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NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Type of Survey .....Topographic.....

Job No. ..... *Map No.* 2635-6.....

Classification No. *Edition No.* .....

LOCALITY

State .....Maryland & Virginia.....

General Locality ...Potomac River.....

Locality .....

.....

1902 TO 1903

REGISTRY IN ARCHIVES

DATE .....December 3, 1903.....

☆ U.S. GOVERNMENT PRINTING OFFICE: 1972-760-593

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Treasury Department,
U. S. COAST AND GEODETIC SURVEY.

O H Tittmann
Superintendent.

State: Md & Va

DESCRIPTIVE REPORT.

Topographic Sheet No. 2635-6

LOCALITY:

Potomac River

1902-3

CHIEF OF PARTY:

S Stehman Forney

2636
2635

FORM 167.

Treasury Department,

COAST AND GEODETIC SURVEY,

Washington, D. C., Dec. 4, 1903

Respectfully { ~~returned~~ ~~referred~~ forwarded } to Inspector of Hydr + Topog.

This does not concern the Computing Division. — purely topograpic matter.

A. L. B.

Ant. in charge

I think this would be suitable with the Description report

H.E.O.

Dec 4. 03

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Descriptive report of Original Plane Table Sheet. Resurvey of Potomac River Lower Cedar Point to River Side Md. and Rosier Point to Stuart Δn Station Va. Scale 1/20,000. Surveyed from July 11th 1902 to March 25th 1903.

The shore line of the Potomac River on the Maryland side, from Lower Cedar Point to Chapel Point at the mouth of Port Tobacco Creek, is composed of steep bluffs, ranging from ten to one hundred and thirty feet in height above mean High Water, with here and there large valleys making in land from the shore, covered with a dense growth of oak pine and chestnut timber, at intervals there are fine productive farms improved and cultivated. From the tops of the bluffs and hills along this stretch of river, are many points where commanding views can be had down the river as far as Nomini Bluffs, Va., and up river as far as Metompkin Point Va. Mount Aiwi

is the most prominent point in this locality. The Popes Creek branch of the Baltimore and Potomac Rail Road terminates south of the mouth of Popes Creek which an insignificant stream. From the mouth of Pat-Tobacco Creek to Blossom Point at the mouth of Nan-Jemmy Creek Md. is low and somewhat marshy, and thickly wooded with Oak Pine and Chestnut timber, there are several good productive farms well cultivated and improved on this stretch of country. The shores of Pat-Tobacco Creek from Chapel Point and Brents Plantation to the old town of Pat-Tobacco are high and steep backed by a rolling country partly wooded with Oak Pine and Chestnut timber, with here and there small well cultivated farms. The hill upon which the Brent-Mansion is situated has a commanding view up and down the River. The Creek from Chapel Point to Pat-Tobacco, is shallow and only navigable for small boats,

except at Chapel Point and Brents where there is a good wharf at each place, The Randall boats make regular landings here three times a week, There is a large comfortable Summer hotel at Chapel Point surrounded by beautiful grounds covered with grand old trees, I spent the months of July August and September there. and found it a very pleasant comfortable and healthy location, entirely free from mosquitos, with refreshing breezes every night,

Nanjemoy Creek, from its mouth to Hill Top and South West Forks you can carry about five feet of water at low water, The shores are comprised of low bluffs and marsh, with here and there small farms under fair cultivation, at River Side Md. there is a substantial wharf where the Randall and Neem's Line of boats make regular landings, The Public and private roads on the Maryland side of the river from Lower Cedar Point

to River Side are fair during the Summer and Autumn, but very heavy and bad during Winter and Spring months, Tobacco of a Superior Quality is the principal Crop raised in the Country boarding on the Maryland Side of the River from Lower Cedar Point to River Side, Corn and Wheat are also successfully grown, Fishing is carried on at Wind Mill Point = Upper Cedar Point - Nanjemoy Creek and River Side,

Very little changes in the Shore line of the River and Creeks have taken place since the last Survey of 1861-62 and 63.

The Shore on the Virginia Side of the Potomac River from Rosier Point along the South Side of Upper Machodoc Creek is comprised of Steep Bluffs rangering from ten to Seventy feet above mean high water and is thickly wooded with pine and oak timber, here and there are cultivated farms not very productive, The Shore from the North Side of Upper Machodoc Creek to Mathias Point -

is comprised of low bluffs from fire to twenty feet above mean High Water, and small extents of Marsh, The Country continues low to the foot-hills two miles in from the river, where it rises abruptly to a height of eighty feet, and one hundred feet above mean High Water, This portion of the Country in places is thickly wooded with Pine-Oak and Chestnut timber, with here and there cultivated farms, and peach and apple orchards, The roads in this locality are watched and in prime condition at all seasons of the year, From Mathias Point to Aviard Dn Station Va, The Shore is comprised of steep bluffs ranging from twenty to one hundred and twenty feet in height above mean high water, at Yotank Creek there is an extensive swamp making up in to the interior about one mile, The Country along the bluff line is thickly wooded with Pine and Oak timber, The land back of the bluff line is

is cultivated. Fishing is carried on in Upper Machodoc Creek, and along the Shore of the River to Jotank Creek, Considerable oyster dredging is carried on off Upper Machodoc Creek and Lower Cedar Point. There are three whaves in Upper Machodoc Creek, one at Lower Cedar Point and one at Mathias Point where the Randall Lots make regular landings all the year round,

The Public and private roads on the Virginia Side of the River from Rivier Point to Stewarts Δn Station are in a delapidated condition. During the Winter and Spring they are almost impossible,

Very little changes have taken place in the Shore line on this side of the River since the last Survey of 1861-62 & 63, except at Mathias and Persimmon Points and some of the bluff line along the River Shore, and in Upper Machodoc Creek has washed away. The contouring was carried to the outside limits of the

dense timber by Plane Table determinations. Through the timber the Contours were Sketched in, The heights are given in feet and Show the elevation above Mean High Water, at Mathias Point - Brents - Chapel Point - and Riverside Wharves, The Contours are Shown in red and indicate the heights for every twenty feet difference of elevation, The broken red lines Show the intermediate curves of ten feet,

The topographical signals in the Creeks, were determined by a Plane Table triangulation carried up from the Secondary triangulation Stations on the River,

A list of approximate Geographical positions, Scaled from the original Plane table Sheet, Scale 1/20,000, and Sketches and descriptions of Topographical Signals & Stations, accompanies this discriptive report,

Respectfully Submitted
Stetsman Forney,
Asst. C & G. Survey.
Chief of Party,

Approx. Geographical Positions of Topog. Signals.
Scaled from Topog. Sheet, Lower Cedar Pt. to Nanjemoy Creek
Potomac River Md. & Va.

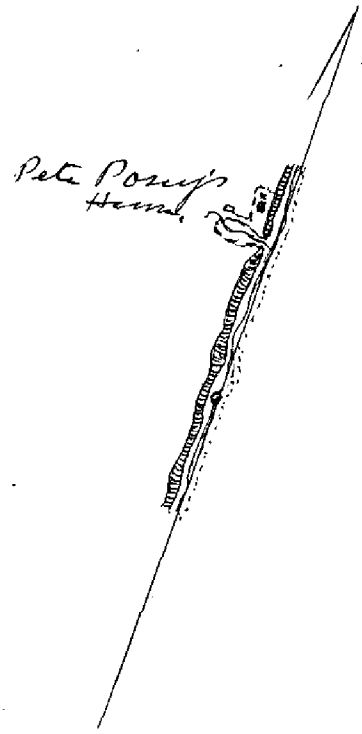
Topographical Stations	Latitude 0. 1	in Metres	Longitude 0 - 1	in Metres.
√ Posey Sta. West Shore Nanjemoy Cr.	38.24	362	77.07	900
√ Benney Gray's Point " Cr.	38.24	830	77.07	614
√ Bluff Point, West Shore " "	38.25	840	77.07	500
√ Tanner's Point " " " "	38.25	1742	77.07	349
√ Branch " " " "	38.26	10.91	77.07	160
√ Flag in Dead Tree South " "	38.26	13.10	77.07	623
√ Cabin South Shore " "	38.26	12.70	77.07	1115
√ Left " " " "	38.27	130	77.09	8
√ Stream West " " "	38.27	820	77.09	10
√ Double East " " "	38.27	592	77.08	760
√ Marsh Point, North " " "	38.26	1750	77.07	920
√ Flag in Apple Tree, " " "	38.27	130	77.06	1331
√ Arm, East Shore " "	38.26	1650	77.06	512
√ King, " " " "	38.25	1770	77.06	766
√ Blossom " " " "	38.24	1004	77.06	980
√ Nanjemoy North Shore Potomac Ri	38.24	690	77.06	620
√ Ventilator Posey's Barn,	38.27	910	77.01	605
Ventilator Barn,	38.27	393	77.00	1220
Chimney of House, Mt. Airy	38.26	145	77.00	490
Hydrographic Sta. Beaboo's Pt. Upper Machodoc Cr.	38.18	1070	77.01	170
Stub. Topog. Sta.	38.27	575	77.01	870

Posey Topog. Station

Department of Commerce and Labor

U.S. C&G. Survey. June 1902

This station is located at high water mark on the west of entrance to Sanjemoy Creek just above Pete Posey's house, which stands on the bluff. Station is marked by a pine stake 2"×2" driven in to the ground one foot. Signal pole is a 2"×2" pine pole supported by four braces with cross ties and braces, has a white lozenge and flag on top. Center of lozenge 7 feet above high water. The usual notice of warning has tacked to the signal pole.



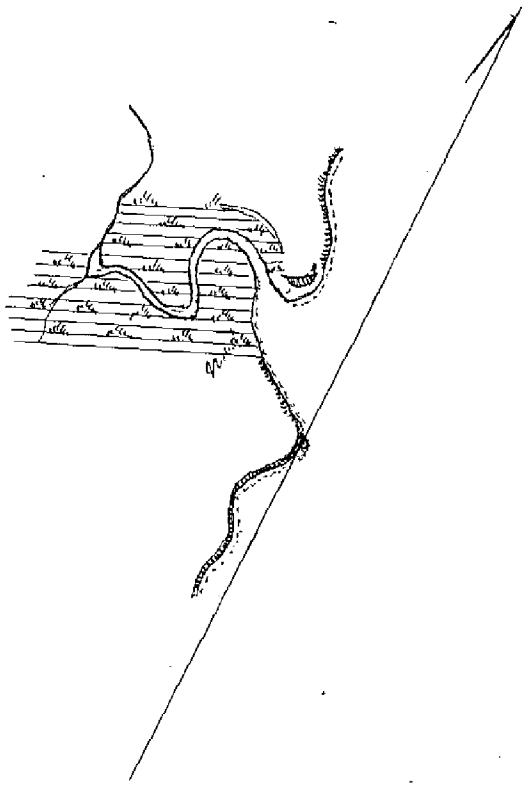
No. 5.
(Ed. 5-18-1903—100,000.)

Department of Commerce and Labor Fenny 1902

U.S. C&G. Survey.

Benney Gray's Point-Topog"

This Station is located at Benney Gray's Point on the West Shore of Nanjemoy Creek Md. near high water mark, Station is marked with a pine stake 2"x2" driven into the ground one foot, Signal is comprised of a pine pole 12 feet long 2"x2" supported by four braces with cross ties and stakes, with white sewage and red flag, Center of sewage is 9 feet above high water mark, The usual notice of warning was tacked to the signal pole.



No. 5.
(Ed. 5-18-1903—100,000.)

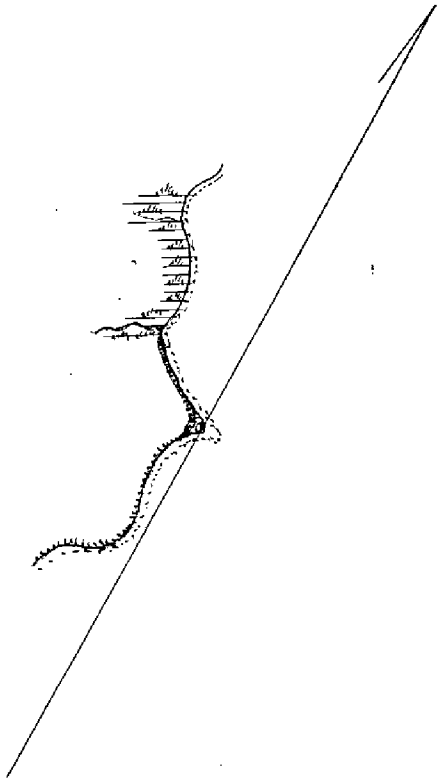
Department of Commerce and Labor

Survey 1902

U.S. C. & G. Survey.

Bluff Point - Topog.

This Station is located at the South Point of the first Creek that makes in to the West Shore of Nanjemoy Creek above Benny Gray's Point. Station is marked by a pine Stub 2"x2" driven in to the ground one foot; Signal is comprised of a pine Pole 12 feet long supported by 3 braces, with cross ties and Stakes, and has a red Lozenge & White flag, Center of Lozenge above high water 9 feet; The usual notice of Warning was tacked to the Signal Pole.



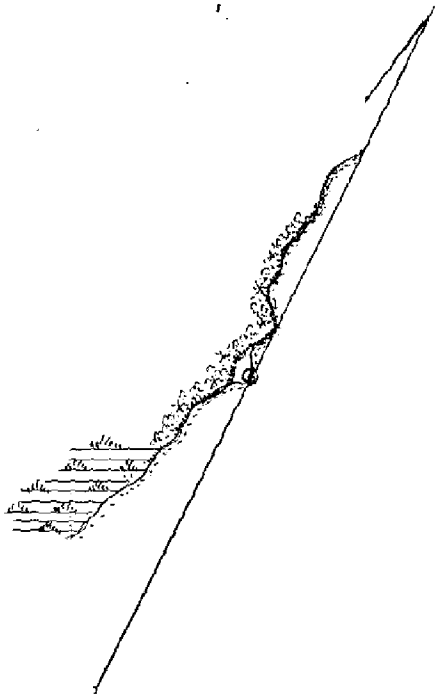
No. 5.
(Ed. 5-18-1903—100,000.)

Department of Commerce and Labor

Tunney 1902

U.S.C.&G. Survey,
Tanners Point, Topog.

This station is located at the first Point (Mark) near high water mark, 1st Marly Point above Bluff Point signal, on the West Shore of Nanjemoy Creek, Md. Signal is comprised of a pine pole 12 feet long 2"×2" supported by three braces with cross ties and stakes, Station is marked by a pine stake 2"×2" driven one foot in to the ground, Signal pole has has a red flag above a white lozenge, Center of lozenge is 7 feet above high water mark, The usual notice of warning was tacked to the signal pole.



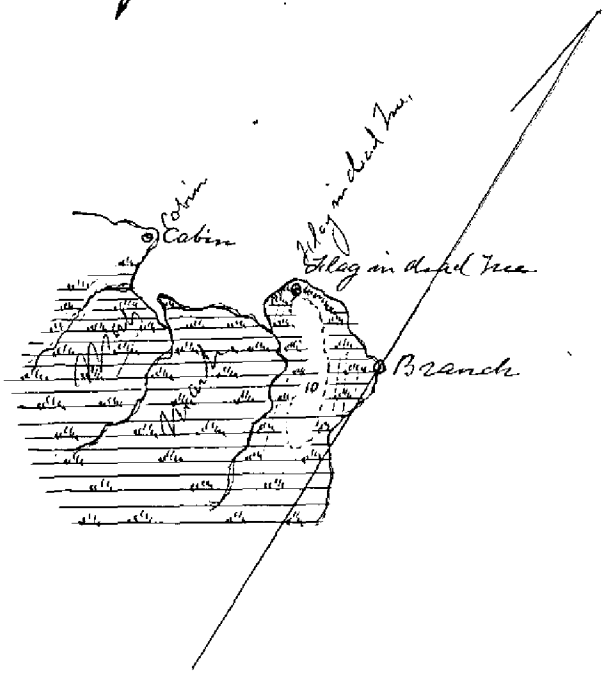
No. 5.
(Ed. 5-18-1903—100,000.)

Department of Commerce and Labor

Fourny 1902

U. S. C. & G. Survey.
Branch, Tofino."

This station is located on the West Shore of Nanjemoy Creek, on a nearly point where Nanjemoy Creek makes the turn to the Westward, Station was marked by a Stub 2"×2" driven in to the ground, This signal is comprised of a pole 12 feet long 2"×2" with a Slot 2"×1" 12 feet long spliced on to it, Supported by three braces with cross ties and Stakes, Signal pole has a white flag above two red lozenges, The usual notice of warning was tacked on to the signal pole,



No. 5.
(Ed. 5-18-1903—100,000.)

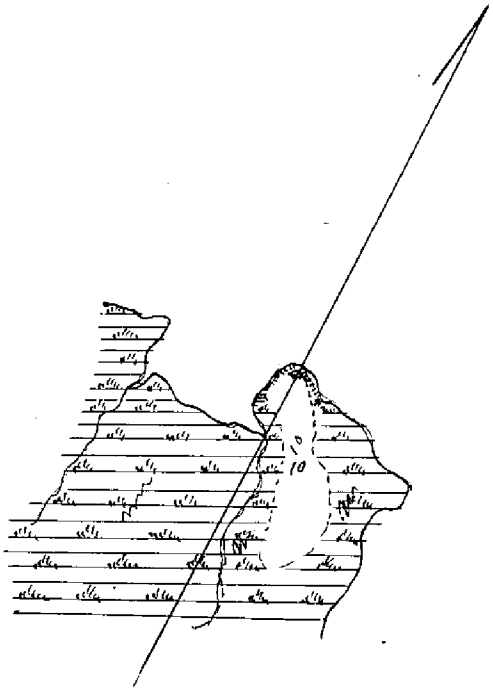
Fourny 1902

Department of Commerce and Labor

U.S. C&G. Survey.

Dead Tree. Tofino.

This station is located on the South Shore of Nanjemoy Creek at the first Point West of Branch Signal. The signal is comprised of a pole with flag and lounge, nailed and lashed in to the top of a dead tree, which stands near a Cedar tree. The usual notice of Warning was tacked on to the dead tree.

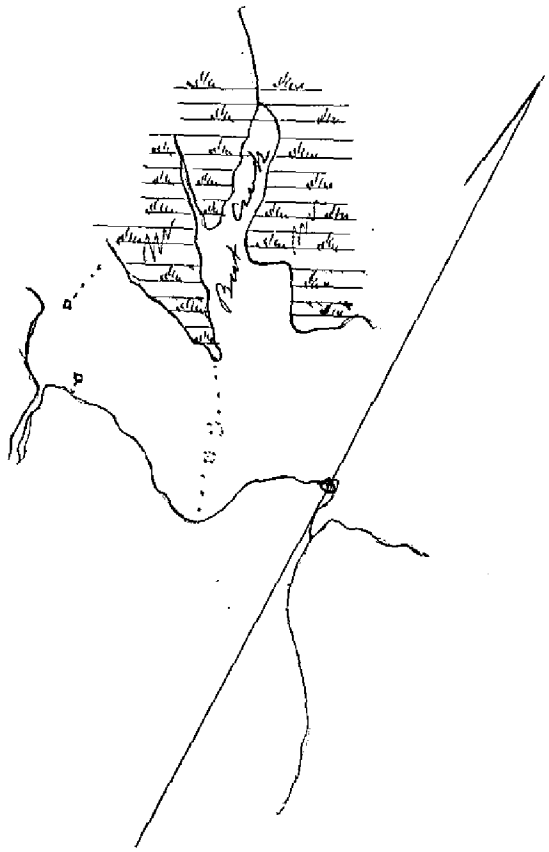


No. 5.
(Ed. 5-18-1903—100,000.)

Department of Commerce and Labor Fourey, 1902

U.S. C. & G. Survey,
Cabin, Topsy,

This Station is located on the South Shore of Nanjemoy Creek Md., at the first Point above Dead Tree signal, and on the Shore above High water, Signal is comprised of a Pine Pole 12 feet long, 2"×2" supported by three braces with cross ties and Stokes, Signal pole has a white flag above red losange, Center of Losange above High water = 8 feet, The usual notice of warning was placed on the Signal Pole,



No. 5.
(Ed. 5-18-1903—100,000.)

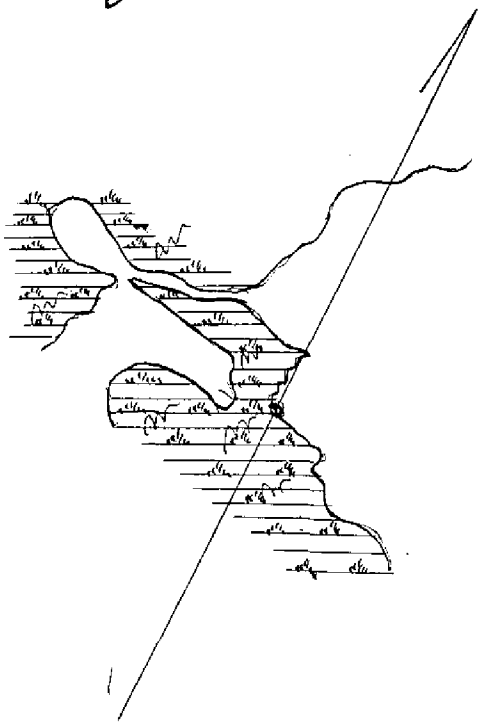
Department of Commerce and Labor

Forney 1902

U.S. C&G. Survey.

Left. Topog.

This station is located on the South Shore of Nanjemoy Creek Md. Just east of the Entrance to the South West Fork of Nanjemoy Creek, on a Marshy Point. The Signal is comprised of a Pine pole 12 feet long 2"×2" Supported by three braces with Cross ties and Stakes, Signal pole has a White Lorange above White flag. Station is marked by a Stub 2"×2" driven into the ground, Center of Lorange above High Water is 9 feet above High Water Mark, The usual notice of warning was tacked on to the Signal Pole,



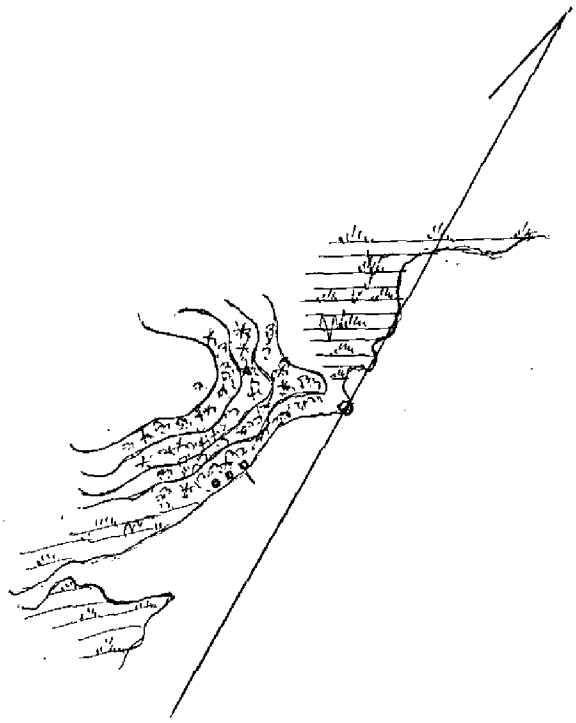
No. 5.
(Ed. 5-18-1903—100,000.)

Department of Commerce and Labor

Forney, 1902

U.S. C&G. Survey,
Stream, Topog.

This Station is located on the West Shore of the Hill Top branch of Nanjemoy Creek Md. on the first point up creek from a small wharf and fishing Cabin, The Station was marked by a Pine Stub 2"x2" driven in to the ground, The signal is comprised of a Pine pole 12 feet long 2"x2" supported by three braces with cross ties and Stakes, The signal pole has a white flag above a white Lorange, Center of Lorange above high water mark = 9 feet;



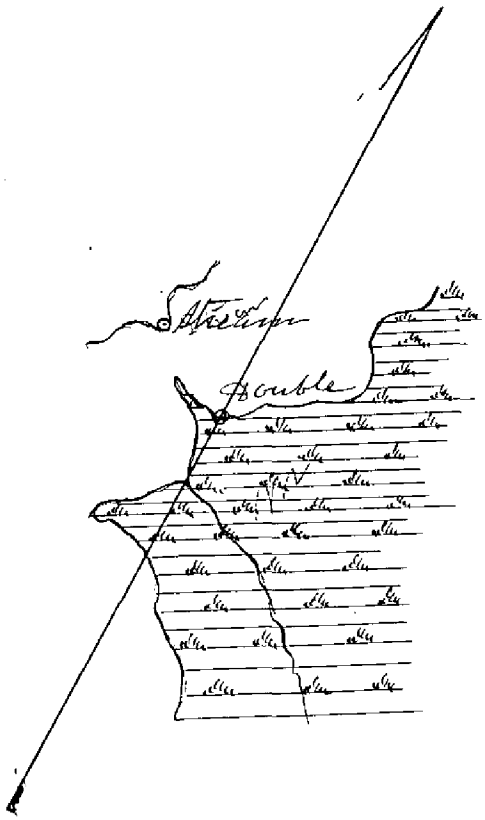
No. 5.
(Ed. 5-18-1903—100,000.)

Department of Commerce and Labor Fourney 1902

U.S. C. & G. Survey,

Double (Topog)

This station is located on the East-Shore of the Hill Top Fork of Nanjemoy Creek Md., on marshy ground and just opposite Stream Signal. Station is marked by a Stub 2"×2" driven in to the ground. Signal is comprised of a pine pole 12 feet long 2"×2" supported by three braces with cross ties and stakes. The usual notice of warning was tacked to the signal pole.



No. 5.
(Ed. 5-18-1903—100,000.)

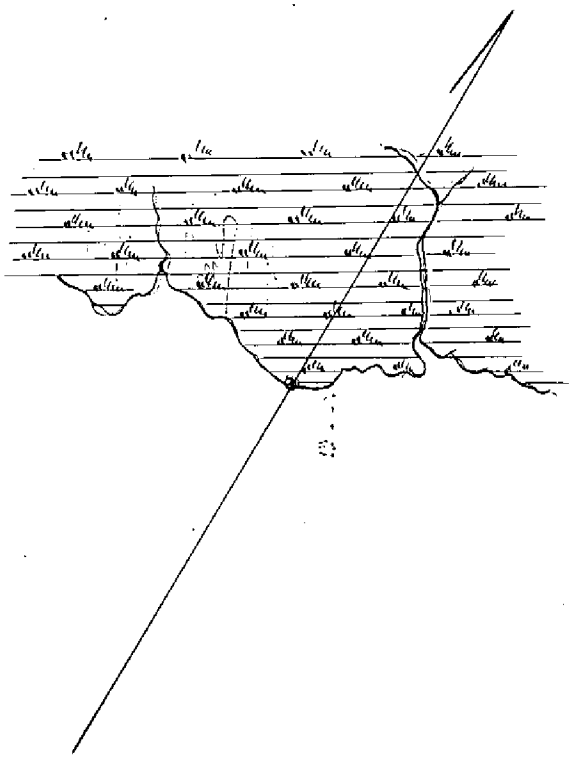
Department of Commerce and Labor

Forney 1902

U.S. C & G. Survey.

Marsh Point

This station is located on a Marsh Point West of Flag in apple tree on the North Shore of Nanjemoy Creek Md. The signal is comprised of a pine pole 12 feet long 2"×2" supported by three braces with cross ties and stakes, Pole has a white flag above a red lozenge center of lozenge is 7 feet above High Water Mark. The usual notice of warning has tacked on to the signal pole.



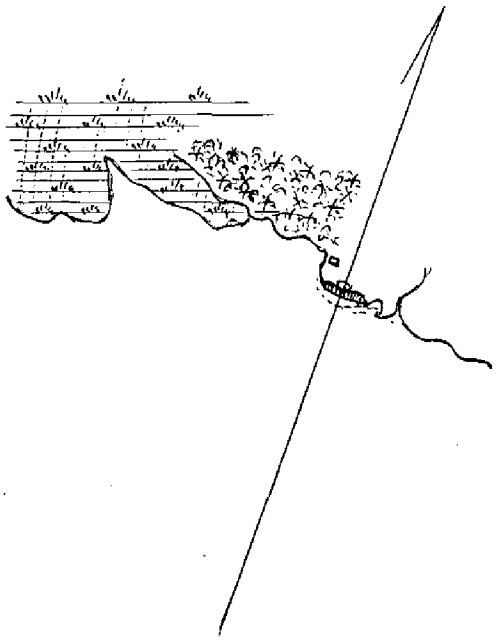
No. 5.
(Ed. 5-18-1903—100,000.)

Department of Commerce and Labor

Fourny 1902

U.S.C. & G. Survey,
Apple Tree. Topog.

This Station is located at the foot of an Apple tree on a small bluff on the North Shore of Nanjemoy Creek, Md., just South of a Hunters Cabin, a pole with a red flag was nailed and lashed in the top of tree, a plumb line was dropped from the foot of this pole to the ground, at this point a pine stub 2"×2" was driven into the ground one foot, and makes the Station which is 7 feet 1 in east of the base of tree, a Δ was cut on the S.E. face of the tree and the usual notice of warning was tacked on to the tree, Top of Pole in tree is 50 feet above High Water Mark,



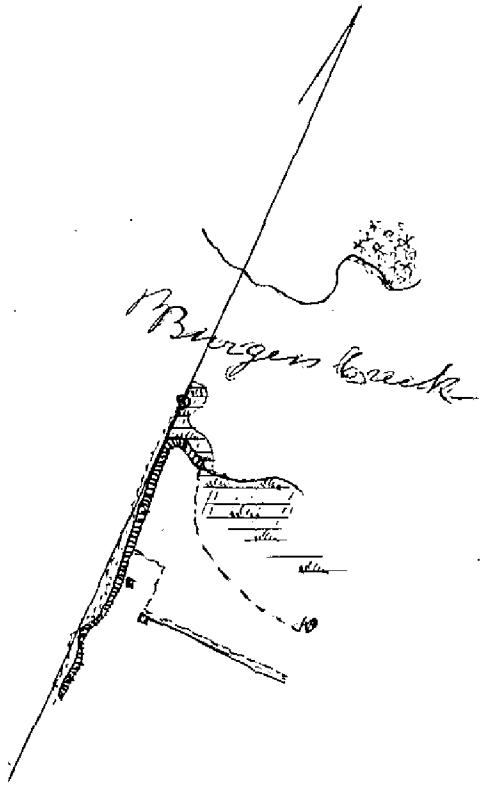
No. 5.
(Ed. 5-18-1903—100,000.)

Forney
1902

Department of Commerce and Labor

U.S. C&G. Survey.
Avon, Tyng"

This station is located on a point of marsh at the South Entrance to, Burgess Creek Md" and on the East side of Nanjemoy Creek, Station is marked by a pine Stake 2"x2" driven one foot in to the ground, signals is comprised of a pole 12 feet long 2"x2" supported by three haas with cross ties and stakes, signal pole has a reg flag above a white lounge, center of lounge above high water = 8 feet, The usual notice of warning was tacked on to the signal pole,



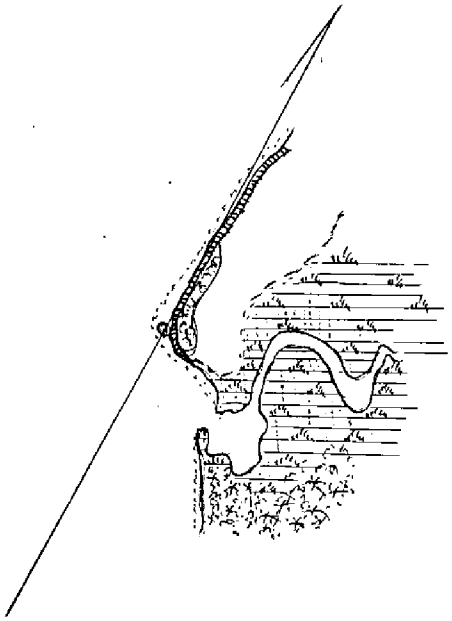
No. 5.
(Ed. 5-18-1903—100,000.)

Department of Commerce and Labor

Fancy 1902

U.S. C & G. Survey.
King. Topog.

This station is located on the East Shore of Nanjemoy Creek Md. at North Point of Entrance to King's Creek, Station is marked by a pine stub 2"×2", driven in to the ground 1 foot, Signal is comprised of a pine pole 12 feet long supported by four braces with cross ties and stakes, has a white flag above red lozenge, Center of lozenge above high water = 8 feet, The usual notice of warning has tacked on to the signal pole,



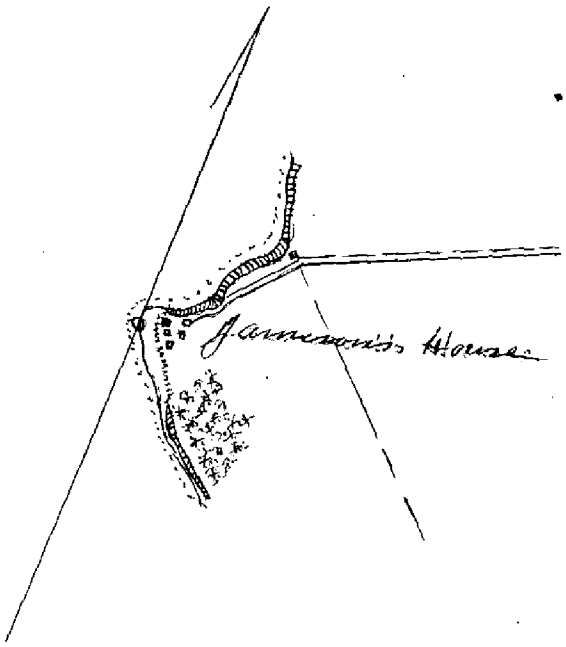
No. 5.
(Ed. 5-18-1903—100,000.)

Department of Commerce and Labor

Forney 1902

U. S. C. & G. Survey,
Blossom, Topog."

This station is located at high water mark near Blossom Point on the East Shore and near the Entrance to Nanjemoy Creek Md, Station is marked by a pine stub 2"×2" driven into the ground one foot, Signal is comprised of a pine pole. 12 feet long 2"×2" supported by 3 braces with ties and stakes, Signal has a red flag above a white lozenge. Center of lozenge above high water = 7.5 feet, The usual notice of warning was tacked on to the signal pole,



No. 5.
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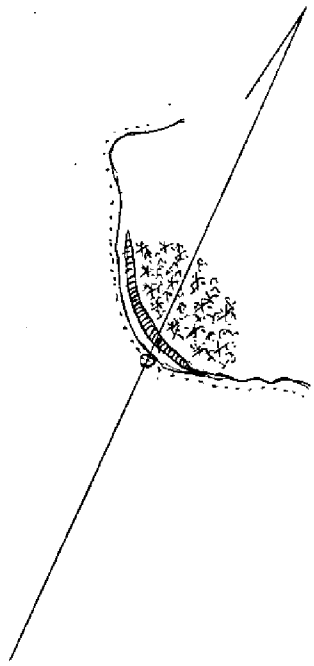
Department of Commerce and Labor

Forney 1902

U.S. C. & G. Survey,
Nanjemoy, Tyrrog.

This Station is located on the South Eastern Point of the Entrance to Nanjemoy Creek between Hig and Low Water Mark, Station is marked by a Stub 2"×3" driven in to the ground one foot, Signal is comprised of a pine pole 12 feet long 2"×2". Supported by three braces with Cross ties and Stakes, Signal pole has a red flag above a white lounge. The usual notice of warning tacked on to the signal pole,



No. 5.
(Ed. 5-18-1903—100,000.)

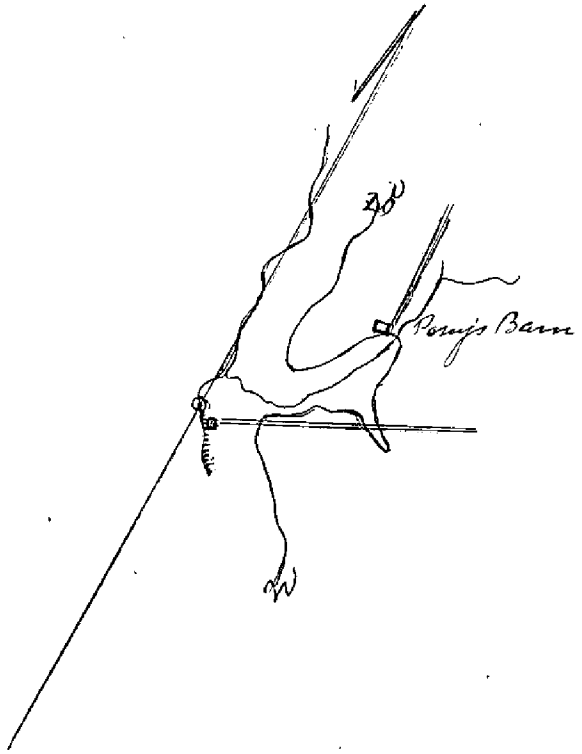
Department of Commerce and Labor

Fenny 1902

U.S. C. & G. Survey.

Stub. (Topog.)

This station is located at high water mark on the first point South of the Lath houses at Chapel Point near a fishing Cabin that stands on the bluff at the end of the road leading to Posey's House, Station is marked by a Stub driven into the Gund, there was not a signal built at this point,



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