

TP-00685



TP-00685

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-00685
Classification No.	Edition No. 1
Field Edited Map	
LOCALITY	
State North Carolina	
General Locality Cape Fear to Cape Lookout	
Locality Bogue Inlet	
<hr/> 1973 TO 1975 <hr/>	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. <h3 style="text-align: center;">DESCRIPTIVE REPORT - DATA RECORD</h3>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>00685</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final(F.E.)</u> JOB XRM <u>GM-7219</u>
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, VA		LAST PRECEDING MAP EDITION	
OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Oct. 9, 1974 Compilation Sept. 26, 1974 Aerotriangulation		Sept. 21, 1973	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH-AMERICAN		OTHER (Specify)	
2. VERTICAL: <input 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 1:20,000		STATE	ZONE
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY D. Norman			Sept. 1974
METHOD: Analytic LANDMARKS AND AIDS BY			
2. CONTROL AND BRIDGE POINTS PLOTTED BY Keating			Sept. 1974
METHOD: Coradomat CHECKED BY Keating			Sept. 1974
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY R.R. White			Oct. 1974
COMPILATION CHECKED BY L.O. Neterer			Oct. 1974
INSTRUMENT: Wild B-8 CONTOURS BY NA			
SCALE: 1:30,000 CHECKED BY NA			
4. MANUSCRIPT DELINEATION PLANIMETRY BY C.E. Blood			Oct. 1974
Wild B-8 and Graphic CHECKED BY R. White			Oct. 1974
METHOD: Smooth Drafted CONTOURS BY NA			
SCALE: 1:20,000 CHECKED BY NA			
HYDRO SUPPORT DATA BY NA			
CHECKED BY NA			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY R. White			Oct. 1974
6. APPLICATION OF FIELD EDIT DATA BY A.L. Shands			Feb. 1975
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			
11. MAP REGISTERED - COASTAL SURVEY SECTION BY R.T. CATOR			Aug 1976

NOAA FORM 76-36B (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY			
TP-00685 COMPILATION SOURCES					
1. COMPILATION PHOTOGRAPHY					
CAMERA(S) Wild RC-10 "C"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE HAMPTON ROADS, VA Bogue Inlet, NC		(C) COLOR X (P) PANCHROMATIC (I) INFRARED X		ZONE Eastern	<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES				MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT
<input type="checkbox"/> REFERENCE STATION RECORDS					
<input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY					
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 730(C)(I)4672 - 4674	13 OCT 73	09:26	1:60,000	2.6 ft. above MLW	
** 730(C)(I)4764 - 4766	13 OCT 73	14:32	1:60,000	±0.2 ft. of MLW	
** 730(C)(I)4915 - 4917	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 No Survey	EAST TP-00686	SOUTH No Survey	WEST TP-00684		
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	R. Tibbetts
	ESTABLISHED BY	None
	PRE-MARKED OR IDENTIFIED BY	R. Black
3. VERTICAL CONTROL	RECOVERED BY	NA
	ESTABLISHED BY	NA
	PRE-MARKED OR IDENTIFIED BY	NA
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY	None
	LOCATED (Field Methods) BY	None
	IDENTIFIED BY	None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	NA
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
730(G)(I) 4673	SIMKINS, 1932		

3. PHOTO NUMBERS (Clarification of details)
None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED
None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: REPORT NONE

6. BOUNDARY AND LIMITS: REPORT NONE

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 CSI Card

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	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 (<i>Triangulation Stations</i>) BY	NA	
	LOCATED (<i>Field Methods</i>) BY	R. S. Tibbetts	Oct. 1974
	IDENTIFIED BY	R. E. Kesselring	Jan. 1975
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION		
	<input type="checkbox"/> COMPLETE BY		
	<input type="checkbox"/> SPECIFIC NAMES ONLY		
	<input checked="" type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA	
II. SOURCE DATA			
1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
None		NA	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (<i>Clarification of details</i>)			
None			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
730(I)4764	Tank		
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 Form 76-40 Nonfloating Aids or Landmarks for Charts			
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.	Oct. 1974	Class III Manuscript Superseded	11/27/74	12/2/74
Field edit applied Compilation complete	Feb. 1975	Class I Manuscript Superseded	6/3/75	
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		June 4, 1975	Landmark for Charts

2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: June 4, 1975
 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 ⁷⁶⁻⁴⁰ ~~500~~ 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	MAP CLASS			
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	<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	MAP CLASS			
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	<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	MAP CLASS			
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	<input type="checkbox"/> II.	<input type="checkbox"/> III.	<input type="checkbox"/> IV.	<input type="checkbox"/> V.	<input type="checkbox"/> FINAL

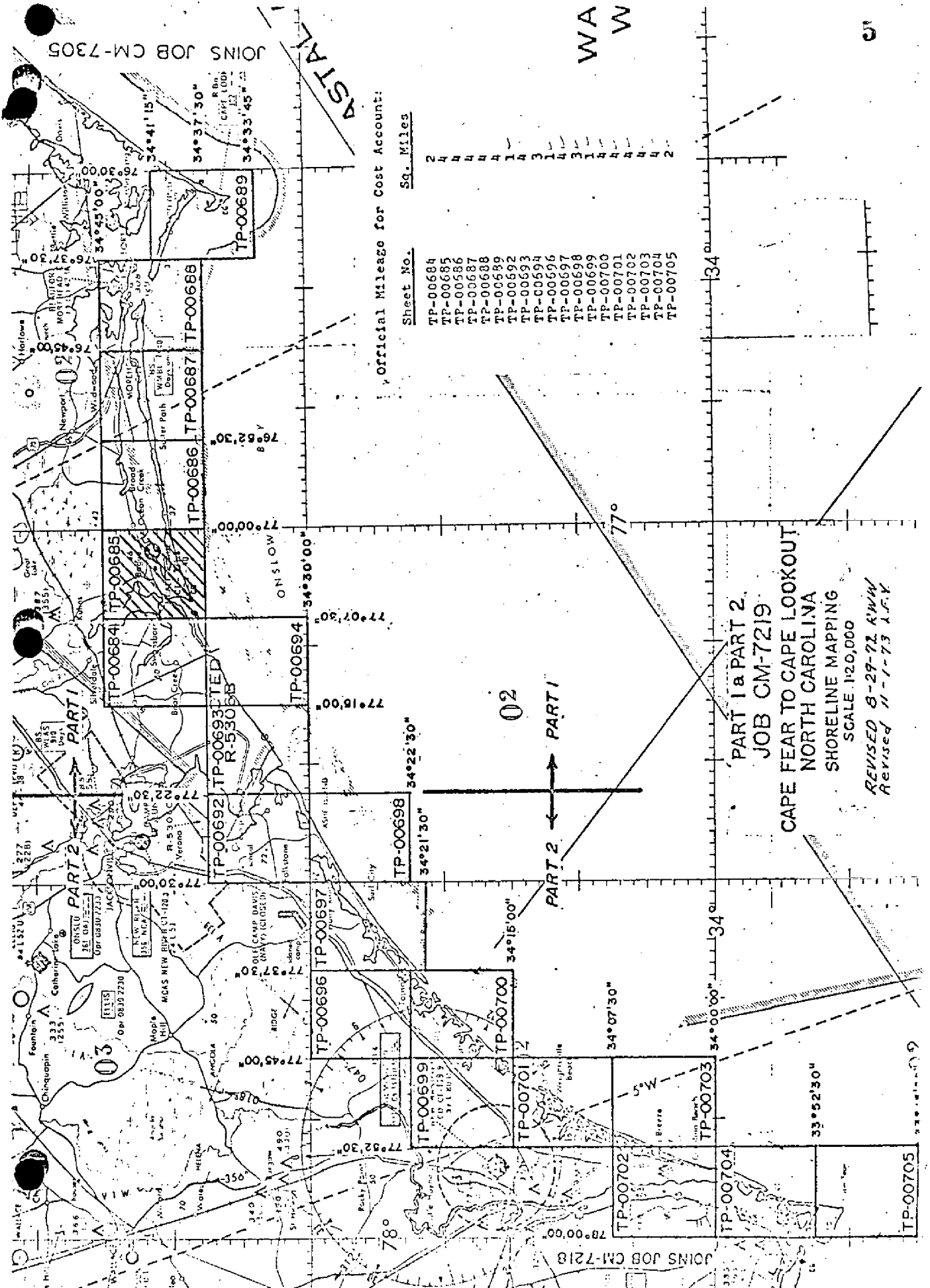
JOINS JOB CM-7305

ASTAL

WA
W

Official Mileage for Cost Account:

Sheet No.	Sq. Miles
TP-00684	2
TP-00685	4
TP-00586	4
TP-00687	4
TP-00688	4
TP-00689	1
TP-00592	4
TP-00693	3
TP-00594	1
TP-00696	4
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



PART 1 & PART 2
 JOB CM-7219
 CAPE FEAR TO CAPE LOOKOUT
 NORTH CAROLINA
 SHORELINE MAPPING
 SCALE 1:20,000
 REVISED 8-29-71 R/W/W
 Revised 11-1-73 J.C.V.

JOINS JOB CM-7218

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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.

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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,

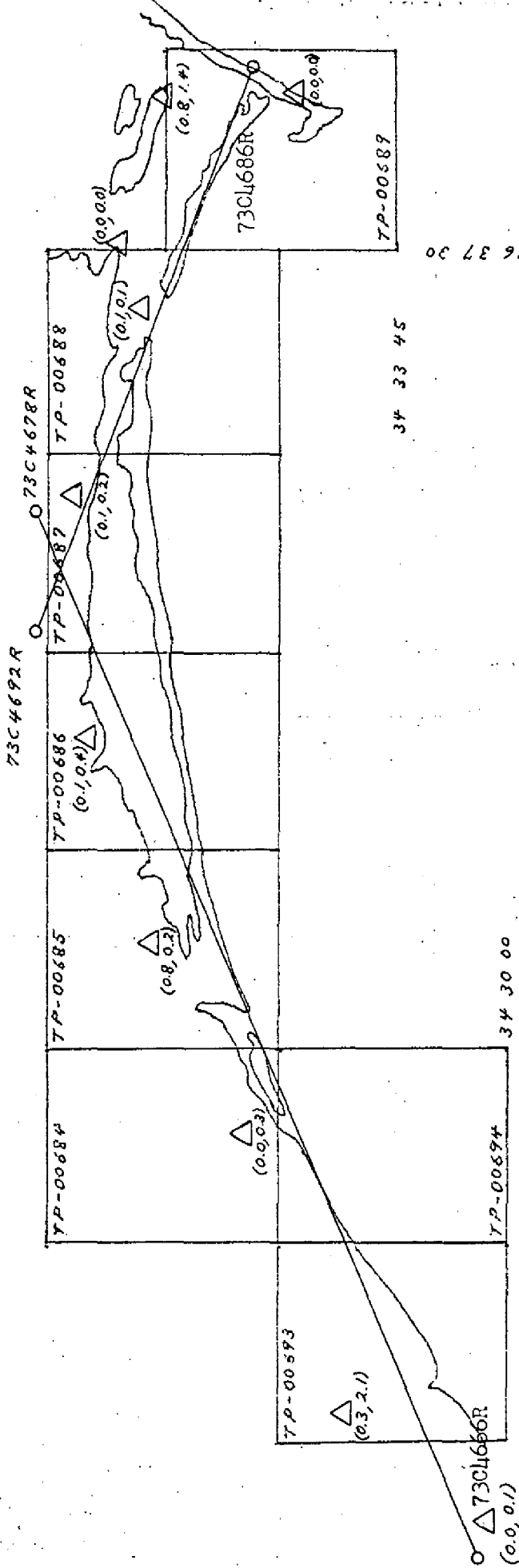
Don O. Norman

Don O. Norman

Approved by:

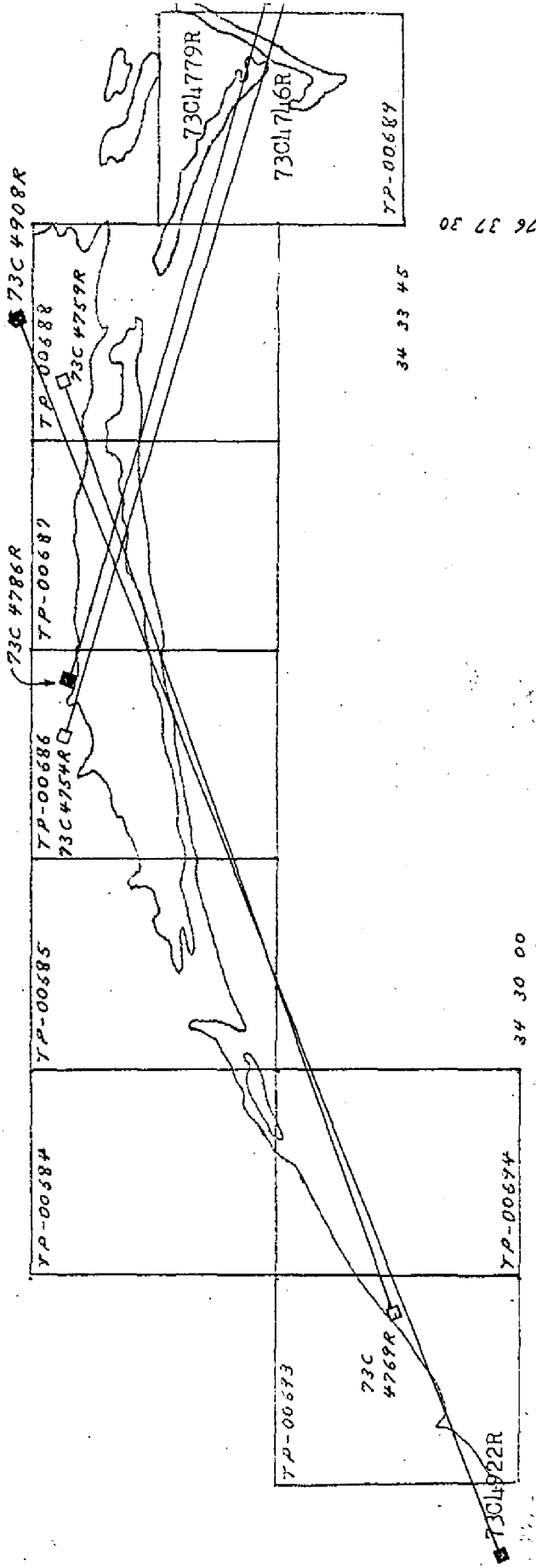
John D. Perrow, Jr.

John D. Perrow, Jr.
Chief, Aerotriangulation Section



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

0 1:60000 Eridging Photos color IR



AEROTRIANGULATION SKETCH
 CAPE LOOKOUT TO CAPE FEAR
 NORTH CAROLINA
 PART 1

JOB CM-7219
 September, 1974

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM		ORIGINATING ACTIVITY		GEOGRAPHIC POSITION		REMARKS	
					N.A. 1927	North Carolina	State	Zone	φ	λ	Latitude	Longitude
TP-00685	CM-7219							Coastal Mapping Section, AMC				
		SIMKINS, 1932	G.P. Vol. 3 Pg. 2916							φ 34 41 51.31917	λ 77 03 25.11047	1581.4 (267.5) 639.1 (887.9)
		DUDLEY, 1914	G.P. Vol. 2 Pg. 492							φ 34 39 11.105	λ 77 07 13.415	342.2 (1506.7) 341.6 (1186.3)
		BOGUE INLET U.S. COAST GUARD TOWER, 1962	G.P. Vol. 3 Pg. 2914							φ 34 38 50.41674	λ 77 05 46.75236	1553.5 (295.3) 1190.6 (337.4)
		GUARD, 1962	G.P. Vol. 3 Pg. 2914							φ 34 38 49.84424	λ 77 05 46.74610	1535.9 (312.9) 1190.5 (337.6)
		RICK, 1962	G.P. Vol. 3 Pg. 2915							φ 34 39 56.92465	λ 77 01 50.11458	1754.1 (94.8) 1276.0 (251.6)
										φ		
										λ		
										φ		
										λ		
										φ		
										λ		
										φ		
										λ		
										φ		
										λ		
COMPUTED BY		A.C. Rauck, Jr.			DATE	10/4/74	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-00685

31. DELINEATION

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

Delineation was by the Wild B-8 stereoplotter, except the MHW line and MLW line were compiled graphically from tide coordinated infrared ratios. 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 line and the mean low water line were delineated graphically from the tide coordinated 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 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: SWANSBORO, N.C., 1:24,000 scale, dated 1952.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey chart: 11249, Cape Lookout to New River, 1:80,000 scale, dated April 1972, and 833-SC, Neuse River to Myrtle Grove Sound, 1:40,000 scale, dated March 1973.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Charles Blood

C. Blood

Carto. Tech.,

Oct. 24, 1974

Approved:

Albert C. Rauck, Jr.

Albert C. Rauck, Jr.

Chief, Coastal Mapping Section, AMC

ADDENDUM TO THE COMPILATION REPORT

TP-00685

The field edit was adequate. However, in answer to the question about whether the building near the center of the manuscript is "of LDMK Value", the field editor said, "no". While this compiler is of the opinion that the building referred to is not of LDMK value requiring it to be listed on a Form 76-40, he does believe that, because of its size and proximity to the shoreline, it is useful as a charting feature. The building was not deleted from the manuscript.

A.L.S.

16 Oct. 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00685

Atlantic Ocean

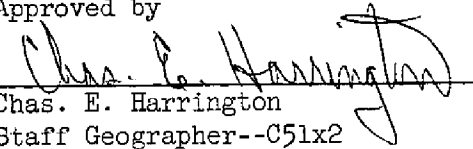
Bear Beach

Bogue Banks

Bogue Inlet

Onslow Bay

Approved by


Chas. E. Harrington
Staff Geographer--C51x2

NOAA FORM 75-74 (7-75)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW TP - 00685			
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. STEREOSCOPIIC 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 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 Frank Margiotta <i>Frank Margiotta</i> 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>Albert C. Rauck, Jr.</i>			
COMPILER A.L. Shands <i>James R. Minton</i> J.R. Minton Feb. 1975 May 1975		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
43. REMARKS Field edit applied from Field Edit Ozalid TP-00685 and field photo 73C(I) 4764.			

FIELD EDIT REPORT
JOB CM 7219
CAPE FEAR TO CAPE LOOKOUT, NORTH CAROLINA
MAP TP-00685

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 changes were noted during field edit. A tank was overlooked during compilation. The tank was located by ground control methods, entered on Form 76-40 and attention drawn to it on the field edit ozalid.

54. Recommendations.

There are no recommendations.

56. Landmarks and Non-Floating Aids for Navigation

There are no Non-Floating Aids, per se, within the compiled limits of this map. One landmark; a tank at latitude $34^{\circ} 40.0'$, longitude $77^{\circ} 03.6'$; was recommended for charting. The building at latitude $34^{\circ} 39.4'$, longitude $77^{\circ} 03.5'$ is not suitable for a landmark; it should be deleted.

57. Rocks, Reefs, and Shoals


There are no rocks or reefs within the limits of this map. The "Shoals" and "Sand" in Bogue inlet are subject to frequent change.

58. Photography

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

orig. to charts
6/2/75

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 567.

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

TO BE CHARTED
 TO BE REVISED
 TO BE DELETED
 REPORTING UNIT (Field Party, Ship or Office)
 Coastal Mapping Div.
 AMC - Norfolk, Va.

The following objects HAVE **HAVE NOT** been inspected from seaward to determine their value as landmarks.
 OPR PROJECT NO. 437
 JOB NUMBER CM-7219
 SURVEY NUMBER TP-00685

LOCALITY North Carolina
 STATE North Carolina
 DATE Feb. 1975

LOCALITY Cape Fear to Cape Lookout
 DATE Feb. 1975

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)

CHARTING NAME TANK
 DESCRIPTION Spherical. Ht. = 128(141)

DATUM N.A. 1927
 POSITION
 LATITUDE 34-40
 LONGITUDE 77-01
 D.M. Meters 00.480
 D.P. Meters 35.664
 14.7
 908.0

METHOD AND DATE OF LOCATION
 OFFICE
 FIELD F-3-6-L
 1974

CHARTS AFFECTED 833SC
 1234

REVIEW REPORT TP-00685

SHORELINE

March 9, 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 Survey T-9397S, scale 1:10,000, dated 1954. There were no roads on Bogue Banks at the time of the prior survey. Significant shoreline differences are shown in blue on the comparison print.

In the area compared, TP-00685 supersedes T-9397S for nautical chart construction purposes. T-9397S is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

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

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. Significant differences are shown in red on the comparison print.

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

Charles H. Bishop
Cartographer
9 March 1976

Approved for forwarding:

Joseph W. Vonasek
Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

J. H. Blankenhorn
for A. K. Heywood
Chief, Photogrammetric Branch

Walter Shinn
Chief, Coastal Mapping Division

20
000034

△
DUDLEY, 1914

39'

BOGUE INLET
U.S. COAST GUARD
TOWER, 1962

△
GUARD,
1962

y = 330,000 FT

Bear Beach
Sand

Bogue Inlet

Area Subject to Frequent Change

COMPARISON PRINT

Blue = T-9397 S
Brown = U.S.G.S.
Red = Chart 11541

A

34° 37' 30"

77° 07' 30"

07'

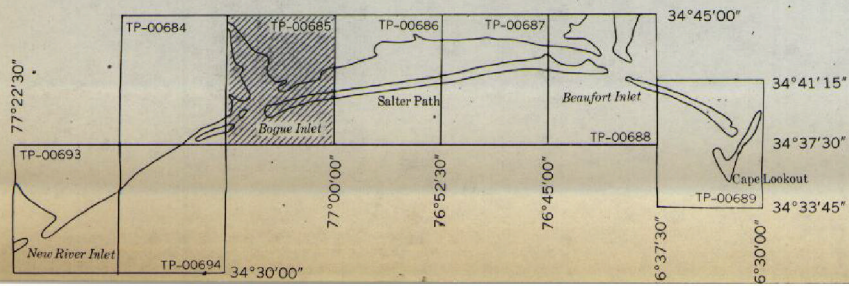
06'

73 c (X) 9766

x = 2,570,000 FT

INDEX TO ADJOINING SHEETS JOB CM-7219

NOTE: Unla
plot points.



JOINS JOB CM- 7305

TP-00685
1:20,000



40'

000033

B O G U E

B A

i

50110

34° 39'

dunes

B a y

COMPARISON PRINT

Blue = T-9397 S
Brown = U.S.G.S.
Red = Chart 11541

NOTE:

"The photogrammetric location and delineation of features offshore from the mean high-water line on this survey may not be complete or final. The contemporary reviewed hydrographic survey of the area where available, should be consulted for the final delineation."

O n s i o w

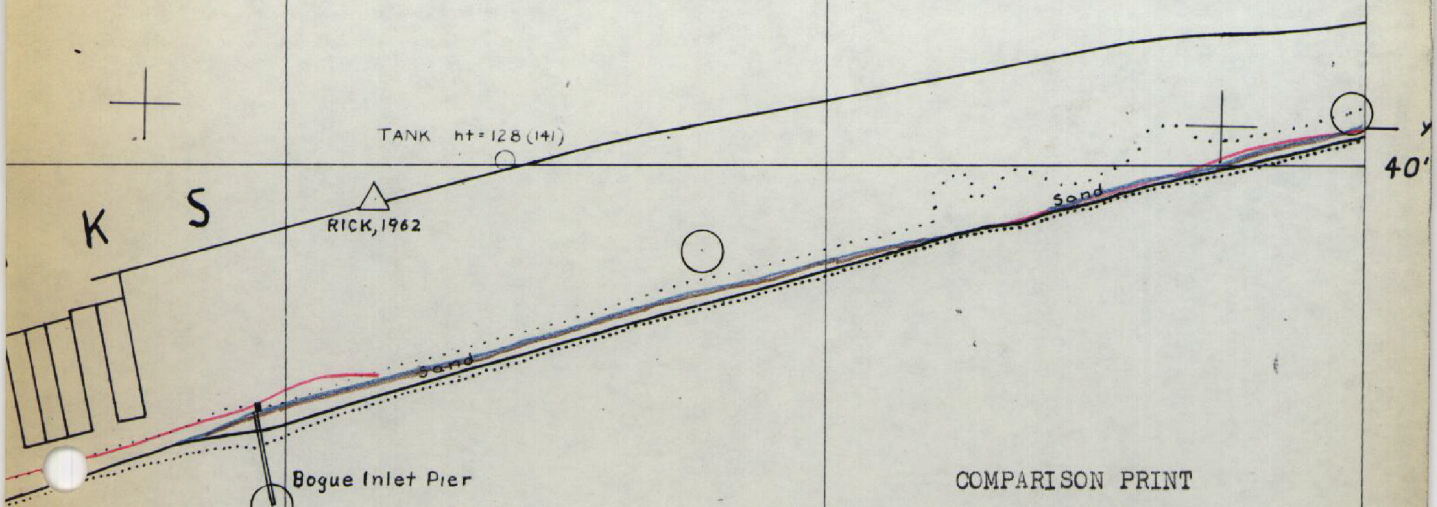


05'

77°04'

03'

TP-00685
1:20,000



COMPARISON PRINT

Blue = T-9397 S
 Brown = U.S.G.S.
 Red = Chart 11541

TP-00685
 1:20,000

73c(C)(1) 4765

34°
 39'

02'

01'

77°00'00"

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-00685

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
8338 (11541)	6-19-79	M. PANAS	Full Part Before After Verification Review Inspection Signed Via Drawing No. 17A & 17B (Adequately Applied)
777 (11542)	5-24-78	Mo MOORE	Full Part Before After Verification Review Inspection Signed Via Drawing No. 18 (Fully Applied)
1234 (11543)	6-19-79	M PANAS	Full Part Before After Verification Review Inspection Signed Via Drawing No. 28 (Adequately Applied)
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
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