<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Shoreline (Photogrammetric)</th>
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<tbody>
<tr>
<td>Field No.</td>
<td>Office No.</td>
</tr>
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<td></td>
<td>T-12289</td>
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</table>

**LOCALITY**

<table>
<thead>
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<th>North Carolina</th>
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<tbody>
<tr>
<td>General locality</td>
<td>Long Bay</td>
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<tr>
<td>Locality</td>
<td>Holden Beach</td>
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</table>

**CHIEF OF PARTY**

J. K. Wilson, Chief of Field Party
Allen L. Powell, Director, Atlantic Mar. Ctr.

**DATE**

[4064-1965 1462]
**DESCRIPTIVE REPORT - DATA RECORD**

**JOB NO. (II):**

Job PH-6217

**FIELD OFFICE (III):**

Myrtle Beach, South Carolina

**CHIEF OF PARTY**

Joseph K. Wilson

**PHOTOGRAMMETRIC OFFICE (III):**

Atlantic Marine Center

**OFFICER-IN-CHARGE**

Allen L. Powell

**DIRECTOR, ATLANTIC MARINE CENTER**

**INSTRUCTIONS DATED (II) (III):**

Field: 11 Sept. 1963
Office: 14 Oct. 1963
Office: 12 Oct. 1964, Amendment I

**METHOD OF COMPILATION (III):**

Kelsh Plotter

**MANUSCRIPT SCALE (III):**

1:20,000

**STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):**

1:6,000 pantographed to 1:20,000

**DATE RECEIVED IN WASHINGTON OFFICE (IV):**

**DATE REPORTED TO NAUTICAL CHART BRANCH (IV):**

**APPLIED TO CHART NO.**

**DATE:**

**DATE REGISTERED (IV):**

**GEOGRAPHIC DATUM (III):**

N.A. 1927

**REFERENCE STATION (III):**

BOON, 1932

**LAT.:**

33°55'16.302"

**LONG.:**

78°20'26.197"

**ADJUSTED**

**UNADJUSTED**

**PLANE COORDINATES (IV):**

y = 62,972.83 ft.  x = 2,200,075.74 ft.

**STATE:**

North Carolina

**ZONE:**

-------

**VERTICAL DATUM (III):**

MEAN SEA LEVEL EXCEPT AS FOLLOWS:
Elevations shown as (25) refer to mean high water
Elevations shown as (2) refer to sounding datum
i.e., mean low water or mean lower low water

**USCGMA-DC 36393A-P66**
**DESCRIPTIVE REPORT - DATA RECORD**

**FIELD INSPECTION BY (III):**
- Erwest W. Hartford & Jim D. Shea
- Robert S. Tibbetts

**DATE:**
- Mar.-Apr. 1964
- Feb.-Mar. 1964

**MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):**
Mean High Water line located from photography of August 24, 1962; August 29, 1962 and February 21, 1963 in accordance with field inspection notes.

**PROJECTION AND GRIDS RULED BY (IV):**
- C. R. Johnson

**DATE:**
- 11-27-1963

**PROJECTION AND GRIDS CHECKED BY (IV):**
- R. S. Kornsman

**DATE:**
- 11-29-1963

**CONTROL PLOTTED BY (III):**
- H. Cordell

**DATE:**
- March 1965

**CONTROL CHECKED BY (III):**
- A. Santillan

**DATE:**
- March, 1965

**RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):**
- W. Heinbaugh

**DATE:**
- November 1964

**STEREOSCOPIC INSTRUMENT COMPILATION (III):**

<table>
<thead>
<tr>
<th>PLANIMETRY</th>
<th>CONTOURS</th>
</tr>
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<tbody>
<tr>
<td>B. Barnes</td>
<td></td>
</tr>
</tbody>
</table>

**DATE:**
- May 1965

**MANUSCRIPT Delineated By (III):**
- B. Barnes

**DATE:**
- May 1965

**SCRIBING BY (III):**

**DATE:**

**PHOTOGRAMMETRIC OFFICE REVIEW BY (III):**
- B. Wilson

**DATE:**
- Dec. 1966

**REMARKS:**
Field Edit - None
### Descriptive Report - Data Record

**Camera (Kind or Source) (iii):**

- S and W cameras

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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<tbody>
<tr>
<td>62S911A-62S915A</td>
<td>29 Aug 1962</td>
<td>0836</td>
<td>1:30,000</td>
<td>4.3 ft. above MLW</td>
</tr>
<tr>
<td>62S828A-62S831A</td>
<td>24 Aug 1962</td>
<td>0800</td>
<td>1:30,000</td>
<td>0.8 ft. above MLW</td>
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<tr>
<td>62S841A</td>
<td>24 Aug 1962</td>
<td>0820</td>
<td>1:30,000</td>
<td>0.7 ft. above MLW</td>
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<td>63W3029</td>
<td>21 Feb 1963</td>
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<td>1:30,000</td>
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**Tide (iii):**

<table>
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<th>Reference Station</th>
<th>Ratio of Ranges</th>
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<th>Spring Range</th>
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<tr>
<td>Charleston, S. C.</td>
<td></td>
<td>5.2</td>
<td>6.1</td>
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<tr>
<td>Shallotte Inlet (Bowen Pt.) N.C.</td>
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<td>4.6</td>
<td>5.4</td>
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**Washington Office Review by (iv):**

- June 1971

**Remarks:**

- [Blank]
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<th>Remarks</th>
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<td>Compilation complete pending field edit</td>
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<td></td>
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<tr>
<td>Alongshore area for hydro</td>
<td>May 1965</td>
<td></td>
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<tr>
<td>Final Review</td>
<td>June 1971</td>
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PROJECT PH-6217
SHORELINE MAPPING
NORTH CAROLINA—CAPE FEAR TO SOUTH CAROLINA—WINYAH BAY

Official Mileage For Cost Accounts

<table>
<thead>
<tr>
<th>Sheet Number</th>
<th>Area Square Miles</th>
<th>Shoreline Linear Miles</th>
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<tr>
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<td>39</td>
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<td>35</td>
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<td>12287</td>
<td>26</td>
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<td>4</td>
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<tr>
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<td>12291</td>
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<td>12294</td>
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<td>12298</td>
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<td>12299</td>
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<td>15</td>
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<td>12300</td>
<td>5</td>
<td>10</td>
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<td>10</td>
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<td>12302</td>
<td>20</td>
<td>20</td>
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<tr>
<td>TOTALS</td>
<td>273</td>
<td>311</td>
</tr>
</tbody>
</table>

14 Sept 1962
SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-12289

Shoreline survey T-12289 is one of fifteen similar surveys in project PH-6217. The project contains thirteen maps at 1:20,000 scale and two at 1:10,000 scale. This survey covers that area in the vicinity of Holden Beach and includes part of the Intracoastal Waterway and Shallotte River. See page 5 of the descriptive report for the area within the project.

Field work preceded compilation. This consisted of recovery and identification of horizontal control, shoreline and interior field inspection, location of fixed aids to navigation and selection of landmarks for charts.

The purpose of the survey was to provide shoreline and photo-hydro support for hydrographic surveys to be made in the area. It was not used for this purpose and field edit of the survey was never accomplished. This survey is to be superseded by survey T-12289(2) of Job PH-7019 which will be compiled from photography of 1970.

Compilation of this survey was at 1:20,000 scale by Kelsh Plotter methods using the photography of August 1962 and February 1963. Final review was in the Atlantic Marine Center in June 1971. One cronaflex positive and a negative of the final reviewed survey are forwarded for record and registry.
FIELD INSPECTION REPORT
Project 21059 (4Y 6212)
Maps T-12288 thru T-12291
and T-12293 thru T-12295

This report is submitted for seven maps since there is no great difference in terrain, natural or cultural features which would require special treatment.

2. AREAL FIELD INSPECTION

The area lies between the North portion of Myrtle Beach, South Carolina to the Cape Fear River in North Carolina. It includes the Intracoastal Waterway and is bordered on the Southeast by the Atlantic Ocean. The photograph coverage is not complete for each map, therefore in accordance with Instructions from Washington, field inspection has been completed to the limits of the photographs with the exception of a few places where photograph coverage extends beyond the map limits.

The area along the Atlantic Ocean is a summer resort. The portion from Myrtle Beach to the North Carolina line is built up almost solid while the area from the North Carolina line to the Cape Fear River is more sparsely settled.

There are several small villages along and near U. S. Highway 17. Some of the larger are: Crescent Beach, Little River, Shallotte and Southport.

The photographic quality was good for the entire area. Photographic tones were found to be similar to other areas along the South Atlantic Coast. The photographs used were flown in both 1962 and 1963, therefore, causing some areas to photograph slightly different. The field inspector has used the more recent photography where possible.

Photographs used for field inspection are listed below for individual maps:

<table>
<thead>
<tr>
<th>T-12293</th>
<th>T-12294</th>
<th>T-12295</th>
<th>T-12288</th>
<th>T-12289</th>
<th>T-12290</th>
<th>T-12291</th>
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</thead>
<tbody>
<tr>
<td>62 S 1063A</td>
<td>63 W 3037</td>
<td>63 W 3035</td>
<td>63 W 3029</td>
<td>62 S 841A</td>
<td>62 S 911A</td>
<td>62 S 903A</td>
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<td>62 S 1064A</td>
<td>63 W 3038</td>
<td>63 W 3039</td>
<td>63 W 3029</td>
<td>62 S 912A</td>
<td>62 S 901A</td>
<td>62 S 905A</td>
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<tr>
<td>62 S 852A</td>
<td>63 W 3032</td>
<td>62 S 914A</td>
<td>62 S 906A</td>
<td>62 S 827A</td>
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<td>62 S 855A</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

3. HORIZONTAL CONTROL

Horizontal control recovery and identification has been completed in accordance with project instructions.
The identification of horizontal control was accomplished on 15 February 1964 and forms 152 and 526 (in duplicate) were forwarded to Washington at that time.

PRICE AZIMUTH MARK, 1962 was moved to a new location by this party. See 1964 description and new G.P.

Horizontal control stations reported "lost", "destroyed", or "not recovered" are listed below by maps:

**T-12293**

SANDY, 1934
INTRACOASTAL WATERWAY STA. 730/84.60, 1934
NIXON, 1923

**T-12294**

INTRACOASTAL WATERWAY BEACON NO. 46, 1934
LITTLE RIVER BEACON NO. 8, 1934

**T-12295**

INTRACOASTAL WATERWAY BEACON NO. 77, 1934
BIRD, 1962

**T-12288**

SAUCE, 1934
TUBBS, 1934
SYLVIA, 1934
BAID BEACH, 1962
INTRACOASTAL WATERWAY BEACON NO. 38, 1934
INTRACOASTAL WATERWAY BEACON NO. 36, 1934
INTRACOASTAL WATERWAY BEACON NO. 22, 1934
INTRACOASTAL WATERWAY BEACON NO. 55, 1934
INTRACOASTAL WATERWAY BEACON NO. 57, 1934
INTRACOASTAL WATERWAY BEACON NO. 59, 1934
INTRACOASTAL WATERWAY BEACON NO. 61, 1934
INTRACOASTAL WATERWAY BEACON NO. 71, 1934
INTRACOASTAL WATERWAY BEACON NO. 73, 1934
INTRACOASTAL WATERWAY BEACON NO. 75, 1934

**T-12289**

HEWITT, 1934
LOCKWOOD, 1934
FISH, 1923
CHADWICK, 1934
TAR, 1934
INTRACOASTAL WATERWAY BEACON NO. 29, 1934
INTRACOASTAL WATERWAY BEACON NO. 30, 1934
4. VERTICAL CONTROL

A search was made for all tidal bench marks within the limits of these maps. Form 685A is submitted for each mark.

5. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage is almost entirely composed of tidal streams. Normal drainage is generally by direct run-off into marsh or swamp.

6. WOODLAND COVER

Woodland Cover was classified in accordance with the Topographic Manual.

7. SHORELINE AND ALONGSHORE FEATURES

The high-water line has been indicated on the photographs by symbol in accordance with current instructions. No attempt was made to delineate the low-water line. The delineation of the high-water line was accomplished by several methods: Measurements from identifiable points of detail; by visual inspection from skiff; and by walking the shoreline.

All other shoreline features are adequately covered by field inspection notes on the photographs. There have been few developments since photography. Included with the map data for T-12289 is a tracing of a surveyor's map of a new development along the Intracoastal Waterway. The field inspector has located several common points of detail photogrammetrically.
The field inspector has delineated the shoreline on the 1963 photographs where possible. The compiler will note, along the Intracoastal Waterway, a mud bank where the 1963 photographs were flown at a lower tide than the 1962 ones.

8. **OFFSHORE FEATURES**

A letter-size section of the chart is submitted with Map T-12291. Several piling, wrecks, etc. were located by sextant or theodolite cuts.

9. **LANDMARKS AND AIDS**

A thorough inspection of Nautical Landmarks was made. Form 567 is submitted for each. A few have been shown for deletion and a few new ones are recommended.

All fixed aids to navigation are reported on form 567 for charting. There was only a few changes. A few new daybeacons and one rear range light have been added at the Oak Island Entrance in Map T-12291. The aids were located by several photogrammetric methods, namely: direct method, theodolite cuts from triangulation stations and photo points, and by sextant.

10. **BOUNDARIES, MONUMENTS AND LINES**

There have been no boundary lines shown.

11. **OTHER CONTROL**

There were no marked topographic stations established.

12. **OTHER INTERIOR FEATURES**

All roads were classified in accordance with Photogrammetric Instructions No. 56.

Field Inspection of buildings was done in accordance with Photogrammetric Instructions No. 54, revised September 22, 1961.

There were no bridge or cable clearances measured during this survey.

Marsh and swamp limits have been shown on the photographs where coverage was available.

13. **GEOGRAPHIC NAMES**

See Special Report of Geographic Names, Project 21059, which was submitted to Washington on 5 February 1964.
14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Control Identification to Washington 10-16-63.
Control Identification to Washington 10-24-63.
Map Data T-12300 thru T-12302 to Tampa 1-17-64.
Geographic Names Report to Washington 2-10-64.
Control Identification to Washington 2-13-64.
Map Data T-12293 to Tampa 2-25-64.
Map Data T-12292, T-12296, T-12297 and T-12299 to Tampa 3-4-64.

23 April 1964
Submitted by:

Joseph K. Wilson
Chief, Photo Party 6420
AEROTRIANGULATION REPORT

Project No. 21059

Cape Fear to North Carolina

Winyah Bay to South Carolina

21. **Area Covered**

This report covers aero triangulation bridging of the Atlantic Coast from Myrtle Beach, South Carolina to Cape Fear, North Carolina (T-Sheets T-12296 thru T-12295 and T-12297).

22. **Method**

Three strips were bridged on the stereoplanigraph and adjusted by ISM 1620 methods. All stations held within National Map Accuracy Standards, with the exceptions of Corneake RM #1, 1962 (Strip #3) and Coat, 1934, SS"A". All tie points were averaged. Plotting coordinates are furnished at 1:10,000 scale.

23. **Adequacy of Control**

Horizontal control provided was adequate in quality and coverage, with the exception of Corneake RM #1, 1962, which could not be held in strip #3. It is believed that the RM #1 has been disturbed (see Form 526 Recovery Note). Another station should be identified in the area to complete T-Sheet No. T-12291, Coat 1934, SSA could not be clearly identified in strip #3 and was eliminated from the bridge.

24. **Supplemental Data**

None

25. **Photography**

Photography was adequate as to coverage, overlap, and definition.

Submitted by:

[Signature]

Approved by:

[Signature]
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR Y COORDINATE LONGITUDE OR X COORDINATE</th>
<th>DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 304.8006 meter)</th>
</tr>
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<tbody>
<tr>
<td>BOONE, 1962</td>
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<td>NA 1927</td>
<td>33 54 21.22</td>
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<td>78 18 10.32</td>
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<td>Page 37</td>
<td>&quot;</td>
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COMPUTED BY: B. Wilson DATE: 11-7-66
CHECKED BY: A. Santillan DATE: Nov. 8, 1966
COMPILATION REPORT
T-12289

31. DELINEATION
    The Kelsh Plotter was used. Field inspection was adequate and the photography of good quality.

32. CONTROL
    See photogrammetric plot report.

33. SUPPLEMENTAL DATA
    None.

34. CONTOURS AND DRAINAGE
    Contours are inapplicable.
    Drainage was delineated as field inspected and from office interpretation of the photography.

35. SHORELINE AND ALONGSHORE DETAILS:
    The mean low water line was delineated from office interpretation of the photographs. The field inspection of the mean high water line was adequate.

36. OFFSHORE DETAIL
    None.

37. LANDMARKS AND AIDS
    Appropriate copies of form 567, nonfloating aids or landmarks for charts, have been forwarded.
38. **CONTROL FOR FUTURE SURVEYS**

None.

39. **JUNCTIONS**

Junctions are in agreement with T-12288 to the west and with T-12290 to the east. There is no contemporary survey to the north and the Atlantic Ocean is to the south.

40. **HORIZONTAL AND VERTICAL ACCURACY**

No statement.

46. **COMPARISON WITH EXISTING MAPS**

A comparison was made with USGS HOLDEN BEACH, N.C., 1:24,000 scale quadrangle, dated 1943.

Changes were noted along the intracoastal waterway and the barrier beach.

There is now a swing bridge over the intracoastal waterway near latitude 33°55' longitude 78°16'.

47. **COMPARISON WITH NAUTICAL CHARTS**

A comparison was made with chart 835-SC, 1:40,000 scale, 3rd edition, March 1966.

**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY**

None.
ITEMS TO BE CARRIED FORWARD

None.

B. H. Barnes
Cartographic Aid

Approved for forwarding:

Melvin J. Umbach, CDR, NOAA
Chief, Photogrammetry Division, AMC

Approved:

Allen L. Powell, RADM, NOAA
Director, Atlantic Marine Center
May 28, 1971

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6217 (North Carolina)

T-12289

Atlantic Ocean
Boone Channel
Boone Landing
Boone Neck
Bowen Point
Copas Branch
Holden Beach (beach)
Holden Beach (community)
Intracoastal Waterway
Little Shallotte River
Long Bay
Long Point
Middle Dam Creek
Monks Island
Sage Island
Secession
Shallotte River
Shell Point
Stanbury Swamp
The Swash
Turkey Trap Swamp
Windy Point

Approved by:

A. Joseph Wright
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician
49. NOTES TO THE HYDROGRAPHER

None
### PHOTOMGRAMMETRIC OFFICE REVIEW

**T-12289**

<table>
<thead>
<tr>
<th>1. <strong>PROJECTION AND GRIDS</strong></th>
<th>2. <strong>TITLE</strong></th>
<th>3. <strong>MANUSCRIPT NUMBERS</strong></th>
<th>4. <strong>MANUSCRIPT SIZE</strong></th>
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<td>B.W.</td>
<td>B.W.</td>
<td>B.W.</td>
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</table>

<table>
<thead>
<tr>
<th>5. <strong>CONTROL STATIONS</strong></th>
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<th>6. <strong>HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY</strong></th>
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<th>7. <strong>RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY</strong> (Topographic stations)</th>
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**ALONGSHORE AREAS (Nautical Chart Data)**

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<tr>
<th>16. <strong>AIDS TO NAVIGATION</strong></th>
<th>17. <strong>LANDMARKS</strong></th>
<th>18. <strong>OTHER ALONGSHORE PHYSICAL FEATURES</strong></th>
<th>19. <strong>OTHER ALONGSHORE CULTURAL FEATURES</strong></th>
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**PHYSICAL FEATURES**

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<tr>
<th>20. <strong>WATER FEATURES</strong></th>
<th>21. <strong>NATURAL GROUND COVER</strong></th>
<th>22. <strong>PLANETABLE CONTOURS</strong></th>
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<th>23. <strong>STEREOSCOPIC INSTRUMENT CONTOURS</strong></th>
<th>24. <strong>CONTOURS IN GENERAL</strong></th>
<th>25. <strong>SPOT ELEVATIONS</strong></th>
<th>26. <strong>OTHER PHYSICAL FEATURES</strong></th>
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**CULTURAL FEATURES**

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<tr>
<th>27. <strong>ROADS</strong></th>
<th>28. <strong>BUILDINGS</strong></th>
<th>29. <strong>RAILROADS</strong></th>
<th>30. <strong>OTHER CULTURAL FEATURES</strong></th>
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**BOUNDARIES**

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<th>31. <strong>BOUNDARY LINES</strong></th>
<th>32. <strong>PUBLIC LAND LINES</strong></th>
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**MISCELLANEOUS**

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<tr>
<th>33. <strong>GEOGRAPHIC NAMES</strong></th>
<th>34. <strong>JUNCTIONS</strong></th>
<th>35. <strong>LEGIBILITY OF THE MANUSCRIPT</strong></th>
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<tr>
<th>36. <strong>DISCREPANCY OVERLAY</strong></th>
<th>37. <strong>DESCRIPTIVE REPORT</strong></th>
<th>38. <strong>FIELD INSPECTION PHOTOGRAPHS</strong></th>
<th>39. <strong>FORMS</strong></th>
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**REVIEWER**

- Bernice Wilson
- Albert C. Rauck

**REMARKS**

- Field completion 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.

**COMPILED**

- SUPERVISOR

**REMARKS**

- [Additional remarks and notes]
REVIEW REPORT T-12289

SHORELINE

JUNE 2, 1971

61. GENERAL STATEMENT

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

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Comparison was made with a copy of T-8199. This 1:20,000 scale survey made in 1944 is a part of the 7 1/2 minute series of standard topographic quadrangle maps, printed and distributed by the U. S. Geological Survey. All differences noted that exist between surveys T-8199 and T-12289 will also exist between the HOLDEN BEACH, N.C. quadrangle and T-12289.

Some erosion of the shoreline along the outer coast has occurred since the date of the older survey. The shoreline of the Intracoastal Waterway has also undergone changes caused by dredging operations and the deposit of spoil along its south side. These changes have been indicated on the comparison print in blue.

Survey T-8199 is now obsolete. It is superseded by T-12289 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with U.S.G.S. HOLDEN BEACH, N.C., 1:24,000 scale quadrangle. See item 62 above.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

There were no contemporary hydrographic surveys available for comparison purposes at the time of final review.
65. **COMPARISON WITH NAUTICAL CHARTS**

Comparison was made with chart 835-SC, 8th edition, January 23, 1971. The position of the following fixed aids to navigation are not in agreement on the two surveys.

Cape Fear-Little River Light 51A  
Cape Fear-Little River Daybeacon 53  
Cape Fear-Little River Daybeacon 55  
Cape Fear-Little River Light 59  
Cape Fear-Little River Daybeacon 61  
Cape Fear-Little River Daybeacon 69  
Cape Fear-Little River Light 71A

A wreck shown on the chart near latitude 33°54.8' longitude 78°15.1' is not visible on photographs of the area.

All major differences between the chart and this survey have been indicated on the comparison print in red.

66. **ADEQUACY OF RESULTS AND FUTURE SURVEYS**

This survey complies with 1 instructions and meets the National Standards of Map Accuracy.

Reviewed by:

[Signature]
Leo F. Beugnet  
Cartographer

Approved for forwarding:

[Signature]
Kelvin J. Bumsch, CDR, NOAA  
Chief, Photogrammetry Division, AMC

Approved:

[Signature]
Allen L. Powell, RADM, NOAA  
Director, Atlantic Marine Center

Approved:

[Signature]
Charles Thomas  
Chief, Photogrammetric Branch  
[Signature]
Jack F. Smith  
Chief, Photogrammetry Division
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.

Red from chart 835-sc
Blue from T-8199
**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.

<table>
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<tr>
<th>CHART</th>
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<td>S. More</td>
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<td>1-11-72</td>
<td>R. A. Liles</td>
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<td>E. Rodavina</td>
<td>Consider fully applied - Substantiated by Full Part Before After Verification Review Inspection Signed Via Drawing No.</td>
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