

4248

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Form 504

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

State: North Carolina

11-5613

DESCRIPTIVE REPORT.

Topographic Sheet No. A 4248

LOCALITY:

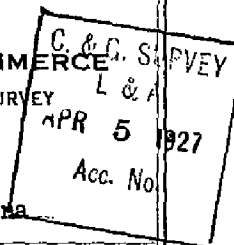
Wilmington  
~~Coast of North Carolina~~

Kure Beach to  
*Transpose*  
Masonboro Inlet

1926

CHIEF OF PARTY:

K. T. Adams



DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET

No. \_\_\_\_\_  
SCALE - - - - - 1:20,000  
EAST COAST OF NORTH CAROLINA

KURE BEACH TO MASONBORO INLET

SURVEYED AUGUST 31 to SEPTEMBER 3, 1926.

K. T. Adams, H. & G. Engineer, Chief of Party.  
H. C. Warwick, Jr. H & G Engineer, Topographer

Limits:

The work on this sheet covers the ocean beach from  $1\frac{1}{4}$  miles south of Kure Beach to Masonboro Inlet.

Control:

The control consisted of various triangulation stations (the recovery notes for which accompany this report) established by the party of C. L. Garner in 1918, and a few intersection stations established in 1923.

Method:

The traverse method of survey was used throughout, traversing between control points. The small signals erected for in-shore (launch) hydrography were built by the party during the progress of the work, and were located by rod readings and check rod readings. The signals for the most part consisted of a single 2" x 2" x 12' piece with cloth banners secured and guyed at the top by three or more wire guys. This type of signal can be constructed rapidly and the material is light. To depend on drift-wood for building signals would be a loss of time.

The high water line was rodged in, the low water sketched, wrecks along the beach were located by intersecting cuts. Houses, piers etc. were rodged in.

The entire sheet was completed from a camp established at Wilmington Beach (R.A.R. station WSR) and a Ford truck was used as transportation along the beach.

#### Traverse Closures:

All the traverse closures were small and well within the allowable limits. The traverses were short as most of the triangulation stations were recovered.

The closures were as follows:

From A	To A	Closure
Kure beach dance hall	Carolina Beach dance hall	0 Meters
Carolina Beach dance hall	Canal	10 "
Canal	Wreck	0 "
Wreck	Bay	0 "
Bay	Dicks	0 "
Dicks	Gap	0 "
Dicks Gap	Johns	0 "
Johns	Everets	9 "
Everets	Sound	6 "
Sound	Todd	0 "
Todd	Boro	12 "
Boro	Beach	18 "

This last closure was made on the adjoining sheet by Ensign H. K. Hilton. The topography on this sheet being carried to just the northern side of Masonboro Inlet.

#### General Description of Locality:

The general description of this locality is similar to any along this part of the coast., a straight wide sand beach from low to high water, and at high water sand dunes rise abruptly. Inshore from the sand dunes the low marshy land extends a half mile or more to the tree line, North of Carolina Beach this low land is taken up largely by Myrtle and Masonboro Sounds.

A road extends along the beach from the southern limit of the sheet to Carolina Beach. From here it turns abruptly to the left and takes you to the interior, Wilmington, and other smaller towns.

Kure beach is a small summer resort. A fishing pier at this place is the greatest attraction.

Wilmington Beach is a resort of almost the same size, the Breakers Hotel here is the largest building.

Carolina Beach is the largest of the three resorts and has more amusement places than any of the others. The Carolina Beach Hotel opened its first season this year. Lots are staked off all around, but there is little development going on now.

There are numerous old wrecks along the beach as are shown on the sheet. It is said locally that they are wrecks from Civil War days.

#### Land Marks:

All objects described in the accompanying descriptions of stations may be considered as land marks, and in addition thereto is the pier at Kure Beach and the wrecks along the beach as indicated on the sheet.

#### Geographic Names:

Kure Beach is actually the name of the settlement shown on the chart as Wilmington Beach.

Wilmington Beach is a settlement about midway between Kure Beach and Carolina Beach.

#### Progress:

Work was begun at noon August 31st and ended at noon September 3rd, 1926.

Statistics:

Statute miles of high water line surveyed	16.0
" " " low " "	16.0
" " " roads.	4.0
Topographic signals built	25
Topographic signals located	38
Working days	3.0
Men on party	5
Transportation	Ford Truck

Respectfully submitted,

H.C. Warwick  
H.C. Warwick, Jr. H. & G. E.  
C. & G. Survey

Approved:

K.T. Adams  
K. T. Adams, H. & G. E.  
C. & G. S.- Chief of Party

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

4248

U. S. Coast and Geodetic Survey.

Register No. <sup>A</sup> 4248

State North Carolina

General locality East Coast Wilmington

Locality Kure Beach to Masonboro Inlet  
<sup>Transpose</sup>

Chief of party K. T. Adams

Surveyed by H. C. Warwick

Date of survey August 31st to September 3rd, 1926

Scale 1 : 20,000

Heights in feet above -----

Contour interval ----- feet.

Inked by H. C. Warwick. Lettered by H. C. Warwick

Records accompanying sheet (check those forwarded): Photographs,

✓ Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet Recovery notes

and description of stations

Remarks:

Not found with Dine. Rep.  
May be forwarded to Geodetic  
C. B. Apr. 9, 1927