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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: N. C.

DESRIPTIVE REPORT

Topographic } Sheet No. "4676"
~~Hydrographic~~ } 4676

LOCALITY

Chowan River

White Idg. to Wiccacon Creek

19 32

CHIEF OF PARTY

C. A. Egner

4676

applied to Chart Coast 1228 July 1949
E.H.

DESCRIPTIVE REPORT

TO ACCOMPANY

TOPOGRAPHIC SHEET "A"

CHOWAN RIVER, WICCACON AND BENNETT CREEKS,

POINT COMFORT (BULL POND) TO LAT. 36 - 21,

NORTH CAROLINA.

MOTOR VESSEL NATOMA

C. A. EGNER

COMMANDING.

1 9 3 2

D E S C R I P T I V E R E P O R T

T O A C C O M P A N Y

T O P O G R A P H I C S H E E T "A".

C H O W A N R I V E R, W I C C A C O N & B E N N E T C R E E K S,

P O I N T C O M F O R T (B U L L P O N D) T O L A T. 36 - 21 .

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I N S T R U C T I O N S :

This survey was made under the Director's Instructions dated January 21, 1932.

M E T H O D O F S U R V E Y :

The customary plane-table method was used with three point fixes comprising the majority of locations. Traverses were run up Wiccacon and Bennetts Creeks. The former closed well within the allowable limit and the latter was not long enough to be at fault.

E X T E N T :

This sheet comprises a survey of the shore line of Chowan River from a line about 2 miles south of Colerain Landing to and including the entrance to Wiccacon Creek to Triangulation Station CREEK and an intersection station, Triangulation Station FLAG abeam of it, of Wiccacon Creek from the entrance to the Steel Bridge north of Harrelsville, and of Bennetts Creek for the first two miles of entrance to a point where this stream becomes quite restricted making satisfactory control difficult.

DESCRIPTION:

The shore line on both sides of the Chowan River is irregular due largely to the extent of cypress swamps. On the easterly shore the bank is firm with a bluff line of varying heights and extends to about Latitude 36 - 14. The Cypress swamps takes over a small portion north of this, and, in a few hundred meters, is replaced by firm ground again. This latter extends to a point about 400 meters north of Cannon's Ferry and is succeeded by cypress and grass swamps to the northerly limit. Holiday Island has its entire shore line in cypress swamps. The westerly shore of the river is composed of firm ground, with an occasional, almost negligible, stretch of sandy beach except around Colerain Landing, extending from the southerly limit to a point about 300 meters north of Colerain Landing. The beach around the Landing is sandy and is an attraction for a bathing resort located there. North of the point heretofore mentioned the shore line becomes a cypress swamp extending with only a few minor breaks to a point about 600 meters north of Triangulation Station TAYLOR. The firm ground takes over here and extends to a point abeam of Triangulation Station SWAMP where it is succeeded by cypress and grass swamps for the remainder of the sheet to the northerly limit. Wiccacon Creek shore lines are mainly cypress swamps until in the vicinity of Tar Ferry where firm ground is encountered frequently. Bennetts Creek for the extent of the survey has swampy shore lines.

COMPARISON WITH PREVIOUS SURVEYS:

In general the shore lines of the river have changed very little, but, as the shore line composed of a cypress swamp is variable, the change would be almost elastic. Most of the roads have disappeared because of the opening of the bridge has made ferries unprofitable. There are a few roads, variably improved, leading to the larger landings.

TRAVERSE OF WICCACON CREEK:

The control for this traverse was effected by projecting a straight line from MASON after a 45 degree turn off from the line MASON-PILAND ranged in from MASON. This was check taped and the closure at the determined location (Topographic Signal A) was much below the allowable. An azimuth line observed from Triangulation Station COTTON was taped from this Second Order station to Tar Ferry to be used there for a check. This station, Azimuth No. 2, was also closed on below the allowable. To provide a station at the termination of the traverse a theodolite and tape traverse was run from Triangulation Station COTTON. Azimuth No. 1 was located at the intersection of two roads and available to local engineers, then the theodolite traverse continued to the Steel Bridge where Topo. Signal BRIDGE was determined. The distances were check taped and all angles were determined by 6 D. and R. This traverse was computed by traverse methods providing a Fourth Order closing station at the steel drawbridge where the Wiccacon Creek survey terminated.

CONTROL FOR
SURVEY:

The control for this survey was effected by third order triangulation brought down from a second order scheme. The third order was expanded from the second order line BULL POND-LAWRENCE and carried through to a line and position check with old work at COW ISLAND₂-BULL POND and COW ISLAND₂-MONTROSE with further check on second order at Triangulation Station CANNON. The second and third order work checked within one meter at Triangulation Station MT. PLEASANT, a position check station from the second order work, which was sufficiently accurate for continuation. Beyond Triangulation Station MT. PLEASANT unadjusted positions of the third order triangulation stations were used, the accumulated discrepancies in this scheme being inappreciable for the topography.

COMMENTS:

The cypress swamp shore line was difficult of delineation because of scattered and often isolated trees well out in deep water. To be uniform the inshore line was taken and the scattered off lying trees merely indicated by random conventional symbols.

MAGNETIC MERIDIAN:

One magnetic meridian was determined by declinator at Triangulation Station BULL POND at the southern end of the sheet. This value was checked at Mt. Pleasant Wharf near the northerly end and the same value found. However, a C. & G. S. Magnetic Station is located at Gatesville, N.C. only a very few miles from the northerly limit of this sheet. From this station a more satisfactory value for this area has no doubt, already been obtained by a party constituted for such work.

STATISTICS:

Shore line	55.6 Statute miles.
Area	13.2 Square Statute miles.

LANDMARKS:

Shown on Form 567, "Landmarks for Charts"

Respectfully submitted,

William F. Deane

William F. Deane
Aid, C. & G. Survey.

Approved and Forwarded;

C. A. Egnor
C. A. Egnor
Chief of Party
Commanding M. V. NATOMA.

SIGNAL	DESCRIPTION	LAT	LONG	R-recoverable NR-not "
		550.0	265.2	
Tri	White tripod	36-10 (1299.4)	76-45 (1234.4)	NR
		754.5	362.1	
Blak	Black & White tripod	" " (1094.9)	" " (1137.5)	"
		989.8	326.1	
Ban	Crossed white banners	" " (859.6)	" " (1173.5)	"
		1234.7	332.4	
Uno	White banners	" " (614.7)	" " (1167.2)	"
		1246.8	304.0	
Gabe	W. Gable N'ly boathouse	" " (602.6)	76-43 (1195.6)	R
		1443.6	242.8	
Land	White tripod	" " (406.8)	" " (1256.8)	NR
		12.5	254.7	
Shed	W'ly gable big shed	36-11 (1836.9)	" " (1244.6)	R
		99.9	325.3	
Son	White tripod	" " (1749.5)	76-45 (1174.0)	NR
		216.2	200.0	
Pole	White banners	" " (1633.2)	76-43 (1299.3)	"
		434.2	203.1	
Boat	W.gable S'ly of boat sheds	" " (1415.2)	" " (1296.2)	R
		502.9	337.0	
Hud	Crossed white banners	" " (1346.5)	76-45 (1162.3)	NR
		511.0	186.2	
Mid	W.gable middle boat shed	" " (1338.4)	76-43 (1313.1)	R
		658.6	171.0	
Nor	W.gable N'ly boat shed	" " (1190.8)	" " (1328.3)	"
		814.2	299.2	
Peg	White wrapped tree	" " (1035.2)	76-45 (1200.1)	NR
		926.8	158.3	
Man	White wrapped tree	" " (922.6)	76-43 (1341.0)	"
		1291.1	114.5	
Sow	S. gable S'ly house	" " (558.3)	76-45 (1384.8)	R
		1363.9	1408.8	
Dive	S'ly diving platform	" " (485.6)	76-44 (90.5)	"
		1365.2	196.4	
Chap	Crossed white banners	" " (484.2)	76-43 (1303.9)	NR
		1451.0	1345.6	
Form	N'ly diving platform	" " (398.4)	76-44 (153.7)	R
		1558.3	1381.9	
Gas	E'ly of gasoline tanks	" " (291.1)	" " (117.4)	"
		1581.3	1362.4	
Stak	Cannery stack	" " (268.1)	" " (136.9)	"
		63.8	1385.9	
Dol	S'ly dolphin	36-12 (1785.6)	76-44 (113.1)	"
		141.5	209.0	
Nay	W. gable S'ly boat shed	" " (1707.9)	76-43 (1290.0)	"
		181.8	180.4	
Ed	W. gable N'ly boat shed	" " (1667.6)	76-43 (1318.6)	"
		284.9	132.0	
Rain	White crossed banners	" " (1564.5)	76-45 (1367.0)	NR
		424.2	43.9	
West	W. gable boat shed	" " (1425.2)	76-43 (1455.1)	R
		490.0	34.8	
Stan	Stand on tree	" " (1359.4)	76-45 (1464.2)	NR

SIGNAL	DESCRIPTION	LAT	LONG	R*recoverable
Kir	White tripod	36-12 (1071.0)	76-42 (1461.1)	NR- not "
		782.6	64.8	NR
Bo	White wrapped tree	" " (1066.8)	76-45 (1434.2)	"
		1216.2	1420.2	
Gile	White crossed banner	" " (633.2)	76-42 (78.8)	"
		1232.2	1471.8	
Dos	Black and white wrapped tree	" " (617.2)	76-44 (27.2)	"
		1442.5	1151.9	
Rap	White wrapped tree	" " (406.9)	76-44 (347.1)	"
		1624.4	1331.2	
Treel	White wrapped tree	" " (225.0)	76-42 (167.8)	"
		132.6	1065.0	
Quat	White banner on tree	36-13 (1716.8)	76-44 (434.0)	"
		134.2	1145.6	
Cinco	White crossed banners	" " (1715.2)	76-42 (353.0)	"
		430.0	1013.8	
Pod	White tripod	" " (1419.4)	" " (484.8)	"
		507.3	947.0	
Bil	Black and white wrapped tree	" " (1342.1)	76-44 (551.6)	"
		750.6	926.5	
Ses	White banners on tree	" " (1098.8)	" " (572.1)	"
		930.7	761.1	
Hole	White tripod	" " (918.7)	76-42 (737.5)	"
		1128.4	810.5	
Tex	White square on tree	" " (721.0)	76-44 (688.1)	"
		1378.9	655.3	
Al	White wrapped tree	" " (470.5)	" " (843.3)	"
		1484.4	408.0	
Tres	Black and white tripod	" " (365.0)	76-42 (1090.6)	"
		1567.6	442.6	
Crik	Black and white wrapped tree	" " (281.8)	76-44 (1056.0)	"
		1653.2	280.0	
White	White wrapped tree	" " (196.2)	76-42 (1218.6)	"
		1510.0	780.0	
Ile	Black and white wrapped tree	" " (339.4)	76-43 (719.0)	"
		1702.6	1018.6	
Swim	White wrapped tree	" " (146.8)	" " (480.0)	"
		1765.4	723.0	
Pure	White wrapped tree	" " (84.0)	" " (775.6)	"
		1836.4	392.0	
Sam	White banners on tree	" " (13.0)	76-44 (1106.6)	"
		256.5	200.0	
Izzy	White wrapped tree	36-14 (1592.9)	" " (1298.3)	"
		62.1	25.3	
Juke	Black and white wrapped tree	" " (1787.3)	76-42 (1473.0)	"
		153.5	750.0	
Wink	White banners on tree	" " (1695.9)	76-43 (748.3)	"
		244.1	1224.2	
How	House	" " (1605.3)	76-42 (274.1)	R
		282.5	1282.8	
Paul	White banner on tree	" " (1566.9)	" " (215.5)	NR
		332.2	634.8	
Carl	Black and white wrapped tree	" " (1517.1)	76-43 (863.5)	"

SIGNAL	DESCRIPTION	LAT	LONG	R*recoverable NR-not "
		378.2	1450.5	
Able	Black and white tripod	36-14 (1471.2)	76-43 (47.8)	NR
		466.6	577.2	
Boy	White wrapped tree	" " (1382.8)	" " (921.1)	"
		694.8	588.4	
Hav	White banners on tree	" " (1154.6)	" " (909.9)	"
		911.3	926.0	
Kil	Black and white wrapped tree	" " (938.1)	" 42 (572.3)	"
		1043.4	633.0	
Jean	White wrapped tree	" " (806.0)	" 43 (865.3)	"
		1213.8	880.2	
Ring	White banners on tree	" " (635.6)	" 42 (618.1)	"
		1418.4	443.6	
Law	Black and white wrapped tree	" " (431.0)	" 43 (1054.7)	"
		1458.0	762.1	
Bob	White tripod	" " (391.4)	" 42 (736.2)	"
		1598.3	280.5	
Dog	White banners on tree	" " (251.1)	" 43 (1217.8)	"
		1816.1	570.6	
Pile	Wrapped pile	" " (33.3)	" 42 (927.7)	"
		1756.0	93.2	
Wire	White wrapped tree	" " (93.4)	" 43 (1405.1)	"
		73.7	1356.9	
Roy	Black and white wrapped tree	36-15 (1775.7)	" 42 (141.4)	"
		222.2	1234.6	
An	White banners on tree	" " (1627.2)	" " (263.4)	"
		425.7	1062.9	
Cut	White wrapped tree	" " (1423.7)	" " (435.0)	"
		652.2	793.0	
Spare	White wrapped tree	" " (1197.2)	" " (705.0)	"
		531.7	200.0	
Mast	White tripod	" " (1317.7)	" 41 (1298.0)	"
		752.8	1406.0	
Ship	Boat	" " (1096.6)	" 40 (92.0)	R
		925.9	814.9	
Hap	Black and white wrapped tree	" " (923.5)	" 42 (683.2)	NR
		1074.6	1263.1	
Pal	Black and white wrapped tree	" " (774.8)	" 40 (235.0)	"
		1329.4	762.1	
Salt	White wrapped tree	" " (520.0)	" 42 (736.0)	"
		1307.9	1054.9	
Life	White square	" " (541.5)	" 40 (443.1)	"
		1589.4	686.2	
Bit	Black and white wrapped tree	" " (260.0)	" 42 (809.8)	"
		1608.3	870.0	
Dul	White tripod	" " (241.1)	" 40 (628.0)	"
		1765.4	464.6	
Box	White banners on tree	" " (84.0)	" 42 (1033.4)	"
		100.0	740.0	
Tin	White banners on tree	" 16 (1749.4)	" 40 (757.7)	"
		191.1	341.6	
Toby	Black and white wrapped tree	" " (1658.3)	" 42 (1156.1)	"

SIGNAL	DESCRIPTION	LAT	LONG	R-recoverable NR-not "
Mess	White wrapped tree	36-16 (311.0)	76-42 (176.6)	NR
Fish	W'ly gable S'ly fish house	" " (382.7)	" 40 (612.0)	R
Shad	W'ly gable N'ly fish house	" " (521.7)	" 40 (521.7)	"
Go	Black and white wrapped tree	" " (843.8)	" 40 (547.5)	NR
Gray	White banners on tree	" " (875.0)	" 41 (1415.9)	"
Wave	White flag	" " (974.4)	" 40 (81.8)	"
Part	White banners on tree	" " (998.0)	" " (1445.2)	"
Tab	White banners on tree	" " (851.4)	" " (52.5)	"
Gal	White banners on tree	" " (1026.0)	" " (726.1)	"
Sat	White triang. banner on tree	" " (823.4)	" " (771.8)	"
Red	Red and white wrapped tree	" " (1224.1)	" 41 (140.0)	"
Lar	Red and white wrapped tree	" " (625.3)	" 41 (1357.7)	"
Gen	Black and white wrapped tree	" " (1242.6)	" 40 (1384.6)	"
Him	White wrapped tree	" " (606.8)	" 40 (113.1)	"
Flee	White wrapped tree	" " (1245.4)	" 41 (1407.7)	"
Bat	White wrapped tree	" " (604.0)	" 41 (90.0)	"
Hit	Black and white wrapped tree	" " (1307.4)	" 40 (604.2)	"
Yel	Yellow square on tree	" " (542.0)	" 40 (893.5)	"
Last	White banners on tree	" " (1387.4)	" 41 (220.0)	"
Slim	White wrapped tree	" " (462.0)	" 41 (1277.7)	"
Buz	Black and white wrapped tree	" " (1549.4)	" 40 (1356.6)	"
Cor	Red and white wrapped tree	" " (300.0)	" 40 (141.1)	"
Zip	White banners on tree	" " (1551.4)	" 41 (1481.9)	"
End	Yellow and bl. wrapped tree	" " (298.0)	" 41 (15.8)	"
Lag	White banners on tree	" " (1592.9)	" " (343.8)	"
Bot	White banner on tree	" " (257) (257) (852.5)	" " (1154.1)	" (1145)
Sho	Black and white wrapped tree	" " (1659.4)	" 40 (621.5)	"
		" " (190.0)	" 40 (876.2)	"
		" " (1839.9)	" 41 (364.0)	"
		" " (9.5)	" 41 (1133.7)	"
		" " (54.5)	" 42 (67.7)	"
		" " (172.5)	" 41 (543.1)	"
		" " (1676.9)	" 40 (954.3)	"
		" " (75.1)	" 40 (1448.0)	"
		" " (1774.3)	" " (49.4)	"
		" " (288.0)	" " (890.0)	"
		" " (1561.4)	" " (607.4)	"
		" " (381.3)	" 41 (780.0)	"
		" " (1468.1)	" " (717.4)	"
		" " (463.5)	" " (125.8)	"
		" " (1385.9)	" " (1371.6)	"
		" " (433.5)	" " (1479.4)	"
		" " (1415.9)	" " (18.0)	"
		" " (606.6)	" 40 (961.4)	"
		" " (1242.8)	" 41 (536.0)	"
		" " (672.9)	" 42 (57.7)	"
		" " (1176.5)	" 41 (1439.7)	"
		" " (715.0)	" 41 (336.3)	"
		" " (1134.4)	" 41 (1161.1)	"

SIGNAL	DESCRIPTION	LAT	LONG	R-recoverable NR-not
Lum	White wrapped tree	36-17 (792.3) (1057.1)	76-41 (847.1) (1002.3)	NR
Vil	Red and white wrapped tree	" " (914.6) (934.8)	40 (1072.8) (424.6)	"
Ear	White wrapped tree	" " (1057.4) (792.0)	41 (411.5) (1085.9)	"
Bur	Red wrapped tree	" " (1088.1) (761.3)	41 (762.0) (735.4)	"
Di	White diamond banners	" " (1164.6) (684.8)	42 (93.0) (1404.4)	"
Peb	White wrapped tree	" " (1237.0) (612.4)	40 (1200.9) (296.5)	"
Com	White banners on tree	" " (1312.2) (537.2)	41 (574.1) (923.3)	"
Cross	White banners on tree	" " (1332.6) (516.8)	42 (248.8) (1248.6)	"
Fire	White diamond banners	" " (1415.7) (433.7)	40 (1335.2) (162.2)	"
Care	White wrapped tree	" " (1516.8) (332.6)	42 (624.2) (873.2)	"
Line	White wrapped tree	" " (1706.3) (143.1)	42 (920.5) (576.9)	"
Lib	White wrapped tree	18 (00.0) (1849.4)	40 (1416.9) (80.5)	"
Rin	White banner on tree	17 (1788.2) (61.2)	" (1226.9) (270.5)	"
Buzt	Red wrapped tree	18 (54.3) (1795.1)	" (975.2) (522.2)	"
Can	White wrapped tree	" (187.2) (1662.6)	" (1152.3) (344.7)	"
Mete	Red wrapped tree	" (198.2) (1651.2)	" (1393.0) (104.0)	"
Pond	Black and white wrapped tree	" (270.0) (1579.4)	41 (66.6) (1430.4)	"
Pip	Red wrapped tree	" (400.0) (1449.4)	" (75.2) (1421.8)	"
John	White banners on tree	" (513.8) (1335.6)	" (116.5) (1380.5)	"
Klig	Red and white wrapped tree	" (144.6) (1704.8)	" (183.1) (1313.9)	"
Pete	White banners on tree	" (78.0) (1771.4)	42 (1181.2) (315.8)	"
Bin	White wrapped tree	" (163.6) (1685.8)	41 (350.0) (1147.0)	"
Kid	Red banners on tree	" (507.0) (1342.0)	42 (332.0) (1164.0)	"
Sail	White tripod	" (505.5) (1343.9)	41 (1371.6) (125.4)	"
Mac	Black and white wrapped tree	350 (337.5) (1511.9)	3470 (174.5) (1502.3) 43	845 (1222.5) 1412.5
Mode	White wrapped tree	" (563.8) (1285.6)	" (372.2) (1124.8)	"

SIGNAL	DESCRIPTION	LAT	LONG	R-recoverable NR-not "
Fir	White flag	36-18 (658.2 1191.2)	76-42 (611.5 885.5)	NR
Bag	White banners on tree	" (871.2 978.4)	43 (524.8 972.2)	"
Sot	Red and white wrapped tree	" (1023.4 826.0)	42 (937.0 560.0)	"
Dek	Black and white wrapped tree	" (1184.1 665.3)	43 (733.8 763.2)	"
Il	Red wrapped tree	" (1212.8 636.6)	42 (1219.0 178.0)	"
Farm	Black and white tripod	" (1638.4 211.0)	43 (948.4 548.6)	"
Wate	White banners on tree	" (1691.4 158.0)	" (204.5 1292.5)	"
Tub	Red banners on tree	36-19 (237.3 1612.1)	" (517.4 979.6)	"
Raze	White wrapped tree	" (312.2 1537.2)	" (1414.0 83.2)	"
Rek	Stack on wreck	" (387.2 1462.2)	" (1471.6 25.4)	"
Got	Red and white wrapped tree	" (462.2 1387.2)	" (744.5 752.5)	"
Lite	White wrapped tree	" (722.2 1127.2)	" (1109.5 387.5)	"
New	Red and white wrapped tree	" (521.5 1327.9)	44 (284.5 1212.5)	"
King	Red wrapped tree	" (665.8 1183.6)	" (540.5 956.5)	"
Lo	White banners on tree	" (883.8 965.6)	" (767.4 729.6)	"
Val	White wrapped tree	" (1141.9 707.5)	" (65.7 1413.3)	"
Fat	Red banners on tree	" (1087.4 762.0)	" (821.5 675.5)	"
Log	Red wrapped tree	" (1492.8 356.6)	" (147.8 1349.2)	"
In	White wrapped tree	" (1695.4 153.5)	" (1282.1 214.6)	"
Nat	Red and white wrapped tree	" (1833.2 16.2)	" (263.3 1233.4)	"
Bar	White wrapped tree	36-20 (125.1 1724.3)	" (681.5 815.2)	"
Hart	Red and white wrapped tree	" (116.1 1733.3)	" (1456.9 39.8)	"
Egg	Red wrapped tree	" (556.4 1093.0)	" (1026.4 470.0)	"
Fly	Red wrapped tree	" (887.3 962.1)	76-45 (477.4 1019.0)	"
Leaf	Red and white wrapped tree	" (1240.6 608.8)	" (80.6 1415.8)	"
Mil	White wrapped tree	" (1639.4 210.0)	" (364.2 1132.2)	"

SIGNAL	DESCRIPTION	LAT	LONG	R-recoverable NR-not "
Ku	Black and white wrapped tree	36-18 (1366.6)	76-41 (704.0)	NR
		482.8	793.0	
Sil	Red wrapped tree	" (1256.8)	" (500.0)	"
		592.6	997.0	
Won	Red and white wrapped tree	" (1035.1)	" (293.1)	"
		814.3	1203.9	
Mat	White wrapped tree	" (899.4)	" (43.5)	"
		950.0	1443.5	
Fobl	Red wrapped tree	" (755.3)	76-42 (1357.0)	"
		1094.1	140.0	
Day	White banners on tree	" (636.6)	" (1321.9)	"
		1212.8	175.1	
Clot	Red wrapped tree	" (506.3)	" (1331.8)	"
		1343.1	165.2	
Net	White wrapped tree	" (362.0)	" (1341.5)	"
		1487.4	155.5	
Rope	Black and white wrapped tree	" (124.5)	" (1310.2)	"
		1724.9	186.8	
Pit	Red wrapped tree	36-19 (1849.4)	" (1247.0)	"
		00.0	250.0	
Grin	White wrapped tree	" (1696.3)	" (1125.4)	"
		153.1	371.3	
Map	Red and white wrapped tree	" (1549.4)	" (968.3)	"
		300.0	528.4	
Jel	Red and white wrapped tree	" (1435.3)	" (874.7)	"
		414.1	622.0	
Straw	White wrapped tree	" (1352.9)	" (800.2)	"
		496.5	696.5	
Bog	Black and white wrapped tree	" (920.0)	" (866.7)	"
		929.4	630.0	
Stew	Red and white wrapped tree	" (734.3)	" (793.7)	"
		1115.1	703.0	
Led	White wrapped tree	" (576.4)	" (793.7)	" ⁷⁹⁸ (698)
		1273.0	703.4	
Her	Red and white wrapped tree	" (500.0)	" (954.3)	"
		1349.4	542.4	
Folk	Black and white wrapped tree	" (390.0)	" (734.7)	"
		1459.4	762.0	
Wil	Red wrapped tree	" (541.5)	" (572.0)"	"
		1307.9	924.7	
Yum	White wrapped tree	" (997.0)	" (690.0)	"
		852.4	806.7	
Mex	Red wrapped tree	" (1183.1)	" (534.6)	"
		666.3	962.1	
Ole	Red and white wrapped tree	" (1317.9)	" (590.0)	"
		531.5	906.7	
Sin	Red flag	36-18 (640.0)	" (1154.7)	"
		1209.4	342.0	
Ag	White flag	" (775.7)	" (1207.0)	"
		1073.7	290.0	
Ro	Red flag	" (938.0)	" (1284.5)	"
		911.4	212.5	

SIGNAL	DESCRIPTION	LAT	LONG	R-recoverable NR-not "
Sag	White banners on tree	36-20 970.0 (n879.4) 1121.3	76-45 696.3 (800.1) 811.6	NR
Dun	Red wrapped tree	" (728.1) 1392.4	" (684.8) 1041.2	"
Pik	Red and white wrapped tree	" (457.0) 1736.9	" (455.2) 1193.8	"
Hoss	White wrapped tree	" (112.5) 1811.1	" (302.6) 1313.4	"
Sad	Red flag	" (38.2) 1785.9	" (183.0) 1835.4	"
Col	White flag	" (63.5) 1664.0	" (14.0) 59.2	"
Ive	Red and white flag	" (185.4) 1369.4	76-46 (1437.2) 306.3	"
Nig	Red and white wrapped tree	" (480.0) 1131.6	" (1190.0) 507.2	"
Lost	White wrapped tree	" (717.8) 861.5	" (989.2) 603.5	"
Leg	Red wrapped tree	" (987.9) 460.0	" (892.9) 612.5	"
Shak	Boat house	" (1389.4) 392.0	" (883.9) 506.6	R
Sing	White wrapped tree	" (1457.4) 270.0	" (989.8) 390.0	NR
But	Red wrapped tree	" (1579.4) 114.7	" (1106.4) 241.0	"
Nek	Red and white wrapped tree	" (1734.7) 886.8	" (1255.4) 288.0	"
Bus	Red and white tree	36-19 (982.6) 1074.2	" (1208.4) 174.4	"
Cab	White wrapped tree	" (775.2) 1265.4	" (1322.0) 196.2	"
Rat	Red wrapped tree	" (584.0) 1474.7	" (1300.2) 300.0	"
Dig	Red and white wrapped tree	" (374.7) 1613.2	" (1196.4) 427.6	"
Rit	White wrapped tree	" (236.2) 1705.3	" (1068.8) 690.0	"
Lee	Red wrapped tree	" (144.1) 1625.4	" (806.7) 941.2	"
Ale	Red and white flag	" (224.0) 1421.2	" (555.5) 916.7	"
Wen	Red banners on tree	" (428.2) 1116.2	" (580.0) 808.3	"
Pint	Red and white wrapped tree	" (733.2) 842.3	" (688.4) 838.2	"
Wit	Red and white flag	" (1007.1) 516.5	" (658.5) 1009.8	"
Sap	Red and white wrapped tree	" (1332.9) 754.0	" (486.9) 1196.7	"
Tan	White wrapped tree	" (1095.4)	" (300.0)	"

SIGNAL	DESCRIPTION	LAT	LONG	R-recoverable NR-not
Lik	Red wrapped tree	36-19 (1008.1)	76-46 (13.2)	NR
Trey	Red and white wrapped tree	687 487.5 (1160) (1361.9)	76-47 (1346.7)	NR (1349)
Ace	Red flag	" (1273.9)	" (1181.0)	"
Hut	E'ly gable house	" (1349.4)	" (1128.7)	R
At	White banner	" (1408.4)	" (1188.5)	NR
Star	Red wrapped tree	" (1726.4)	" (1211.5)	"
Lone	White wrapped tree	36-18 (154.5)	" (962.7)	"
Ul	White banner on tree	" (263.5)	" (830.5)	"
Tern	Red wrapped tree	36-19 (1795.3)	" (517.1)	"
By	Red and white wrapped tree	" (1641.9)	" (604.0)	"
Was	White wrapped tree	" (1367.2)	" (583.0)	"
En	Red and black wrapped tree	" (1374.1)	" (344.0)	"
Aye	Red wrapped tree	" (1484.4)	" (297.3)	"
Gage	Red and white wrapped tree	" (1616.1)	76-48 (1182.7)	"
Pa	Red banner on tree	" (1496.4)	" (1037.7)	"
Shot	Red and black wrapped tree	" (1487.3)	" (886.7)	"
Tee	Black and white wrapped tree	" (1487.4)	" (723.6)	"
Pat	Red wrapped tree	" (1479.4)	" (524.5)	"
Hel	Red and white wrapped tree	" (1522.0)	" (424.2)	"
Ire	Black and white wrapped tree	" (1355.2)	76-49 (1407.7)	"
Bo	Red wrapped tree	" (1505.9)	" (1292.8)	"
Ped	White wrapped tree	" (1592.8)	" (1189.4)	"
Cog	Red and white wrapped tree	" (1717.4)	" (1175.2)	"
Ho	Black and white wrapped tree	36-18 (55.8)	" (937.0)	"
Rat	White wrapped tree	36-19 (1823.9)	" (881.5)	"

SIGNAL	DESCRIPTION	LAT	LONG	R-recoverable NR-not "
		108.0	700.0	
Sue	White wrapped tree	36-19 (1741.4)	76-49 (796.7)	NR
		1679.4	464.7	
Hal	White wrapped tree	36-18 (170.0)	" (1032.3)	"
		1697.4	314.7	
Wye	Black and red wrapped tree	" (152.0)	" (1182.3)	"
		1787.4	247.5	
Nil	Red banners on tree	" (62.0)	" (1249.5)	"
		165.5	76-48 (1479.0)	
Did	White banners on tree	36-19 (1683.9)	(-17.0)	"
		112.0	1364.9	
Ni	Black and red wrapped tree	" (1737.4)	" (131.8)	"
		162.7	1189.0	
Due	Red banners on tree	" (1686.7)	" (307.0)	"
		28.8	310.0	
Pan	Red wrapped tree	" (1820.6)	" (1186.7)	"
		1353.9	266.5	
Flo	Black and white wrapped tree	36-18 (143.1)	" (1230.5)	"
		1787.4	93.0	
Brag	Black and red wrapped tree	" (82.0)	" (1404.0)	"
		56.4	1373.3	
Liz	Red banners on tree	36-19 (1793.0)	76-47 (123.4)	"
		171.0	1256.7	
Gin	Red and white wrapped tree	" (1678.4)	" (240.0)	"
		1791.4	1088.7	
Fil	White wrapped tree	36-18 (58.0)	" (408.3)	"
		1574.9	1159.5	
Awl	Red and white wrapped tree	" (274.5)	" (337.5)	"
		1490.7	1037.0	
Oat	W'ly gable of boat shed	" (358.7)	" (460.0)	R
		1505.3	887.0	
Van	N'ly gable Galv. iron roof shed	" (344.1)	" (610.0)	"
		1521.4	807.4	
Roof	W'ly gable red roof	" (328.0)	" (689.6)	"
		1785.9	316.5	
Lug	Red and white wrapped tree	" (63.5)	" (1180.5)	NR
		286.0	145.5	
Bed	White banners on tree	36-19 (1563.4)	" (1351.2)	"
		457.6	73	
Ril	Red banners on tree	" (1391.8)	" (1412.9)	(1423)
		506.0	185.0	
On	Red and white wrapped tree	" (1343.4)	" (1311.7)	"
		294.9	1050.2	
Dot	Red wrapped tree	" (1554.5)	76-46 (446.5)	"
		257.6	906.7	
Daw		" (1591.8)	" (590.0)	"
		377.2	680.5	
Po	White wrapped tree	" (1472.2)	" (816.2)	"
		561.3	613.8	
Bac	Red and white wrapped tree	" (1288.1)	" (883.2)	"

Signal	Description		Lat.	Long.	
			1257.2	745.2	
Ran	White wrapped tree	36 - 19	(592.2)	76 - 46	(751.8) Not recoverab
			730.0	453.7	
Is	Red wrapped tree		(1119.4)	(1043.3)	"
			532.0	352.4	
Pun	White wrapped tree		(1317.4)	(1144.6)	"
			372.5	176.0	
Us	Red banners on tree		(1476.9)	(1320.7)	"
			333.0	1492.7	
Tab	Red and white wrapped tree		(1516.4)	76 - 45	(04.0) "
			433.7	1262.3	
Dan	Red wrapper tree		(1415.7)	(234.4)	"
			551.0	1102.7	
Me	White wrapped tree		(1298.)	(394.0)	"
			940.7	1130.4	
Bud	Red and white wrapped tree		(908.7)	(366.3)	"
			1285.8	1181.4	
Imp	Red wrapped tree		(563.6)	(315.3)	"
			1816.7	1373.0	
Et	Red and white flag		(32.7)	(123.7)	"
			111.1	43.8	
Les	White wrapped tree	36 -20	(1738.3)	76 - 46	(1452.9) "
			586.8	36.5	
Sek	ditto		(1262.3)	(1460.2)	"
			1312.1	1373.0	
Hob	Red wrapped tree		(537.3)	76 - 45	(123.4) "
			1520.0	1391.0	
Rad	Red and white wrapped tree		(329.4)	(105.4)	"
			914.3	841.4	
For	White wrapped tree		(935.1)	(655.0)	"
			836.1	734.2	
Ape	Red and white wrapped tree		(1013.3)	(762.2)	"

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

4676

Field No. A

REGISTER NO. **4676**

State North Carolina

General locality Chowan River

Locality White Ldg.,
~~Bull Pond Point~~ to Wiccacon Creek

Scale ^{10,000}/_{20,000} Date of survey March--April, 192³²

Vessel M. V. NATOMA

Chief of Party C. A. Egner

Surveyed by William F. Deane

Inked by William F. Deane

Heights in feet above.....to ground to tops of trees

Contour, Approximate contour, Form line interval.....feet

Instructions dated January 21, 192³²

Remarks:.....