**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>JM-7492</td>
</tr>
<tr>
<td>Map No.</td>
<td>TP-00521</td>
</tr>
<tr>
<td>Classification No.</td>
<td>Final</td>
</tr>
<tr>
<td>Edition No.</td>
<td>1</td>
</tr>
</tbody>
</table>

**Field Edited Map**

**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>Carrot Island</td>
</tr>
</tbody>
</table>

**1973 TO 1974**

**REGISTRY IN ARCHIVES**

DATE

* U.S. GOVERNMENT PRINTING OFFICE: 1974-762-901
DESRIPTIVE 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
Amendment No. 1 8/10/74

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

II. DATUMS
1. HORIZONTAL:
   [X] 1927 NORTH AMERICAN

   OTHER (Specify)

2. VERTICAL:
   [X] MEAN HIGH-WATER
   [ ] MEAN LOW-WATER
   [ ] MEAN LOWER LOW-WATER
   [ ] MEAN SEA LEVEL

   OTHER (Specify)

3. MAP PROJECTION
Lambert Conformal

4. GRID(S)
   STATE N.C.
   ZONE N.A.

III. HISTORY OF OFFICE OPERATIONS

<table>
<thead>
<tr>
<th>OPERATIONS</th>
<th>NAME</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. AEROTRIANGULATION Analytic, by Block Adj.</td>
<td>D.O. Norman</td>
<td>5/74</td>
</tr>
<tr>
<td>2. CONTROL AND BRIDGE POINTS Calcomp</td>
<td>R. Robertson</td>
<td>5/74</td>
</tr>
<tr>
<td>3. STEREOSCOPIC INSTRUMENT Compilation</td>
<td>A.L. Shands</td>
<td>7/74</td>
</tr>
<tr>
<td></td>
<td>J. Hancock</td>
<td>7/74</td>
</tr>
<tr>
<td>4. MANUSCRIPT Delineation 1:5,000</td>
<td>J. Hancock</td>
<td>8/74</td>
</tr>
<tr>
<td></td>
<td>B. Kurs</td>
<td>8/74</td>
</tr>
<tr>
<td></td>
<td>J. Hancock</td>
<td>7/74</td>
</tr>
<tr>
<td>5. OFFICE INSPECTION PRIOR TO FIELD EDIT</td>
<td>B. Kurs</td>
<td>8/74</td>
</tr>
<tr>
<td>6. APPLICATION OF FIELD EDIT DATA</td>
<td>J. Hancock</td>
<td>1/75</td>
</tr>
<tr>
<td>7. COMPILATION SECTION REVIEW</td>
<td>A.L. Shands</td>
<td>1/75</td>
</tr>
<tr>
<td>8. FINAL REVIEW</td>
<td>A.L. Shands</td>
<td>1/75</td>
</tr>
<tr>
<td>9. DATA FORWARDED TO PHOTOMGRAMMETRIC BRANCH</td>
<td>E.L. Rolle</td>
<td>5/76</td>
</tr>
<tr>
<td>10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH</td>
<td>E.L. Rolle</td>
<td>5/76</td>
</tr>
<tr>
<td>11. MAP REGISTERED - COASTAL SURVEY SECTION</td>
<td>R. Catoe</td>
<td>5/76</td>
</tr>
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</table>

NOAA FORM 76-36A SUPERSEDES FORM CG 381 SERIES
1. COMPILATION PHOTOGRAPHY

CAMERA(S):
Wild "RC-10"

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

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

ZONE
Eastern
STANDARD

MERIDIAN
75th

TIME REFERENCE
☐ DAYLIGHT

NUMBER AND TYPE   DATE   TIME   SCALE   STAGE OF TIDE
73C(C) 5703 - 5704  11/7/73  11:34-11:34  1:7,500  +0.95 ft. above MLW *
73C(C) 6368 - 6370  11/12/73  13:32-13:36  1:7,500  +0.65 ft. above MLW *

* Refer to the following page for additional tidal information.

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The elevation of the MHW line above NGVD 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 was used to delineate it using the color photography listed above.

The source of the MLW line is the tide coordinated color 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>
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5. FINAL JUNCTIONS

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<th>EAST</th>
<th>SOUTH</th>
<th>WEST</th>
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<tbody>
<tr>
<td>No survey</td>
<td>No survey</td>
<td>TP-00522</td>
<td>TP-00519</td>
</tr>
</tbody>
</table>

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</th>
<th>STAGE OF TIDE</th>
<th>MEAN RANGE</th>
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</thead>
<tbody>
<tr>
<td>73C(C)5703-5704</td>
<td>Beaufort Inlet Channel Range</td>
<td>+0.95MLW</td>
<td>3.26</td>
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<tr>
<td>73C(C)6368-6370</td>
<td>Beaufort Inlet Channel Range</td>
<td>+0.65MLW</td>
<td>3.26</td>
</tr>
<tr>
<td>73C(C)6368-6370</td>
<td>Atlantic Beach</td>
<td>-0.10MLW</td>
<td>3.76</td>
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</tbody>
</table>

*Refer to the following page for a Tidal Zone diagram.
### HISTORY OF FIELD OPERATIONS

1. **FIELD INSPECTION OPERATION**
   - **OPERATION**: CHIEF OF FIELD PARTY
   - **RECOVERED BY**: RECOVERED BY
   - **NAME**: R.S. Tibbetts
   - **ESTABLISHED BY**: R.D. Black
   - **DATE**: Oct. 1973

2. **HORIZONTAL CONTROL**
   - **RECOVERED BY**: RECOVERED BY
   - **NAME**: R.E. Kesselring
   - **ESTABLISHED BY**: R.D. Black
   - **DATE**: Sept. 1974

3. **VERTICAL CONTROL**
   - **RECOVERED BY**: RECOVERED BY
   - **NAME**: N.A.
   - **ESTABLISHED BY**: N.A.
   - **DATE**: Oct. 1973

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

6. **PHOTO INSPECTION**
   - **CLARIFICATION OF DETAILS BY**: N.A.

7. **BOUNDARIES AND LIMITS**
   - **SURVEYED OR IDENTIFIED BY**: N.A.

### SOURCE DATA

1. **HORIZONTAL CONTROL IDENTIFIED**
   - **Two**
   - **PHOTO NUMBER**
   - **STATION NAME**

2. **VERTICAL CONTROL IDENTIFIED**
   - **One**
   - **PHOTO NUMBER**
   - **STATION DESIGNATION**

3. **PHOTO NUMBERS (Clarification of details)**
   - Field Edit
   - 73G(2)5703; 73G(2)5705

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

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 Geodetic Division)**
   - C45-152

   - **Form 76-53**, Control Station Identification.
### I. Manuscript Copies

<table>
<thead>
<tr>
<th>Compilation Stages</th>
<th>Date</th>
<th>Remarks</th>
<th>Marine Charts</th>
<th>Hydro Support</th>
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<tr>
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<td>Sept, 1974</td>
<td>Class III Manuscript</td>
<td>Aug., 1974</td>
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<tr>
<td>Field Edit applied. Revised due to new vertical datum</td>
<td>Jan, 1975</td>
<td>Class I Manuscript</td>
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<td>Jan., 1975</td>
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### 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>
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</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

<table>
<thead>
<tr>
<th>Survey Edition</th>
<th>Survey Number</th>
<th>Job Number</th>
<th>Type of Survey</th>
<th>Map Class</th>
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<td>Second</td>
<td>TP: _______ (2)</td>
<td>PH: _______</td>
<td>Revised</td>
<td>Map Class</td>
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<tr>
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<td>Date of Photography</td>
<td>Date of Field Edit</td>
<td>Resurvey</td>
<td>II. III. IV. V. Final</td>
</tr>
<tr>
<td>Third</td>
<td>TP: _______ (3)</td>
<td>PH: _______</td>
<td>Revised</td>
<td>Map Class</td>
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<tr>
<td></td>
<td>Date of Photography</td>
<td>Date of Field Edit</td>
<td>Resurvey</td>
<td>II. III. IV. V. Final</td>
</tr>
<tr>
<td>Fourth</td>
<td>TP: _______ (4)</td>
<td>PH: _______</td>
<td>Revised</td>
<td>Map Class</td>
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<td>Date of Photography</td>
<td>Date of Field Edit</td>
<td>Resurvey</td>
<td>II. III. IV. V. Final</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 siltation 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-00521

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
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.
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION</th>
<th>LATITUDE OR X COORDINATE</th>
<th>LONGITUDE OR Y COORDINATE</th>
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<tbody>
<tr>
<td>DEY (USE), 1943</td>
<td>N.C. VOL III Page 2984 N.A.1927</td>
<td>2,715, 624, 55</td>
<td>357, 234, 03</td>
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<tr>
<td>STEEP, 1913</td>
<td>N.C. VOL III Page 3020</td>
<td>2,714, 296, 80</td>
<td>364, 722, 00</td>
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</table>

* Station not shown on manuscript.
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**

Inconsistent color tone qualities of the photography impeded compilation of the contours. Areas of questionable contour accuracy were referred to the field editor for verification.

The mean high water line and the 2 foot contour vary in elevation by 0.1 of a foot and are nearly coincident in some areas. Where coincidence occurs, 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 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.
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 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
Submitted by:

A.L. Shands
Cartographer, 3 Sept., 1974

Approved for forwarding:

J.W. Vonasek
Chief, Special Projects Section

Approved:

V.E. Serena
Chief, Photogrammetric Branch, AMC
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-00521.

52. Adequacy of Compilation.

Compilation was adequate. The compiled portion of this map has less than a half mile of fast shoreline on it. It was accepted as compiled per instructions received from the Chief, Coastal Mapping Division dated May 28, 1974. Horse Island, except for the southeasterly section of it, was compiled as "marsh". Horse Island, as an island per se, does not exist. The "island" is actually a large "flat" that bares at MLW. The flat is covered with patches of grass and some of these show at MHW. The limits delineated on the manuscript as "marsh" should be retained and captioned as "grass in water". Actual marsh limits were indicated on the field edit ozalid and cross-referenced to the appropriate photograph. The southeasterly section of Horse Island is truly an island, although it is composed primarily of marsh. The easterly tip of this island was erroneously compiled as apparent shoreline. The true position of the shoreline, while apparent, is south of that delineated. The limits compiled are those of "grass in water".

The "ponds" mapped on Horse Island are actually tidal pools, they have no MHWL and were deleted from the field edit ozalid.

Seven points of elevation were established from NGVD on Carrot and Horse Islands. Five of them were located horizontally by photogrammetric methods and the other two by ground survey. All of the points were indexed on form 76-52, indicated on the field edit ozalid and cross-referenced to the proper photograph. All elevations are in feet.

Several insignificant areas of "grass in water" and "oysters in foreshore" were overlooked. These areas were indicated on the field edit ozalid and cross-referenced to the appropriate photograph.

Several "oyster bars" were compiled but not labeled. These were dealt with on the field edit ozalid.

54. Recommendations.

There are no recommendations.

56. Landmarks and Non-Floating Aids for Navigation.

There was no requirement for landmarks or fixed aids for this project.

57. Rocks, Reefs, and Shoals.

There are no rocks or reefs, as defined, within the compiled limits of this map. The entire southeasterly corner of the map is, primarily, a large flat that bares a foot or more at MLW. This area was compiled by photobathy-metry and 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, the 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>Section Description</th>
<th>Yes/No/NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projection and Grids</td>
<td>BK</td>
</tr>
<tr>
<td>Title</td>
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<tr>
<td>Manuscript Numbers</td>
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<tr>
<td>Control Stations</td>
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<td>Horizontal Control Stations of 3rd Order or Higher Accuracy</td>
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<td>Recoverable Horizontal Stations of Less than 3rd Order Accuracy (Topographic stations)</td>
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<td>Photo Hydro Stations</td>
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<td>Bench Marks</td>
<td>BK/NA</td>
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<td>Plotting of Sextant Fixes</td>
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<td>Photogrammetric Plot Report</td>
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<td>Detail Points</td>
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<td>Alongshore Areas (Nautical Chart Data)</td>
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<td>Shoreline</td>
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<td>Low-water Line</td>
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<td>Rocks, Shoals, Etc.</td>
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<td>Bridges</td>
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<td>Aids to Navigation</td>
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<td>Landmarks</td>
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<td>Other Alongshore Physical Features</td>
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<td>Other Alongshore Cultural Features</td>
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<td>Contours in General</td>
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<td>Spot Elevations</td>
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<td>Other Physical Features</td>
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<td>Boundary Lines</td>
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<tr>
<td>Public Land Lines</td>
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<td>Miscellaneous</td>
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<td>Geographic Names</td>
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<td>Juncions</td>
<td>BK</td>
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<tr>
<td>Legibility of the Manuscript</td>
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<tr>
<td>Discrepancy Overlay</td>
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<td>Descriptive Report</td>
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<tr>
<td>Field Inspection Photographs</td>
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<td>Forms</td>
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<tr>
<td>Reviewer</td>
<td>Bernard Kurs</td>
</tr>
<tr>
<td>Supervisor, Review Section or Unit</td>
<td>J.W. Vonasek</td>
</tr>
<tr>
<td>Remarks</td>
<td>(See attached sheet)</td>
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<td>Field Completion Additions and Corrections to the Manuscript</td>
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<tr>
<td>Compiler</td>
<td>J. Hancock</td>
</tr>
<tr>
<td>Supervisor</td>
<td>J.W. Vonasek</td>
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<tr>
<td>Rev.</td>
<td>A.L. Shands</td>
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<tr>
<td>Remarks</td>
<td>Several models were reset using vertical control points established during field edit operations. See &quot;Field Edit Application Note.&quot;</td>
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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
GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00521

Carrot Island
Davis Bay
Gibbs Creek
Horse Island
Lenoxville
Lenoxville Point
Middle Marshes
North River
North River Channel
North River Marsh
North River Thorofare
Sheephead Marsh
Steep Point
Steep Point Channel
Taylor Creek
The Black Cat
Turner Creek

Approved

C. E. Harrington
Staff Geographer-C51x2
1 Discrepancy Print for the Field Editor

7 Form C&GS-152

Photography:

73C(C) 5703 and 5705