

83  
STA  
3387

3387

C. & G. SURVEY,  
LIBRARY AND ARCHIVES  
MAY -7 1913  
Acc. No. ....

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

Superintendent.

State: *N.C.*

DESCRIPTIVE REPORT.

*Top.* Sheet No. *3387*

LOCALITY:

*Beaufort Hbr.*

1913

CHIEF OF PARTY:

*J. B. Boutelle*

11-464

3387

Descriptive Report to Accompany Topographic Sheet No. 3387

Beaufort Harbor and Vicinity, North Carolina.

Morehead City to Harkers Island.

1913

==+--+--+--+--+--+--+==

C. & G. SURVEY,  
LIBRARY AND ARCHIVES  
MAY-7 1913  
Acc. No. ....

Method of Survey: The stations New Macon Ast., Town Marsh, Lynch and Willis Bluff 2 were recovered and from these triangulation was extended over the area covered by this sheet.

All outside shore lines and those of creeks of any size were run by the plane table. Interior creeks and sloughs through the marshes were determined by sextant angles and sketch book and plotted on the sheet. Very little change in the shore line was found, that is, as well as could be determined from the published chart. A comparison with the previous original topographic sheet will show what changes have occurred. The topography was executed by Mr. F.B.T. Siems, Assistant, Mr. H. Rae Bartlett, Aid, and by J.B. Boutelle, Assistant and Chief of Party. The sheet was partially inked over a small area by Mr. Siems and completed by J.B. Boutelle.

For general information in regard to the towns of Beaufort and Morehead City, I would refer to House Doc.No 1454, 60th Congress 2nd Session and to House Doc. Nos. 649 and 511, 61st Congress 2nd Session, sent ~~here-~~  
*with with hydrographic sheet of same locality.*

Topographic statistics for this sheet are as follows:

Main shore line, statute miles	-----	84
Creeks and sloughs, " "	-----	70
Area, approximate sq. " "	-----	18

Respectfully submitted,



Assistant, C. & G. Survey,  
Chief of Party.

1.

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY  
Form 28

To accompany Topographic Sheet No.

3387

GEOGRAPHIC

C. & G. SURVEY,  
LIBRARY AND ARCHIVES  
MAY - 7 1913  
Acc. No. 7312 Datum.

Locality

Beaufort Harbor and vicinity, North Carolina.

11-576

STATIONS.		LATITUDE.			Seconds in Meters.	LONGITUDE.			Seconds in Meters.
		°	'	"		°	'	"	
New Macon Ast.	1886-1913	34	41	47.105	1451.5	76	40	44.678	1137.1
Lynch	1886-1913	34	42	30.112	927.9	76	37	33.478	852.0
Willis Bluff 2	1908-1913	34	41	56.226	1732.5	76	34	53.868	1371.3
Town Marsh	1886-1913	34	42	44.98	1386.1	76	40	04.10	104.3
Guthrie 3	1913	34	42	47.177	1453.8	76	39	20.565	523.2
Coon	1913	34	41	10.344	318.7	76	38	52.398	1333.8
Morehead City, tall water tank	1913	34	43	16.717	515.0	76	42	31.717	807.1
Tom	1913	34	40	58.293	1796.1	76	37	34.428	876.4
Money	1913	34	42	07.861	242.2	76	43	14.126	359.5
Oak	1913	34	43	12.327	379.8	76	43	42.991	1093.9
Lump	1913	34	42	24.432	752.8	76	44	53.963	1373.3
Ruin	1913	34	44	49.190	1515.7	76	42	11.315	287.8
Rock		34	43	24.226	746.5	76	40	16.756	426.3
Gallant		34	44	02.340	72.1	76	40	14.450	367.6
Bull		34	40	18.160	559.6	76	35	20.436	520.3

Do not write in this margin.

## GEOGRAPHIC

*Locality*

Beaufort Harbor and vicinity, North Carolina.

*Datum.*

4-576

STATIONS.	LATITUDE.			Seconds in Meters.	LONGITUDE.			Seconds in Meters.	
	°	'	"		°	'	"		
Fish	34	42	29.764	917.1	76	36	58.415	1486.5	
Hark	34	42	47.685	1469.5	76	35	12.017	305.8	
North	34	45	06.305	194.3	76	37	19.248	489.6	
Ward	34	44	56.326	1735.6	76	35	19.864	505.3	
Steep	34	43	43.510	1340.7	76	37	20.490	521.3	
Pig	34	43	35.126	1083.5	76	34	59.930	1524.8	
Shackleford Pt. Range Front Light	1913	34	41	25.75	793.4	76	39	38.67	984.4
Shackleford Pt. Range Rear Light	1913	34	41	55.85	1720.9	76	39	11.26	286.6
Bird Island Range Front Light	1913	34	41	50.74	1563.5	76	39	59.31	1510.5
Bird Island Range Rear Light	1913	34	42	13.08	421.5	76	39	49.10	1249.6
Shark Shoal Light	1913	34	42	17.62	542.9	76	40	42.56	1083.0
Reids Creek Light	1913	34	42	50.31	1550.2	76	40	44.82	1140.6
Middle Marshes Light	1913	34	42	01.22	37.6	76	37	02.71	68.1
Shepherd Shoal Light	1913	34	42	17.88	551.0	76	35	48.52	1234.7
North River Light	1913	34	42	57.85	1782.6	76	35	19.11	486.3

Do not write in this margin.

## GEOGRAPHIC

*Locality*

Beaufort Harbor and vicinity, North Carolina.

*Datum.*

11-576

STATIONS.	LATITUDE.			Seconds in Meters.	LONGITUDE.			Seconds in Meters.	
	°	'	"		°	'	"		
✓ Log Slough Light	34	45	19.61	604.4	76	41	22.13	556.0	
✓ Russells Creek Light	34	45	27.74	855*	76	40	25.87	658*	
✓ Newport Marshes Upper Light	34	44	21.66	667.5	76	40	54.18	1378.2	
✓ Core Creek Range Front Light	34	46	17.10	527*	76	41	09.00	229*	
✓ Core Creek Range Rear Light	34	46	06.98	215*	76	41	08.53	217*	
Range Tower, Red	1913	34	42	48.38	1490.8	76	39	31.75	807.9
Range Tower, White	1913	34	42	24.67	760.2	76	38	44.96	1145.1
Beaufort Court House, Finial of Cupola,	1913	34	43	10.94	337.1	76	39	46.35	1179.4
Beaufort Elec. Lt. Works, Tall black stack,	1913	34	43	04.35	134.0	76	39	19.04	484.5
Biol. Station, Wireless Pole, East,	1913	34	43	07.71	237.6	76	40	18.25	464.4
Biol. Station, Wireless Pole, West,	1913	34	43	08.79	270.9	76	40	22.70	577.6
Biol. Station, East Cupola,	1913	34	43	09.53	293.6	76	40	20.34	517.5
Biol. Station, West Cupola,	1913	34	43	09.53	293.6	76	40	21.28	541.5
Gallant Pt. Fish Factory, Tall Stack,		34	43	49.23	1517.2	76	40	07.06	179.6
White House, East Gable		34	44	12.48	384.6	76	42	30.11	766.0

\* Taken from topographic sheet.

Do not write in this margin.

## GEOGRAPHIC

*Locality*

Beaufort Harbor and vicinity, North Carolina.

*Datum.*

11-676

STATIONS.	LATITUDE.			Seconds in Meters.	LONGITUDE.			Seconds in Meters.
	°	'	"		°	'	"	
Morehead City, M.E. Zion Church, 1913	34	43	20.73	638.8	76	43	06.98	177.6
Galv. Iron Smoke Stack 1913	34	43	19.62	604.6	76	43	57.32	1458.5
Carolina City White Tank 1913	34	43	36.21	1115.7	76	45	10.25	260.8
Mid, Flag in tree, 1913	34	41	18.01	545.0	76	36	45.99	1170.7
Fish Factory Tall Stack 1913	34	42	27.88	859.1	76	37	05.78	147.1
Shed, Southwest Corner 1913	34	40	56.42	1738.5	76	36	42.12	1071.2
Penn (Penn Lumber Company's tallest stack) 1913	34	42	39.51	1217.4	76	36	58.50	1488.7
L.S.S. Flag Staff, 1913	34	41	45.37	1398.0	76	40	49.59	1262.1
Station "C" U.S.E.	34	42	27.21	838.4	76	41	35.03	891.5
Morehead City R.R. Water Tank 1913	34	43	12.12	373.5	76	41	53.00	1348.6
Newport River Range No.1 Rear	34	45	48.06	1481*	76	40	15.02	382*
Newport River Range No.1 Front	34	45	36.41	1122*	76	40	19.97	508*
Newport River Range No.2 Rear	34	44	35.76	1102*	76	39	40.88	1040*
Newport River Range No.2 Front Gallants Channel Range No2 Fr.)	34	44	53.09	1636*	76	39	55.22	1405*
Gallants Channel Range No2 Rear	34	45	08.83	272*	76	39	42.10	1071*
Gallants Channel Range No1 Front	34	44	24.79	764*	76	40	07.90	201*
Gallants Channel Range No1 Rear	34	44	12.56	387*	76	40	04.91	125*

\* Taken from topographic sheet

Do not write in this margin.