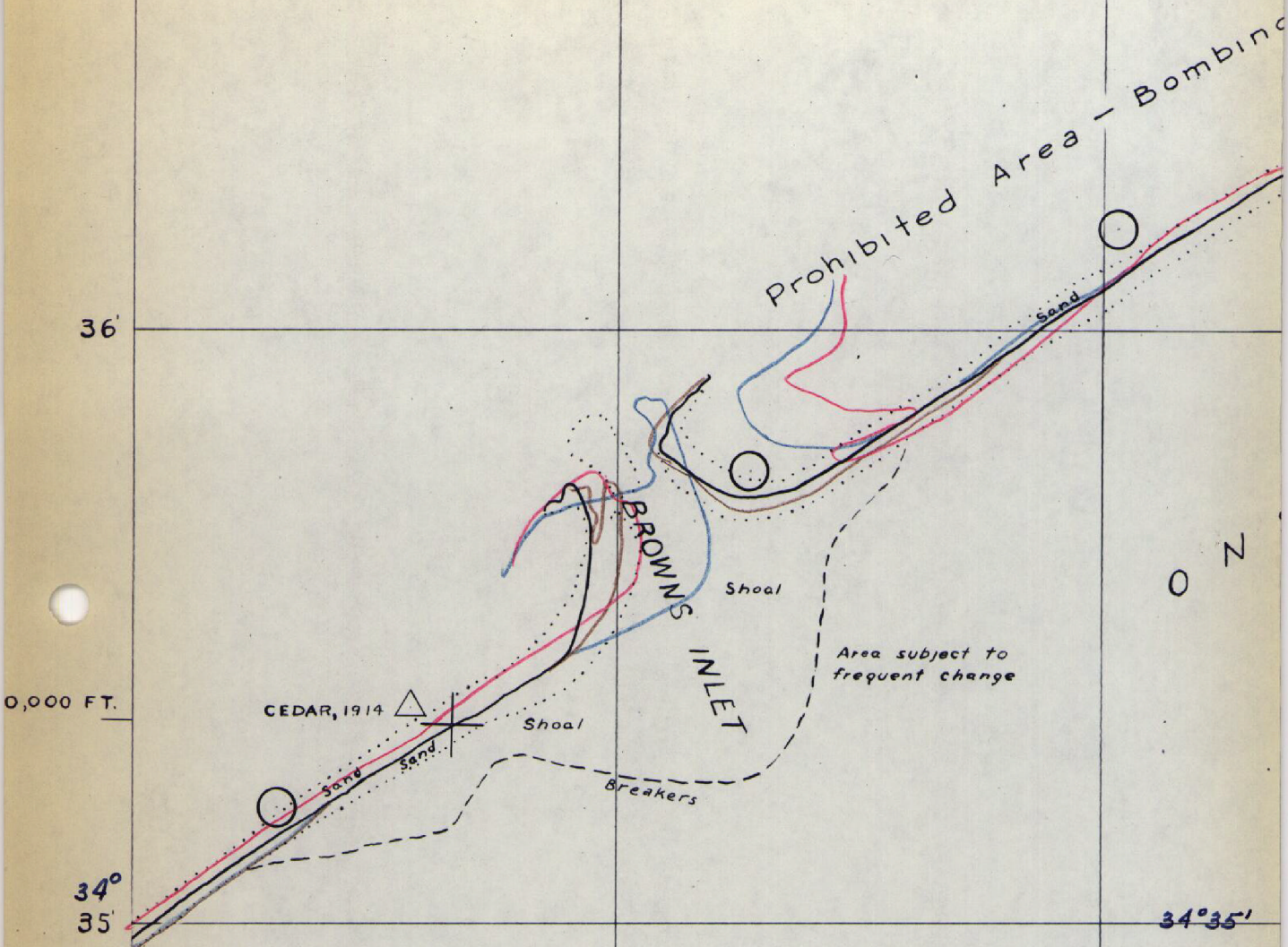
Chief, Coastal Mapping Division

77°15'00"

14'

77°13'

19



0,000 FT.

34°  
35'

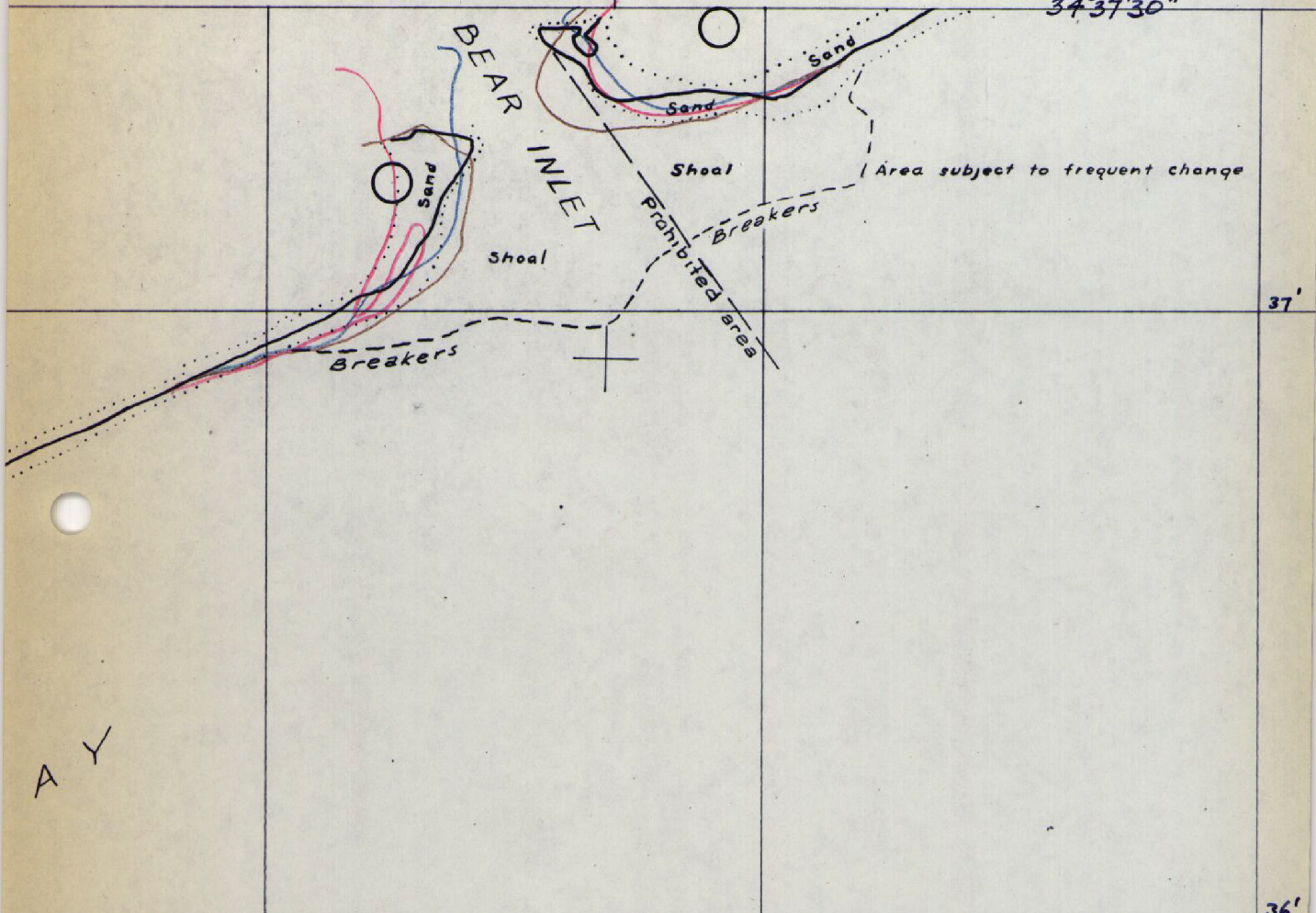
34°35'

COMPARISON PRINT

- Blue = T-9400
- Red = Chart 11541
- Brown = U.S.G.S.

TP-00694  
1:20,000

11' X-2,550,000 FT. 77°10' 34°37'30" 09'



A Y

COMPARISON PRINT

- Blue = T-9400
- Red = Chart 11541
- Brown = U.S.G.S.

TP-00694  
1:20,000

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-08694

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
833 <sup>54/B</sup>	6-20-79	R. Hickey	Full <del>Part Before After Verification Review</del> Inspection Signed Via Drawing No. 17
777	5/78	M. S. Medland	Full <del>Part Before After Verification Review</del> Inspection Signed Via Drawing No. 18
<i>Reapplied</i> 777	6/78	R. Hickey	Full <del>Part Before After Verification Review</del> Inspection Signed Via Drawing No. 19
<del>777</del> 1234	6/78	R. Hickey	Full <del>Part Before After Verification Review</del> Inspection Signed Via Drawing No. 28
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