ORIGINAL

TP- 00518

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey Special Surveys

Job No. CM-7402 *Map No.* TP-00518

Classification No. Final *Edition No.* 1

Field Edited Map

LOCALITY

State North Carolina

General Locality Beaufort Inlet

Locality Bogue Banks

1973 TO 1974

REGISTRY IN ARCHIVES

DATE

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

TP-00518

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY
- [X] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

SURVEY TP-00518
MAP EDITION NO. (1)
MAP CLASS Final
JOB ~~TP~~-CM7402

PHOTOGRAMMETRIC OFFICE
Coastal Mapping Division(Rockville)

OFFICER-IN-CHARGE
Commander Wesley V. Hull

LAST PRECEEDING MAP EDITION
TYPE OF SURVEY
- [ ] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

JOB PH-
MAP CLASS
SURVEY DATES:
19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE	2. FIELD
General Instructions-OFFICE-5/10/74 General Instructions-OFFICE- Amendment I, 8/10/74	Instructions-Photography-10/23/73 Instructions-FIELD-10/30/73 Instructions-FIELD EDIT-8/21/74

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER [X] MEAN LOW-WATER [ ] MEAN LOWER LOW-WATER [ ] MEAN SEA LEVEL — OTHER (Specify): National Geodetic Vertical Datum of 1929.

3. MAP PROJECTION: Lambert Conformal

4. GRID(S): STATE: North Carolina; ZONE: N.A.

5. SCALE: 1:5,000 — STATE: ; ZONE:

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic, Block Adjustment	BY	D.O.Norman	5/74
	LANDMARKS AND AIDS BY	N.A.	
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat	PLOTTED BY	D.Phillips	5/24/74
	CHECKED BY	N.A.	
3. STEREOSCOPIC INSTRUMENT COMPILATION Contours &	PLANIMETRY BY	J.Taylor & P.Dempsey	8/2/74
	CHECKED BY	G. Fromm	8/2/74
INSTRUMENT: B-8 Photobathymetry	~~COMPILED~~ BY	J. Taylor & P.Dempsey	8/2/74
SCALE: 1:3,000 pantographed to 1:5,000	CHECKED BY	G. Fromm	8/2/74
4. MANUSCRIPT DELINEATION Contours &	PLANIMETRY BY	G. Fromm	8/9/74
	CHECKED BY	E.L.Rolle	8/15/74
METHOD: Photobathymetry	~~COMPILED~~ BY	G. Fromm	8/9/74
	CHECKED BY	E.L.Rolle	8/15/74
Smooth Compilation drafting	SUPPORT DATA BY	N.A.	
SCALE: 1:5,000	CHECKED BY	N.A.	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	E.L.Rolle	8/23/74
6. APPLICATION OF FIELD EDIT DATA	BY	J.L.Hancock	11/4/74
	CHECKED BY	B. Kurs	11/7/74
7. COMPILATION SECTION REVIEW	BY	E.L.Rolle	8/74
8. FINAL REVIEW	BY	E.L.Rolle	5/76
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	E.L.Rolle	5/76
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	R.CATOR	5/76

NOAA FORM 76-36A SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

(2)

NOAA FORM 76-36B
(3-72)

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

TP-00518

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10 & RC-8
3.5" focal length & 6" focal length

TIDE STAGE REFERENCE
- ☐ PREDICTED TIDES
- ☐ REFERENCE STATION RECORDS
- ☒ TIDE CONTROLLED PHOTOGRAPHY

TYPES OF PHOTOGRAPHY LEGEND
- (C) COLOR
- (P) PANCHROMATIC
- (I) INFRARED color

TIME REFERENCE
ZONE: Eastern — ☒ STANDARD ☐ DAYLIGHT
MERIDIAN: 75th

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
73C(C)5681,83,85&87	11/7/73	1129-1134	1:7,500	Refer to the following page for tidal information.
73C(C)5687&5689	11/7/73	1129-1134	1:7,500	
73C(C)6381,83,85,87 89,&91	11/12/73	1328-1336	1:7,500	
73C(C)6381&6383	11/12/73	1328-1336	1:7,500	
73C(C)6385,87,89&91	11/12/73	1328-1336	1:7,500	
73E(I)2194-2199	11/12/73	1304-1310	1:4,300	
73E(I)2310-2312	11/12/73	1328-1336	1:4,300	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the tide-coordinated color photography listed above under item 1.

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

The source of the MLW line is the tide-coordinated color photography and black-and-white ratios of the color infrared photography listed above under item 1.

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-00517	TP-00519&520	No Contemporary Survey	TP-00516

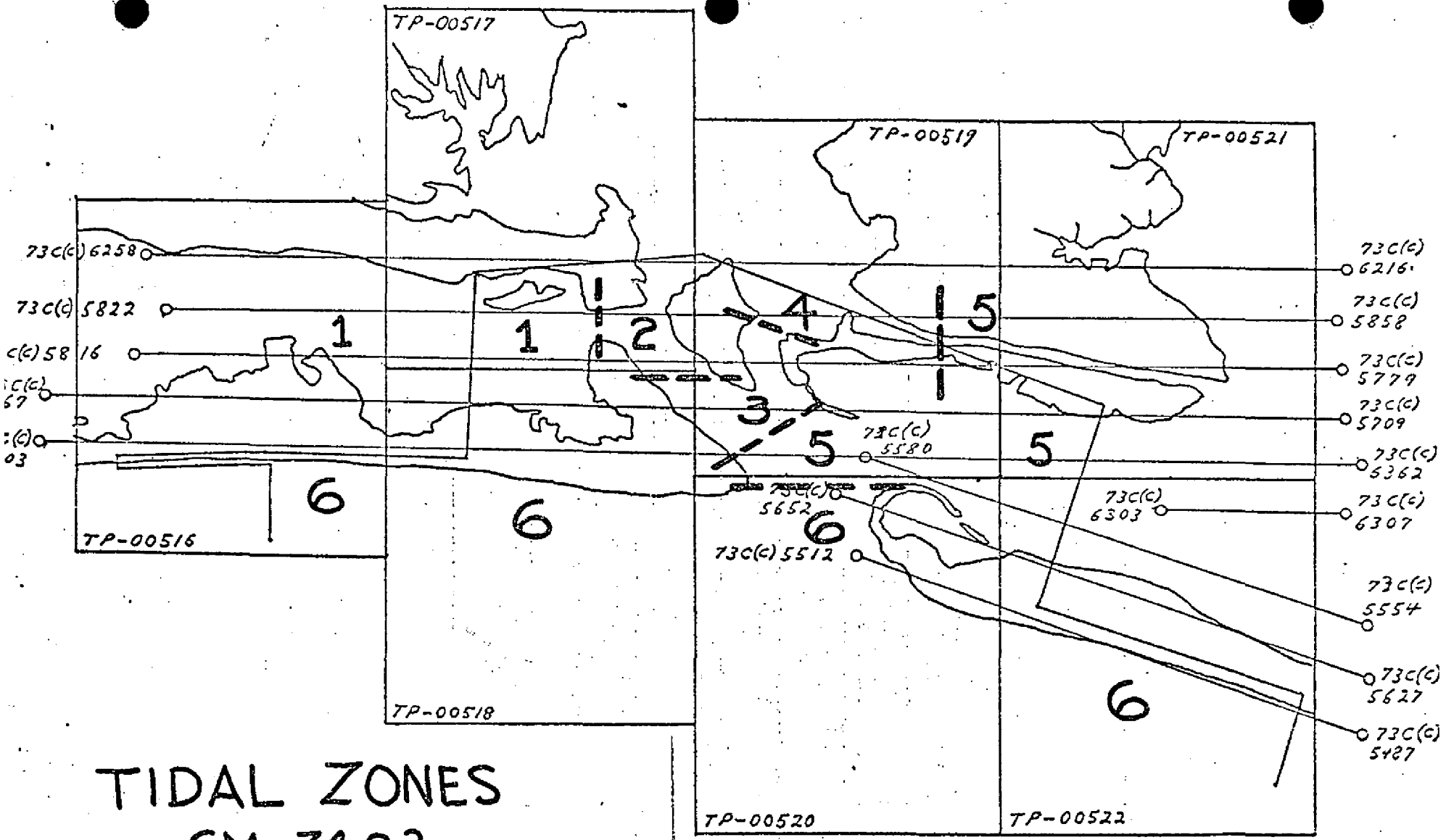
REMARKS As this is a special job, no attempt was made to junction with other NOS jobs in the area.

NOAA FORM 76-36B
(3-72)

TP-00518
TIDE INFORMATION

PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)		STAGE OF TIDE Feet	MEAN RANGE Feet
	TIDE STATION	TIDAL ZONE*		
73C(C)5681-5687	Triple Ess Marina	1	+0.60MLW	2.64
73C(C)5687-5689	Port Terminal	2	+0.85MLW	3.10
73C(C)6381-6391	Atlantic Beach	6	-0.10MLW	3.76
73C(C)6381-6384	Fort MaconC.G.Dock	3	+0.65MLW	3.18
73C(C)6384-6391	Triple Ess Marina	1	+1.10MLW	2.64
73C(C)5689	Fort Macon CGDock	3	+0.85MLW	3.18
73E(I)2194-2199	Atlantic Beach	6	+0.10MLW	3.76
73E(I)2310-2312	Atlantic Beach	6	-0.10MLW	3.76

*Refer to following page for a Tidal Zone diagram.



TIDAL ZONES
CM-7402
Beaufort Inlet, N.C.

TP-00518

(5)

NOAA FORM 76-36C
(3-72)

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

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		R. S. Tibbetts	Oct. 1974 Sept. 1974
2. HORIZONTAL CONTROL	RECOVERED BY		
	ESTABLISHED BY	N.A.	
	PRE-MARKED OR IDENTIFIED BY		
3. VERTICAL CONTROL	RECOVERED BY	G. T. Jamerson	Sept. 1974
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY	N.A.	
	LOCATED *(Field Methods)* BY	N.A.	
	IDENTIFIED BY	N.A.	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☒ SPECIFIC NAMES ONLY ☐ NO INVESTIGATION	L. H. Davis	Oct. 1974
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: TWO

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)* Field Edit

~~7305801~~; 7306389; 7306391; 7306393; ~~7305689~~; 7305687; 7305685; ~~7305681~~; ~~7306381~~; 7305799; ~~7306389~~; 7306385; 7306387

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

N.A.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☐ NONE

6. BOUNDARY AND LIMITS: ☒ REPORT ☐ NONE

7. SUPPLEMENTAL MAPS AND PLANS

N.A.

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

C&GS-152

2 - Form ~~76-53~~, Control Station Identification

NOAA FORM 76-36C
(3-72)

*U.S. GOVERNMENT PRINTING OFFICE: 1974 - 768-078

NOAA FORM 76-36D
(3-72)

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

TP-00518

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit.	Aug.1974	ClassIIIManuscript		Aug. 1974
Field Edit Applied	Nov.1974	Class I Manuscript		Nov. 1974

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

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

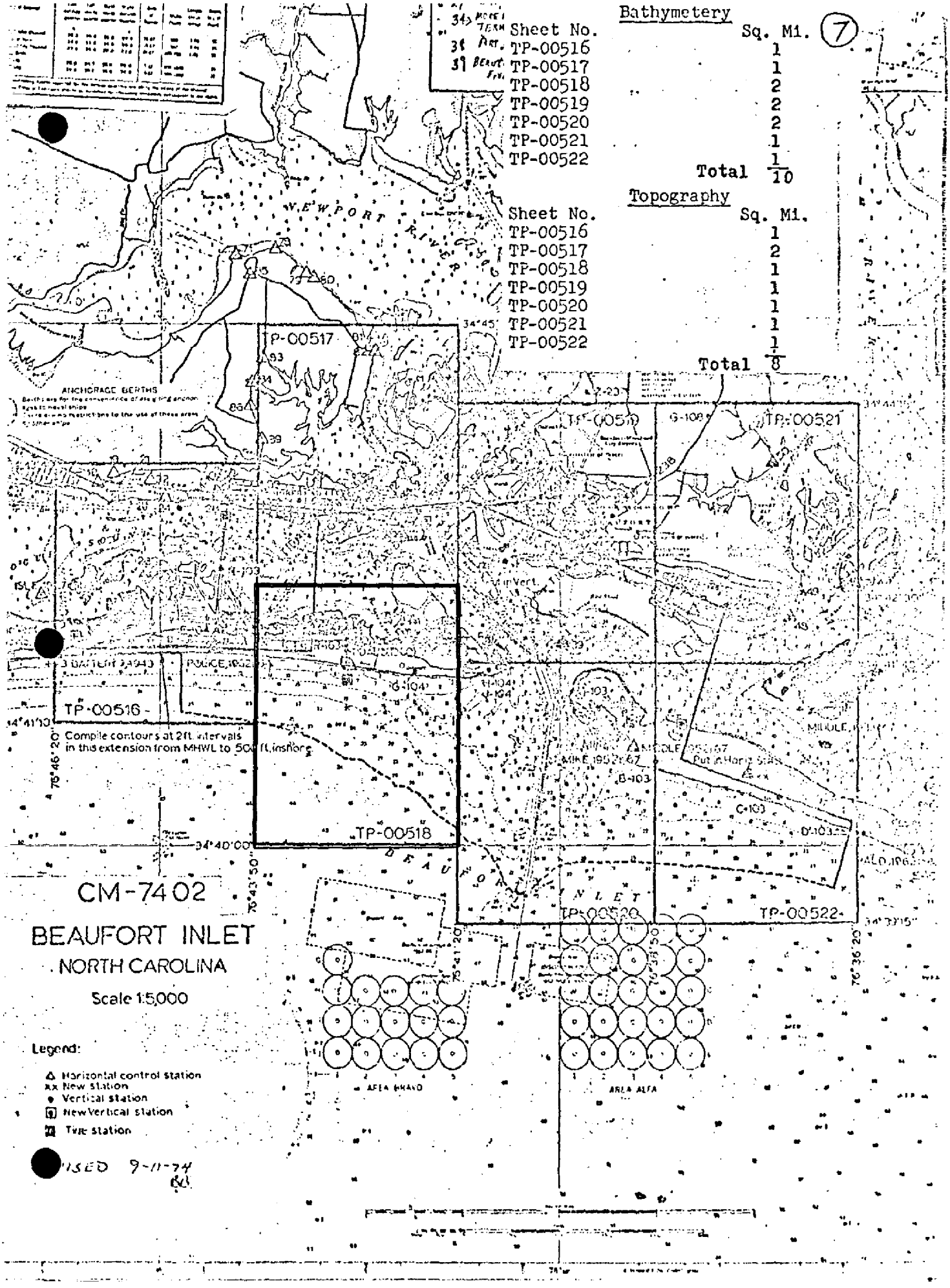
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS *(This section shall be completed each time a new map edition is registered)*

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY / MAP CLASS
SECOND EDITION	TP - _____ (2)	PH - _____	☐ REVISED ☐ RESURVEY ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH- _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

NOAA FORM 76-36D

U. S. GOVERNMENT PRINTING OFFICE: 1973--773-075/1077 REGION NO. 6


Bathymetery
Sheet No. Sq. Mi.
TP-00516 1
TP-00517 1
TP-00518 2
TP-00519 2
TP-00520 2
TP-00521 1
TP-00522 1
Total 10
Topography
Sheet No. Sq. Mi.
TP-00516 1
TP-00517 2
TP-00518 1
TP-00519 1
TP-00520 1
TP-00521 1
TP-00522 1
Total 8
TP-00516
TP-00517
TP-00518
TP-00519
TP-00520
TP-00521
TP-00522
ANCHORAGE BERTHS
Compile contours at 2ft. intervals in this extension from MHWL to 50 ft. inshore
CM-7402
BEAUFORT INLET
NORTH CAROLINA
Scale 1:5,000
Legend:
Horizontal control station
New Station
Vertical station
New Vertical station
Tide station
AREA BRAVO
AREA ALFA

SUMMARY
TP-00516 thru TP-00522

Under a cooperative agreement with the Corps of Engineers, Wilmington District, which became effective August 1973, these seven maps (TP-00516 thru 522) were compiled at 1:5,000 scale in the area of Beaufort Inlet, North Carolina.

The purpose of this special survey is to provide data for the Corps of Engineers on siltration rates in the entrance channel and harbor complex, possible impacts of entrance channel deepening on adjacent beaches, possible changes effected by dredging on the tidal prism and the circulation pattern, to update and establish tidal datums, and to update nautical charts in the area.

Field operations, which began in October 1973, generally consisted of aerial photography, establishment of tidal datums, pre-marking of horizontal and vertical control, and field edit.

Aerotriangulation and compilation tide-coordinated photography was furnished at 1:7,500 scale from natural color film taken with the Wild RC-10 super-wide-angle camera. Supplemental black-and-white infrared tide-coordinated photography at 1:4,300 scale, taken concurrently in an independent mode using color infrared film in the RC-8 camera, was also furnished.

Nine strips of the 1:7,500 scale photography were bridged by analytic aerotriangulation methods and adjusted to ground with the block adjustment program. Fourteen horizontal control stations, fifteen vertical control stations, and fifteen vertical points from the tide-coordinated infrared photography were weighted in the block adjustment. This provided horizontal and vertical control for compilation.

Compilation photography was the 1:7,500 scale photography and the supplemental infrared photography. The Wild B-8, using the 1:7,500 scale photography was used to compile planimetry, topography, and photobathymetry. The topography consists of 2-foot interval contours and spot elevations referred to the National Geodetic Vertical Datum of 1929. The photobathymetry consists of discrete soundings and 2-foot interval depth curves referred to the Mean Low Water Datum established by NOS.

All line work is smooth compilation drafting.

One plastic copy and ten ozalid copies of each map was furnished to:

Department of the Army
Wilmington District, Corps of Engineers
P.O. Box 1890
Wilmington, North Carolina 28401
ATTN: Mr. R.P. Masterson,Jr.

A Chart Maintenance Print for each map was submitted to the Marine Chart Division.

The following items are registered in the Bureau Archives:

1. A plastic copy of each map (1:5,000 scale).
2. A Descriptive Report for each map.

Negatives for each map are filed in the Reproduction Division.

All field data are filed in the National Archives.

FIELD INSPECTION

TP-00518

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal and vertical control necessary for aerotriangulation.

Photogrammetric Plot Report
Beaufort Inlet, North Carolina
CM-7402
May 1974

21. Area Covered.

This report pertains to seven sheets in the vicinity of Beaufort Inlet, North Carolina. The sheets are TP-00516 thru TP-00522.

22. Method.

Nine strips (see sketch) of 1:7,500 scale color photography were bridged by analytic aerotriangulation methods and adjusted to ground with the block adjustment program. Points were established for determining ratios of 1:4,300 scale infrared support photography. Sufficient points were plotted by the Coradomat for setting models for compilation. These points were plotted in the North Carolina State Plane Coordinate System.

23. Adequacy of Control.

The control was adequate. Fourteen horizontal control stations were weighted in the block adjustment. The largest residual in the fit to horizontal control was .4 foot.

Fifteen vertical control targets were weighted. The largest residual in the fit to these targets was one-half foot. In addition to these targeted points, thirty-nine vertical control points were established from the tide-related infrared photography. Fifteen of these points were weighted in the block adjustment. The largest residual in the fit to control of all thirty-nine points was 1.28 feet. This point was in the critical area as were three other points with residuals greater than 1 foot. The average residual of non-weighted vertical points in the critical area was .54 foot.

24. Supplemental Data. - None was used.

25. Photography.

There was a noticeable scale difference on the edge of adjacent photographs. This produced some error in measurement that could not be compensated for.

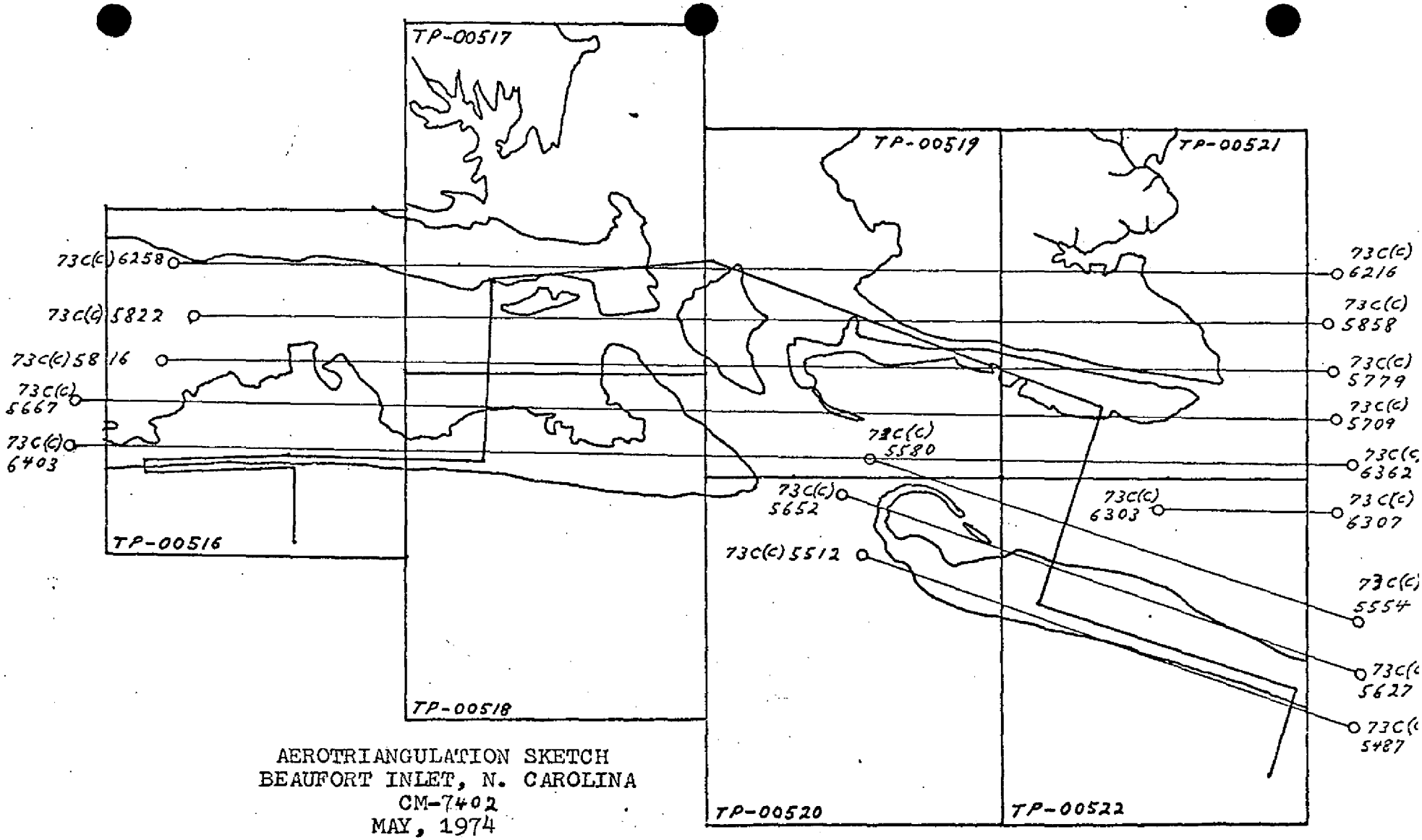
Submitted by,

Don O. Norman

Don O. Norman

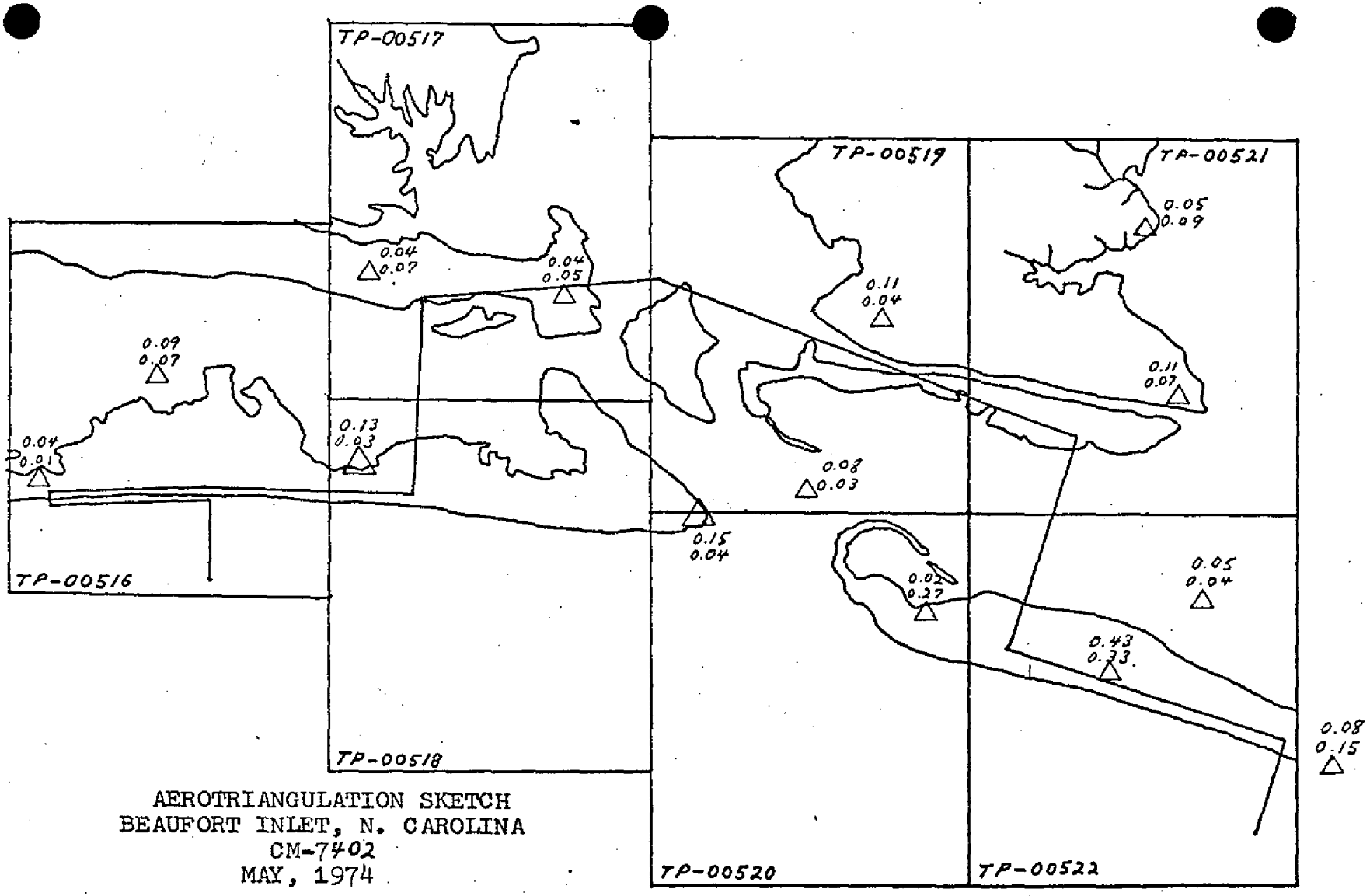
Approved by:

John D. Perrow, Jr.



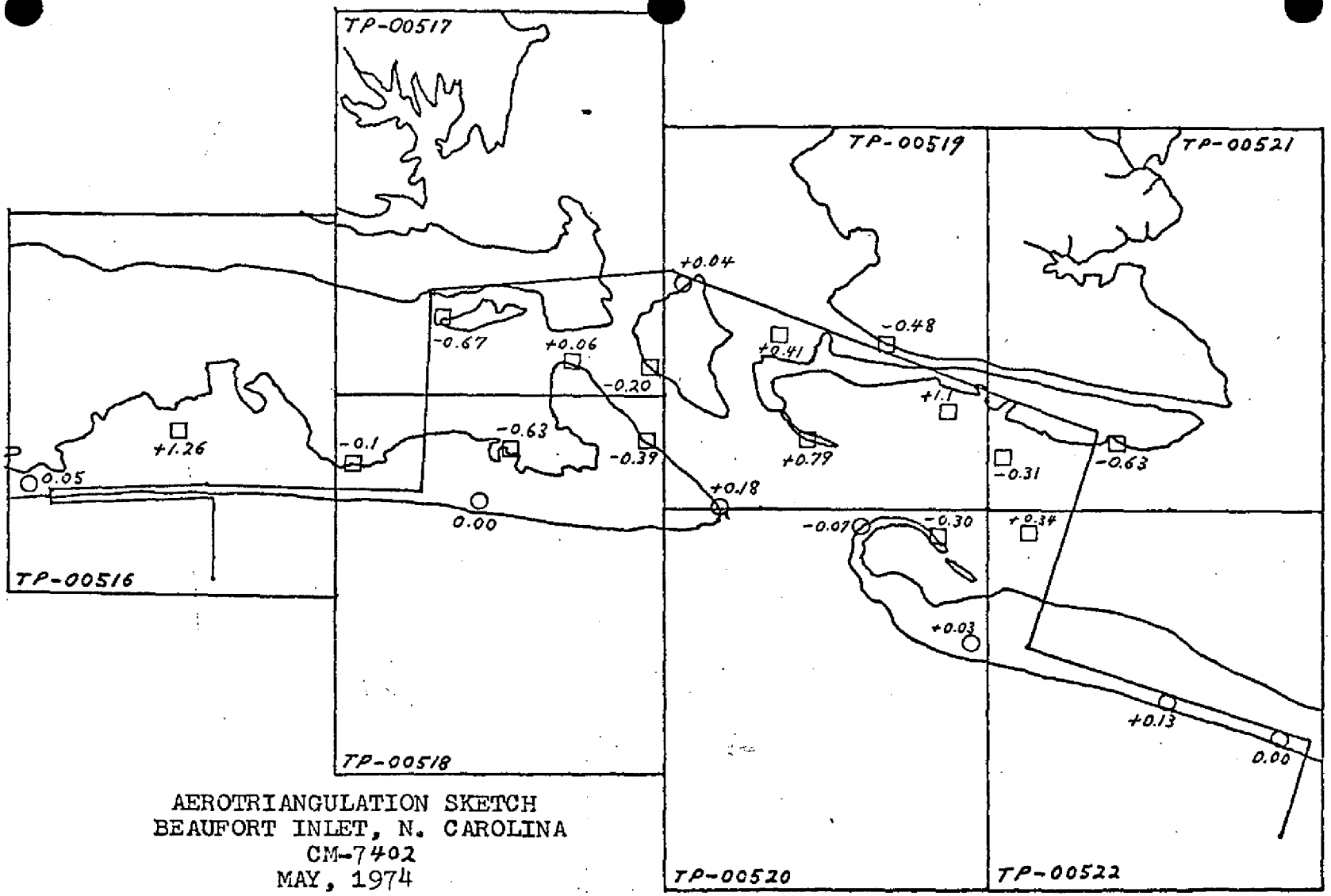
AEROTRIANGULATION SKETCH
BEAUFORT INLET, N. CAROLINA
CM-7402
MAY, 1974

Bridging Photography



AEROTRIANGULATION SKETCH
BEAUFORT INLET, N. CAROLINA
CM-7402
MAY, 1974

△ Horizontal Control



AEROTRIANGULATION SKETCH
BEAUFORT INLET, N. CAROLINA
CM-7402
MAY, 1974

Vertical Control
○ targets, weighted in block
□ points from infrared photography

NOAA FORM 76-41
(2-71)
USCOMM-DC
34168-P71
(FORMERLY FORM C&GS-164)

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP T-TP-00518 PROJECT NO. CM-7402 SCALE OF MAP 1:5,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	X ~~LATITUDE OR Y~~ COORDINATE Y ~~LONGITUDE OR X~~ COORDINATE	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 3048006 meter) FORWARD (BACK)
BAT, 1927	N.C. Vol III Page 2955	N.A., 1927	2,684,994.59 354,393.23	

COMPUTED BY | DATE | CHECKED BY M. McGinley | DATE February 1974

15

31. Delineation

The map was compiled on the Wild B-8 stereoplotter using the 1:7,500 scale color photography. Black-and-white ratio photos, taken concurrently on color infrared film, were used graphically to supplement compilation of the mean low water line.

32. Control

Refer to the Photogrammetric Plot Report bound with this Descriptive Report.

The identification, density, and placement of horizontal and vertical control was adequate.

33. Supplemental Data - None

34. Contours and Drainage

Although inconsistent color tone qualities of the photography impeded contour compilation, it had little or no effect on contour accuracy.

The mean range of tide on the ocean side of Bogue Banks is greater than the mean range of tide within the interior waters. Because of this tidal difference, the 2 foot contour is delineated below the mean high water line on the ocean side and above the mean high water line within the interior waters.

All significant drainage was compiled.

35. Shoreline and Alongshore Details

There was no preliminary field inspection of the shoreline.

The mean high water line and the mean low water line were compiled on the B-8 stereoplotter using contour compilation methods. Control data for this compilation was furnished by field methods and the photogrammetric plot.

Shoal areas were delineated from office interpretation of the photography and referred to the field editor.

36. Offshore Details and Photobathymetry

All discrete underwater depths (soundings), 2 foot interval underwater contours (depth curves) and all other pertinent offshore details were compiled on the B-8 stereoplotter. Areas of questionable compilation accuracy were referred to the field editor and/or the hydrographic party for verification.

Suspended silt limited photobathymetry within a small area of Tar Landing Bay.

37. Landmarks and Aids

All landmarks and nonfloating aids, identifiable on the photography, were delineated and labeled with descriptive names only, i.e., light, beacon, marker, etc.

Forms 76-40 were not prepared. All positions of landmarks and nonfloating aids will be forwarded to the Marine Chart Division with Job CM-7219, which is a part of project SCOPE.

38. Control for Future Surveys - None

39. Junctions

Refer to Form 76-36B, item #5, submitted with this Descriptive Report.

40. Horizontal and Vertical Accuracy

This map complies with National Map Accuracy Standards.

41. thru 45. Inapplicable

46. Comparison with Existing Maps

A comparison has been made with USGS Quadrangle of Beaufort, NC, scale 1:24,000, edition of 1949, photorevised in 1971.

47. Comparison with Nautical Charts

A comparison has been made with the following nautical charts:

Chart 420, scale 1:40,000, 42nd edition, Feb. 16, 1974
Chart 423, scale 1:12,500, 14th edition, Dec. 8, 1973

Items to be Applied to Nautical Charts Immediately - None

Items to be Carried Forward - None

Submitted by,
G. Fromm
G. Fromm

Approved and forwarded:
E. L. Rolle
E.L. Rolle
Quality Control Section

49. NOTES FOR THE HYDROGRAPHER

An ozalid copy of this map was furnished to the hydrographic party and labeled "Discrepancy Print for the Hydrographer". All notes for the Hydrographer were applied to this print.

FIELD EDIT REPORT
JOB CM-7402
BEAUFORT INLET, N.C.
MAP TP-00518

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 serious deviations were noted during field edit. Oysters in the foreshore were overlooked in some areas.

54. Recommendations

There are no recommendations.

55. Examination of Proof Copy

Geographic Names

A geographic names investigation was requested for two specific names, "Goat Island" and "Tombstone Pt.". A local inquiry was made and the names do not apply today.

56. Landmarks and Non-Floating Aids for Navigation

There was no requirement for landmarks or non-floating aids for this project.

57. Rocks, Reefs, and Shoals

There are no rocks or reefs, as defined, within the compiled limits of the map. Shoals near the southwesterly end of the sheet were compiled by photobathymetry. The limits and depths were accepted as compiled. Two shoals that were compiled were shallows.

58. Photography

Photography consisted of 1:5000 color ratio prints and were very good. The photography was not prepared for office use.

59. Disposition of Data

The field edit ozalid, color ratio photography, and all field edit data were forwarded to the Director, Atlantic Marine Center.

Lawrence H. Davis

Lawrence H. Davis
Surveying Technician
Photo Party 62

NOAA FORM 75-74
(2-74)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL OCEAN SURVEY

PHOTOGRAMMETRIC OFFICE REVIEW

TP-00518.

(20)

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
E.R.	E.R.	E.R.	E.R.

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY *(Topographic stations)*	7. PHOTO HYDRO STATIONS
E.R.	N.A.	N.A.

8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
E.R.	N.A.	E.R.	N.A.

ALONGSHORE AREAS *(Nautical Chart Data)*

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
E.R.	E.R.	E.R.	N.A.

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
N.A.	N.A.	E.R.	E.R.

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER	22. PLANETABLE CONTOURS
E.R.	E.R.	N.A.

23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
E.R.	E.R.	E.R.	E.R.

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
E.R.	E.R.	N.A.	E.R.

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
N.A.	N.A.

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS	35. LEGIBILITY OF THE MANUSCRIPT
E.R.	E.R.	E.R.

36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
E.R.	E.R.	N.A.	E.R.

40. REVIEWER	SUPERVISOR, REVIEW SECTION OR UNIT
Edward L. Rolle	S.G. Blankenbaker

41. REMARKS *(See attached sheet)*

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

COMPILER	SUPERVISOR
J.L. Hancock	Joseph W. Yonasek

43. REMARKS

NOAA FORM 75-74 SUPERSEDES PREVIOUS FORM WHICH MAY BE USED UNTIL EXISTING STOCK IS EXHAUSTED

Review Report
Photogrammetric Bathymetry
and Topographic Map TP-00518
May 1976

61. General Statement

The map was reviewed in its Class I (field edit applied) stage by the Quality Control Group. The Descriptive Report contains all of the pertinent information which may be required by users of this map.

62. Comparison with Registered Topographic Surveys - None

63. Comparison with Maps of Other Agencies

Refer to Compilation Report, Item #46.

64. Comparison with Contemporary Hydrographic Surveys

Photobathymetry is a component part of the map. A copy of the map was furnished the hydrographic party to provide support for a standard hydrographic survey. The hydrographic survey was accomplished in all areas not covered by photobathymetry. Sounding lines were run to evaluate the photobathymetry and to resolve questions noted by the compilation office.

The Officer-in-Charge, Atlantic Hydrographic Party, had the final authority and responsibility for resolving discrepancies, if any, between hydrographic and photogrammetric data. All accepted photobathymetry was transferred to the smooth sheets and identified as such by the hydrographer.

A comment is carried on the map as follows: Depths on this map may not be final. Refer to contemporary hydrographic surveys of the area for combined photobathymetry and hydrography.

65. Comparison with Nautical Charts

Refer to Compilation Report, Item #47.

66. Adequacy of Results and Future Surveys

This map meets the National Standards of Map Accuracy and complies with Compilation Instructions and Bureau requirements.

Submitted by,

E. L. Rolle

Approved and forwarded:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

(22)

3 June 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7402 (Beaufort Inlet, N. C.)

TP-00518

Bogue Banks

Bogue Sound

Fishing Creek

Fort Macon State Park

Goat Island

Money Island

Money Island Bay

Money Island Beach

Money Island Slough

Onslow Bay

Tar Landing Bay

Tombstone Point

Approved

C. E. Harrington

C. E. Harrington
Staff Geographer-C51x2

(23)

TP-00518
National Archives Data

1 Discrepancy Print for the Field Editor

2 Form C&GS-152

Photography:

73C(C)5685 and 5687
73C(C)6385, 6387, 6389, 6391 and 6393