

# F00062

F00062

NOAA FORM 76-35A	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SERVICE	
DESCRIPTIVE REPORT	
Type of Survey .....	Field Examination
Field No. ....	
Registry No. ....	F00062
LOCALITY	
State .....	North Carolina
General Locality .....	Trent River
Sublocality .....	New Bern to Pollocksville
.....	
<u>1947</u>	
CHIEF OF PARTY	
LIBRARY & ARCHIVES	
DATE .....	

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as:

FE No.4 1947

FE #4 (1947)

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

*AWC*

POST-OFFICE ADDRESS:

P.O. Box 1292, New Bern, North Carolina

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

17 September 1947

To: The Director  
U. S. Coast & Geodetic Survey  
Washington 25, D.C.

Subject: Report on Reconnaissance Survey - Trent River

In accordance with undated instructions a reconnaissance survey has been made to determine the controlling depth in the Trent River between New Bern and Pollocksville, N.C.

It was impossible to use the bromide prints furnished for boat sheets as the shoreline was not accurate enough to spot positions.

Nine lens photographs, numbers 15949, 15952, 15973, 15974 and 15975 were used for boat sheets. Natural objects were pricked direct on the photographs and used as signals to control the hydrography. From Bn 18 to Pollocksville the centerline of the stream was followed and positions were spotted off natural objects. A few of the fixes are in error but due to the limited amount of time available it has been impossible to correct the sounding volumes. Positions as shown on the boat sheet should be used whenever the angle fix does not plot. Sounding as shown on the boat sheet are not reduced to Mean Low Water.

Tide observations were made at Pollocksville and New Bern on the two days on which hydrography was accomplished. This was accomplished by reading tide staffs at 30 minute intervals. The tide staff at New Bern was located at the highway bridge over Trent River and was tied into tidal bench marks. The tide staff at Pollocksville was located at the highway bridge ~~over~~ Trent River and was tied into first order bench marks.

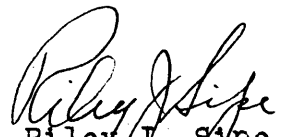
*(7 ft. reduced for tide and fath. corr.)*

In as much-as nine feet, not reduced for tide, was the shoalest sounding obtained, information has been furnished the Honorable G. A. Barden and The Superior Stone Company

*Applied to 538 5-25-51 PWA*

The Director  
Page Two  
17 September 1947

that the controlling depth was 7 feet. They have also been informed that this depth, 7 feet is a result obtained in the field and will probably be corrected at the office as much as plus or minus one half foot.

  
Riley J. Sipe  
Chief of Party

REVIEW OF FIELD EXAMINATION NO. 4, 1947

1. The purpose of this field examination was to determine the controlling depth in the Trent River between New Bern and Pollocksville, North Carolina. The survey adequately complies with the Project Instructions.
2. The soundings have been smooth-plotted on sections of air photographs Nos. 15952, 15972, 15949, 15974 and 15975.
3. The controlling depth was found to be 7 ft. The project depth (Chart 538) of the U. S. Engineers in this section of the river is 6 ft.

Reviewed by: R. H. Carstens, November 24, 1947

Inspected by: H. W. Murray

SEP 22 1947

## TIDE NOTE FOR HYDROGRAPHIC SHEET

Coastal Surveys  
Division of ~~Hydrography and Topography~~

Division of Charts: H. W. Murray

Plane of reference approved in

1 volumes of sounding records for Field Examination No. 4 - 1947

### ~~HYDROGRAPHIC SHEET~~

Locality Trent River (New Bern - Pollocksville, N. C.)

Chief of Party: R. J. Sipe in 1947

Plane of reference is low-water datum, reading

4.3 ft. on tide staff at New Bern

17.6 ft. below B. M. T-26

2.7 ft. on tide staff at Pollocksville

16.0 ft. below B.M. Y-26

Low-water datum = mean water level minus  $(-) \frac{1}{2}$  foot.

Condition of records satisfactory except as noted below:

*E. C. McKay*  
Section  
Chief, ~~Division~~ of Tides ~~and~~

PANK  
(by the signal)

15952

CON

HAD

LOT

PIT

JAR  
Span #1

JOB

BEN

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Photo No. 15952  
Date 4-5-46  
Title Man Range  
Film No. 13:25  
Time 13:25  
Page 13:25  
Checked by  
Reviewed by  
Approved by  
Checked and Approved

15973

TRE

Bn. 16

BULLA  
BUS

Light # 13  
HEN

Spur 12

BUG

ROT

TOP

Light # 6

GUT

MAN

Light # 5

JET

ACE

NIL

BEN

LON

Light # 2

JOB

PIT

15973

2



FE 4 1947

~~BOAT SHEET~~



15 130

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11

7

12

13

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7

OKIN

CENTRE

Bn. 18

Bn. 16

Bn. 15

3

15949

Table  
For use by  
Tide, Mean  
Date 7-5-77  
Tide No. 6594

~~BOAT SHIP~~

FE 4 1



74-5-4  
1541  
71

Examined and forward  
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15778

Book No. 15973  
Date 4-5-96  
Total Area (Sq. Ft.)  
Stamp  
For use by:  
( ) Secretary  
( ) Clerk  
( ) F. Insp.  
( ) Tax Collector  
( )  
Enclosed and forward:  
Postage 12.50  
Other Bill