NOAA FORM 76-35
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Special Surveys</th>
</tr>
</thead>
<tbody>
<tr>
<td>Job No.</td>
<td>CM-7402</td>
</tr>
<tr>
<td>Map No.</td>
<td>TP-00522</td>
</tr>
<tr>
<td>Classification No.</td>
<td>Final Edition No.</td>
</tr>
<tr>
<td>Field Edited Map</td>
<td></td>
</tr>
</tbody>
</table>

LOCALITY

<table>
<thead>
<tr>
<th>State</th>
<th>North Carolina</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Locality</td>
<td>Beaufort Inlet</td>
</tr>
<tr>
<td>Locality</td>
<td>Shackleford Banks</td>
</tr>
</tbody>
</table>

1973 TO 1974

REGISTRY IN ARCHIVES

DATE

☆ U.S. GOVERNMENT PRINTING OFFICE: 1974-762-961
DESCRIPTIVE REPORT - DATA RECORD

PHOTOGRAMMETRIC OFFICE
Coastal Mapping Division (Norfolk)

OFFICER-IN-CHARGE
Jeffrey G. Carlen, CDR - NOAA

I. INSTRUCTIONS DATED
1. OFFICE
   General Instructions - Office - 5/10/74
   Ammendment No. 1 8/10/74

2. FIELD
   Photography (Special Bathymetry and Topo.) 10/23/73
   Field (Special Surveys) 10/30/73
   Field Edit 8/21/74

II. DATUMS
1. HORIZONTAL: 1927 NORTH AMERICAN
2. VERTICAL:
   MEAN HIGH-WATER
   MEAN LOW-WATER
   MEAN LOWER LOW-WATER
   MEAN SEA LEVEL
3. MAP PROJECTION
   Lambert Conformal
4. GRID(S)
   STATE N.C.
   ZONE N.A.

III. HISTORY OF OFFICE OPERATIONS
1. AEROTRIANGULATION Analytic, Block Adj.
   METHOD: Landmarks and Aids BY
   D.O. Norman N.A.
   PLOTTED BY
   CHECKED BY
2. CONTROL AND BRIDGE POINTS
   METHOD: Calcomp
   PLOTTED BY
   CHECKED BY
   D.O. Norman N.A.
3. STEREOSCOPIC INSTRUMENT Contours & Photobathymetry
   METHOD: B-8 Photobathymetry
   INSTRUMENT: Planimetry BY
   SCALE: 1:5,000 Pantographed
   Photobathymetry BY
   CHECKED BY
   G.R. Vanderhaven 7/74
   Shands, Hancock, Byrd 7/74
   J. Hancock 7/74
   B. Kurs 8/74
   B. Kurs 8/74
4. MANUSCRIPT DILEINATEION
   METHOD: Smooth Compilation
   Drafting
   HYDRO SUPPORT DATA
   SCALe: 1:5,000
   CHECKED BY
   N.A.
   N.A.
5. OFFICE INSPECTION PRIOR TO FIELD EDIT
   BY B. Kurs
   8/74
6. APPLICATION OF FIELD EDIT DATA
   CHECKED BY
   B. Kurs 11/74
7. COMPILATION SECTION REVIEW
   BY B. Kurs 11/74
8. FINAL REVIEW
   BY
9. DATA FORWARD TO PHOTOGRAMMETRIC BRANCH
   BY
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH
    BY
11. MAP REGISTERED - COASTAL SURVEY SECTION
    BY

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

#### 1. Compilation Photography

**Camera(s):** Wild RC-10, RC-8

<table>
<thead>
<tr>
<th>Number and Type</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>73C(C)5501, 5503, 5505, 5507</td>
<td>11/7/73</td>
<td>10:28-10:34</td>
<td>1:7500</td>
<td>+0.90 MLW (ATLANTIC BEACH)</td>
</tr>
<tr>
<td>73C(C)5574-5575</td>
<td>11/7/73</td>
<td>10:54-10:59</td>
<td>1:7500</td>
<td>+0.81 MLW (BEAUFORT INLET, CHANNEL RANGE Lt)</td>
</tr>
<tr>
<td>73C(C)5633, 5635, 5637, 5639, 5641, 5643, 5645, 5647</td>
<td>11/7/73</td>
<td>11:17-11:21</td>
<td>1:7500</td>
<td>+0.91 MLW &quot; &quot;</td>
</tr>
<tr>
<td>73E(I)1274R-1283R</td>
<td>11/7/73</td>
<td>10:30-10:34</td>
<td>1:4300</td>
<td>+0.50 MLW (ATLANTIC BEACH)</td>
</tr>
</tbody>
</table>

**Remarks:** Infrared photography reduced to 1:5,000

#### 2. Source of Mean High-Water Line:

The elevation of the MHW line above NGVD in each tide zone was used to delineate it using the color photography listed above. 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 elevation of the MLW line below NGVD in each tide zone was used in the B-8 to delineate it from the color photography listed above, supplemented by use of the BS&W infrared ratios along the ocean. On the estuarine shore, the low water line was determined using color photography, in the Wild B-8, and the tide data for tidal zone V.

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.)

<table>
<thead>
<tr>
<th>Survey Number</th>
<th>Date(s)</th>
<th>Survey Copy Used</th>
<th>Survey Number</th>
<th>Date(s)</th>
<th>Survey Copy Used</th>
</tr>
</thead>
</table>

#### 5. Final Junctions

**North:** TP-00521  
**East:** None  
**South:** None  
**West:** TP-00520

**Remarks:** As this is a special job, no attempt was made to junction with other NOS jobs in the area.
<table>
<thead>
<tr>
<th>PHOTOGRAPHY</th>
<th>TIDE STATIONS (In operation at time of photography)</th>
<th>STAGE OF TIDE Feet</th>
<th>MEAN RANGE Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>73C(C)5501-5507</td>
<td>Atlantic Beach 6 +0.50MLW</td>
<td>3.76</td>
<td></td>
</tr>
<tr>
<td>73C(C)5574-5575</td>
<td>Beaufort Inlet Channel Range 5 +0.81MLW</td>
<td>3.26</td>
<td></td>
</tr>
<tr>
<td>73C(C)5633-5647</td>
<td>Beaufort Inlet Channel Range 5 +0.91MLW</td>
<td>3.26</td>
<td></td>
</tr>
<tr>
<td>73E(I)1274R-1283R</td>
<td>Atlantic Beach 6 +0.50MLW</td>
<td>3.76</td>
<td></td>
</tr>
</tbody>
</table>

*Refer to the following page for a Tidal Zone Diagram.*
TIDAL ZONES
CM-7402
Beaufort Inlet, N.C.
### HISTORY OF FIELD OPERATIONS

#### OPERATION

<table>
<thead>
<tr>
<th>OPERATION</th>
<th>NAME</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. CHIEF OF FIELD PARTY</td>
<td>R. S. Tibbetts</td>
<td>Oct. 73</td>
</tr>
<tr>
<td>2. HORIZONTAL CONTROL</td>
<td>R. D. Black.</td>
<td>Oct., 74</td>
</tr>
<tr>
<td>3. VERTICAL CONTROL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. LANDMARKS AND AIDS TO NAVIGATION</td>
<td>N.A.</td>
<td>Sept. 74</td>
</tr>
<tr>
<td>5. GEOGRAPHIC NAMES</td>
<td>R. E. Kesselring</td>
<td>Sept. 74</td>
</tr>
<tr>
<td>6. PHOTO INSPECTION</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>7. BOUNDARIES AND LIMITS</td>
<td>N.A.</td>
<td></td>
</tr>
</tbody>
</table>

#### SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED **Pre-mark.**
   - 2-Middle 1933; New Station 1973

2. VERTICAL CONTROL IDENTIFIED **Pre-mark**
   - 3

3. PHOTO NUMBERS (Clarification of details) **Field Edit**
   - 730(C) 5645; 730(C) 5647

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED
   - N.A.

#### SUPPLEMENTAL MAPS AND PLANS

None

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

None
# RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

<table>
<thead>
<tr>
<th>Compilation Stages</th>
<th>Date</th>
<th>Remarks</th>
<th>Date Manuscript Forwarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compilation Complete</td>
<td></td>
<td>Class III</td>
<td>Aug. 1974</td>
</tr>
<tr>
<td>Pending Field Edit</td>
<td>Aug. 1974</td>
<td>Manuscript</td>
<td></td>
</tr>
</tbody>
</table>

## II. LANDMARKS AND AIDS TO NAVIGATION

### 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

<table>
<thead>
<tr>
<th>Number</th>
<th>Chart Letter Number Assigned</th>
<th>Date Forwarded</th>
<th>Remarks</th>
</tr>
</thead>
</table>

### 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)

<table>
<thead>
<tr>
<th>Second Edition</th>
<th>Survey Number</th>
<th>Job Number</th>
<th>Type of Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TP:</td>
<td>PH:</td>
<td>Revised</td>
</tr>
<tr>
<td></td>
<td>Date of Photography</td>
<td>Date of Field Edit</td>
<td>II.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Third Edition</th>
<th>Survey Number</th>
<th>Job Number</th>
<th>Type of Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TP:</td>
<td>PH:</td>
<td>Revised</td>
</tr>
<tr>
<td></td>
<td>Date of Photography</td>
<td>Date of Field Edit</td>
<td>II.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fourth Edition</th>
<th>Survey Number</th>
<th>Job Number</th>
<th>Type of Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TP:</td>
<td>PH:</td>
<td>Revised</td>
</tr>
<tr>
<td></td>
<td>Date of Photography</td>
<td>Date of Field Edit</td>
<td>II.</td>
</tr>
</tbody>
</table>
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-00522

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

Approved by:
John D. Perrow, Jr.
AEROTRIANGULATION SKETCH
BEAUFORT INLET, N. CAROLINA
CM-7402
MAY, 1974

Vertical Control
○ targets, weighted in block
□ points from infrared photography
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>X LATITUDE OR Y COORDINATE</th>
<th>Y LONGITUDE OR X COORDINATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIDDLE, 1933</td>
<td>N.C. Vol III, Page 2966</td>
<td>N.A. 1927</td>
<td>2,717,500.53</td>
<td>350,060.28</td>
</tr>
<tr>
<td>NEW STATION, 1973</td>
<td></td>
<td>N.A. 1927</td>
<td>2,713,766.31</td>
<td>346,145.70</td>
</tr>
</tbody>
</table>

COMPUTED BY

DATE

CHECKED BY M. McGimley

DATE February 2, 1974
31. Delineation

The map was compiled on the Wild B-8 stereoplottcr 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.

In areas where the mean range of tide is greater than the contour interval, the 2 foot contour is delineated below the mean high water line. In areas where the 2 foot contour line and the mean high water line are nearly coincident, both lines are combined and delineated with the mean high water line symbol.

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 stereoplottcr 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 stereoplottcr. Areas of questionable compilation accuracy were referred to the field editor and/or the hydrographic party for verification.

Photobathymetry was limited on the ocean side of Shackleford Banks by the surf.
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 7219, which is a part of project SCOPE.

38. **Control for Future Surveys** - None

39. **Junctions**

Refer to Form 76-368, 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 the following 1:24,000 scale USGS quadrangles:

- Beaufort, NC, edition of 1949, photorevised 1971
- Harkers Island, NC, edition of 1951, photorevised 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
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.
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 or significant deviations were noted during field edit. An extensive marsh area was overlooked as were some "oysters in the foreshore". The "shore end" of a submerged cable, at latitude 31° 41.2', longitude 76° 38.6', was identified by the power pole near the beach where the line becomes elevated. The submerged cable has obviously become abandoned as the wires between the power poles are no longer extant.

No tidal bench marks were recovered near latitude 31° 41.2', longitude 76° 38.5'. A thorough search of the area and a check with the Chief Photo Field Branch, AMC, failed to disclose evidence of any tidal bench marks in this area.

Bench marks B-103, C-103 and D-103 were also searched for but not recovered. Vertical control panels in the vicinity of these bench marks were titled "panel B-103", etc. but the elevations were leveled from station Mike 1952.

54. Recommendations

There are no recommendations.

55. Examination of Proof Copy

Geographic Names

A geographic names investigation was requested for one specific name "Mullet Pond". Mullet Pond is now a large marsh filled with cattails and reeds. The only open water left was correctly compiled, but the name applies to the entire marsh area. The limits of the marsh were outlined on the color photographs and indicated, with the appropriate cross-reference, on the field edit ozalid. Mr. James Willis of NMFS at Pivers Island, Beaufort, N.C. was the authority consulted for this name.

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. Two shoals, near the northwesterly corner of the sheet were compiled by photobathytemy. The limits and depths were accepted as compiled.

58. Photography

Photography consisted of 1:5000 color ratio prints and was 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.

Richard E. Kesselring
Surveying Technician
Photo Party 62
<table>
<thead>
<tr>
<th>1. PROJECTION AND GRIDS</th>
<th>2. TITLE</th>
<th>3. MANUSCRIPT NUMBERS</th>
<th>4. MANUSCRIPT SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK</td>
<td>BK</td>
<td>BK</td>
<td>BK</td>
</tr>
</tbody>
</table>

**CONTROL STATIONS**

<table>
<thead>
<tr>
<th>5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY</th>
<th>6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations)</th>
<th>7. PHOTO HYDRO STATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

**BENCH MARKS**

<table>
<thead>
<tr>
<th>8. BENCH MARKS</th>
<th>9. PLOTTING OF SEXTANT FIXES</th>
<th>10. PHOTOGRAMMETRIC PLOT REPORT</th>
<th>11. DETAIL POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

**ALONGSHORE AREAS (Nautical Chart Date)**

<table>
<thead>
<tr>
<th>12. SHORELINE</th>
<th>13. LOW-WATER LINE</th>
<th>14. ROCKS, SHOALS, ETC.</th>
<th>15. BRIDGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK</td>
<td>BK</td>
<td>BK</td>
<td>NA</td>
</tr>
</tbody>
</table>

**AIDS TO NAVIGATION**

<table>
<thead>
<tr>
<th>16. AIDS TO NAVIGATION</th>
<th>17. LANDMARKS</th>
<th>18. OTHER ALONGSHORE PHYSICAL FEATURES</th>
<th>19. OTHER ALONGSHORE CULTURAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>BK</td>
<td>BK</td>
</tr>
</tbody>
</table>

**PHYSICAL FEATURES**

<table>
<thead>
<tr>
<th>20. WATER FEATURES</th>
<th>21. NATURAL GROUND COVER</th>
<th>22. PLANETABLE CONTOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK</td>
<td>BK</td>
<td>BK</td>
</tr>
</tbody>
</table>

**STEREOSCOPIC INSTRUMENT CONTOURS**

<table>
<thead>
<tr>
<th>23. STEREOSCOPIC INSTRUMENT CONTOURS</th>
<th>24. CONTOURS IN GENERAL</th>
<th>25. SPOT ELEVATIONS</th>
<th>26. OTHER PHYSICAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK</td>
<td>BK</td>
<td>BK</td>
<td>BK</td>
</tr>
</tbody>
</table>

**CULTURAL FEATURES**

<table>
<thead>
<tr>
<th>27. ROADS</th>
<th>28. BUILDINGS</th>
<th>29. RAILROADS</th>
<th>30. OTHER CULTURAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK</td>
<td>BK</td>
<td>BK</td>
<td>NA</td>
</tr>
</tbody>
</table>

**BOUNDARIES**

<table>
<thead>
<tr>
<th>31. BOUNDARY LINES</th>
<th>32. PUBLIC LAND LINES</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

**MISCELLANEOUS**

<table>
<thead>
<tr>
<th>33. GEOGRAPHIC NAMES</th>
<th>34. JUNCTIONS</th>
<th>35. LEGIBILITY OF THE MANUSCRIPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK</td>
<td>BK</td>
<td>BK</td>
</tr>
</tbody>
</table>

**DISCREPANCY OVERLAY**

<table>
<thead>
<tr>
<th>36. DISCREPANCY OVERLAY</th>
<th>37. DESCRIPTIVE REPORT</th>
<th>38. FIELD INSPECTION PHOTOGRAPHS</th>
<th>39. FORMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK</td>
<td>BK</td>
<td>NA</td>
<td>BK</td>
</tr>
</tbody>
</table>

**REVIEWER**

[Signature]

**SUPERVISOR, REVIEW SECTION OR UNIT**

[Signature]

**REMARKS**

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**

[Signature]

**SUPERVISOR**

[Signature]
61. General Statement

The map was reviewed in its Class 1 (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
GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00522

Back Sound
Big Shoal Marsh
Middle Marshes
Mullet Pond
Onslow Bay
Shackleford Banks
Shackleford Slough

Approved

C. E. Harrington
Staff Geographer-C5lx2
Discrepancy Print for the Field Editor

Photography:

73C(C)5645 and 5647