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

DESCRIPTIVE REPORT

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

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

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

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LOCALITY

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

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

Locality .....

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1902 TO 1903

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REGISTRY IN ARCHIVES

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

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1903  
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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:

*Stephen Forney*

U. S. C. & G. SURVEY,  
LIBRARY AND ARCHIVES  
DEC 3 - 1903  
Acc. No. 2635-6

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FORM 167.

Treasury Department,  
COAST AND GEODETIC SURVEY,

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



Respectfully ~~referred~~ <sup>returned</sup> ~~forwarded~~ } to Inspector

of Hydr + Topog.

This does not concern  
the Computing Division.  
— purely topographic  
matter. A. L. B.

*Asst. in charge*

*I think this would  
be suitable with  
the description of*

U. S. C. & G. SURVEY  
LIBRARY AND ARCHIVES  
DEC 5 - 1903  
Acc. No.

*#80.  
Dec 4. 03*

DEC 3 - 1903

Acc. No.

Descriptive Report of Original Plans  
Lands Sheet: Resurvey of Potomac  
River from Cedar Point to River  
Side Mt., and River Point to  
Street & Station Va. Scale 1/20,000.  
Surveyed from July 11<sup>th</sup> 1902, to  
March 25<sup>th</sup> 1903.

The shore line of the Potomac  
River on the Maryland side, from  
Cedar Point to Chapel Point  
at the mouth of Pat-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 Metomphin Point & Mount Airy.

is the most prominent Point - in this locality, The Pope's Creek Branch of the Baltimore and Potomac Rail Road terminates south of the mouth of Pope's Creek which an insignificant stream, From the mouth of Pat-Jobacco Creek to Blossom Point - at the mouth of New-Jenny Creek "N<sup>o</sup> 4" is low and somewhat marshy, and thickly covered 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-Jobacco Creek from Chapel Point and Brents Plantation to the old town of Pat-Jobacco are high and steep backed by a rolling country partly covered 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-Jobacco, is shallow and only navigable for small boats,

(3)

except at Chapel Point and Prentiss 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 mosquitoes, with refreshing breezes every night.

Nanjemoy Creek, from its mouth to Hill Top and South West Falls 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 Neen'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 bordering 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 - Nanjenny Creek and River Side,

Few little changes in the Shore line of the River and Creeks have taken place since the last Spring of 1861-62 and 63,

The Shore on the Virginia Side of the Potomac River from Rosier Point along the South Side of Upper Madoke Creek is comprised of steep Bluffs ranging from ten to several 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 Madoke Creek to Metrics Point -

(5)

is comprised of low bluffs from five to twenty feet above mean high water, and small extents of marsh, The country continues low to the foot-hills ten 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 rutted and in poor condition at all seasons of the year, From Metrics Point to Grand 5<sup>th</sup> Station Pa., The shore is comprised of steep bluffs ranging from twenty to one hundred and twenty feet in height above mean high water, at Totank 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 collected. 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 wharves on Upper Machodoc Creek, one at Lower Cedar Point and one at Mathias Point where the Randall boats make regular landings all the year around.

The Public and private roads on the Virginia side of the River from River Point to Stevens Station are in a deplorable condition. During the winter and spring they are almost impassable.

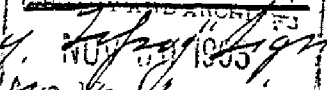
Very little changes have taken place in the shore line on this side of the River since the last survey of 1861-62-63, except at Mathias and Persimmon Points and some of the bluffs along the River shore, and in Upper Machodoc Creek has washed away. The contouring was carried to the outside limits of the

determined 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 include the heights for every tenth foot difference of elevation. The broken red lines show the intermediate contours of ten feet.

The topographical signals in the cove, 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 of 20,000, and sketches and descriptions of topographical signals & stations, accompanies this descriptive report.

Respectfully Submitted,  
 William J. Ferry,  
 Capt. U. S. Army,  
 Chief of Party.



Approximate Geographical Positions of *Fragaria* grounds,  
 Added from *Fragaria* Herb. Sam. Col. K. W. *Kunze*  
 Potomac River Ind. & Co.

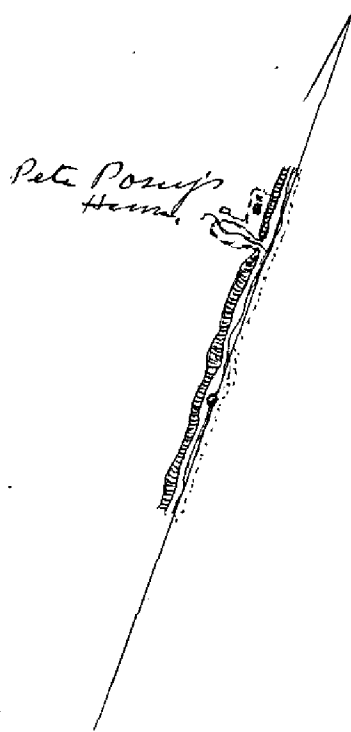
Geographical Stations	Latitude		Longitude	
	0. 1	in Meters	0. 1	in Meters.
✓ Porey Sta. West-Shore Hanjony Co.	38.24	362	77.07	908
✓ Blenney Gray's Point " Co.	38.24	830	77.07	614 <sup>v</sup>
✓ Bluff Point, West-Shore " "	38.25	840	77.07	500 <sup>v</sup>
✓ James Point " " " "	38.25	1742	77.07	349 <sup>v</sup>
✓ Branch " " " "	38.26	1091	77.07	160 <sup>v</sup>
✓ Field in Oak Tree South " "	38.26	1310	77.07	623 <sup>v</sup>
✓ Cabin South Shore " "	38.26	1270	77.07	1115 <sup>v</sup>
✓ Left " " " "	38.27	130	77.09	8 <sup>v</sup>
✓ Stream West " " "	38.27	820	77.09	10 <sup>v</sup>
✓ Double Post " " "	38.27	592	77.08	760 <sup>v</sup>
✓ Marsh Point, North " " "	38.26	1750	77.07	920 <sup>v</sup>
✓ Field in Apple Tree " " "	38.27	130	77.06	1331 <sup>v</sup>
✓ Arms East-Shore " " "	38.26	1650	77.06	512 <sup>v</sup>
✓ King " " " "	38.25	1770	77.06	766 <sup>v</sup>
✓ Blenheim " " " "	38.24	1004	77.06	980 <sup>v</sup>
✓ Hanjony North Shore Potomac R.	38.24	690	77.06	620 <sup>v</sup>
✓ Ventilated Porey's Barn	38.27	910	77.01	605 <sup>v</sup>
✓ Ventilated Barn	38.27	393	77.00	1220 <sup>v</sup>
✓ Chimney of House Mr. Cing	38.26	145	77.00	490 <sup>v</sup>
✓ Hydrographic Sta. Bealoff's				
✓ Pt. Upper Mackerel Cove	38.18	1070	77.01	870 <sup>v</sup>
✓ Club. <i>Fragaria</i> Station	38.27	575	77.01	870

Posey Ferry Station  
Department of Commerce and Labor

U.S. C. & G. Survey.

June 1902

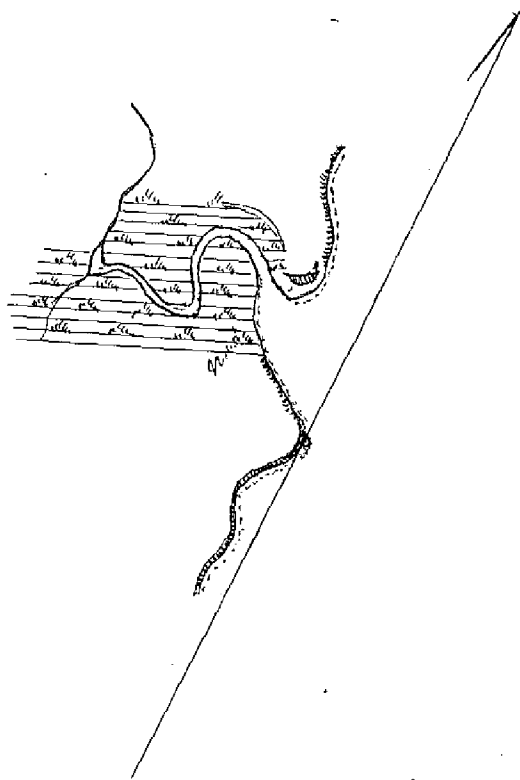
This station is located at high water mark on the West of entrance to Hanjemoey Creek just above Pete Posey's house, which stands on the bluff. Station is marked by a firm stub 2"x2" driven in to the ground one foot. Signal pole is a 2"x2" pine pole supported by four braces with cross ties and bases, has a white binnacle and flag on top. Center of binnacle 7 feet above high water. The usual notice of sounding was talked to the signal pole.



Department of Commerce and Labor June 1902  
U.S. C. & G. Survey.

### Benny Gray's Point - Japan

This station is located at Benny Gray's Point on the West-Side of Hanyu Bay Mt. near high water mark. Station is marked with a pine stake 2x2 driven into the ground one foot. Signal is composed of a pine pole 1 1/2 feet long 2x2 supported by four braces with cross-ties and stakes, with white bunting and red flag. Center of bunting is 9 feet above high water mark. The inner section of bunting was tacked to the signal pole.

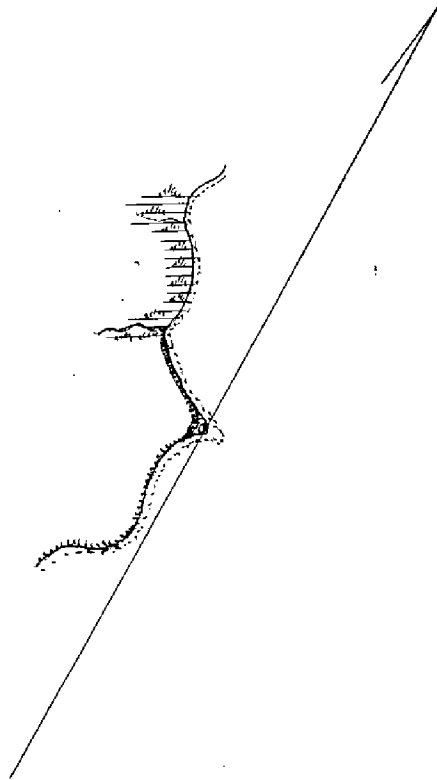


January 1902

U.S. C. S. Survey.

Bluff Point - Tofino.

This station is located at the South Point of the first creek that makes in to the West Side of Benjamin Creek above Benny Gray's Point. Station is marked by a pine Stake 2x2 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 struts, and has the red orange & white flag, center of orange about 1/2 foot high. The signal notice of warning was tacked to the signal Pole.

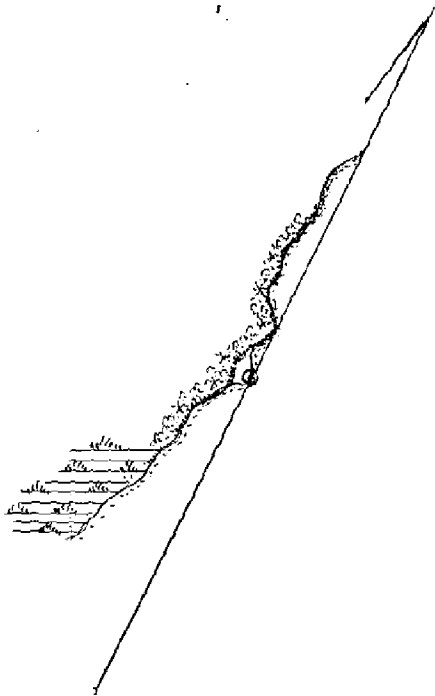


January 1902

U.S.C. & G. Survey,

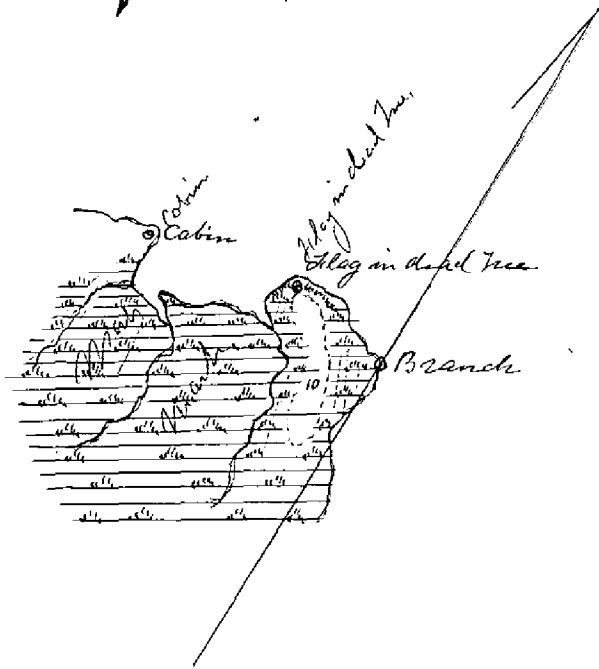
Tanners Point, Idaho

This station is located at the first Point (Mark) near high water mark, 1<sup>st</sup> Mark Point - also Bluff Point - signal, on the West Shore of Snake River Creek, 114" Signal is comprised of a pin pole 12 feet long 2" x 2" supported by three braces with cross ties and struts, station is marked by a pin stake 2" x 2" driven one foot in to the ground, signal pole has two red flags above a white binnacle, center of binnacle is 7 feet above high water mark, The usual notice of bearing was tacked to the signal pole.



Department of Commerce and Labor  
U. S. C. & G. Survey,  
Branch, Tappan,  
January 1902

This station is located on the West Bank  
of Nanjemoy Creek, on a rocky point where  
Nanjemoy Creek makes the turn to the  
Westward, Station was marked by a Stake 2"x2"  
driven into the ground, This Signal is composed  
of a pole 12 feet long 2"x2" with a Stake 2"x1"  
12 feet long spiked on to it, supported by three  
traces with cross ties and stakes, Signal  
pole has a white flag above two red bunting,  
The usual notice of warning was posted on  
to the signal pole.

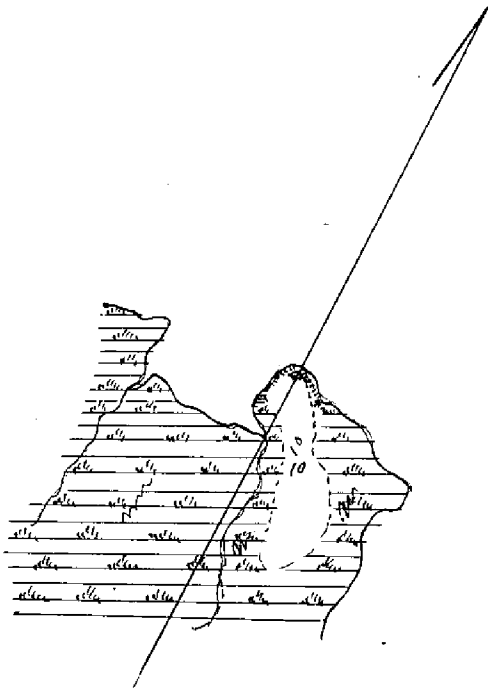




Henry 1902

Department of Commerce and Labor  
U.S. C. S. Survey,  
Lead Line. Log.

This station is located on the South Shore  
of Longfellow Creek at the first point West  
of Brand Signal. The signal is comprised  
of a pole with flag and binnacle, nailed and  
locked 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,



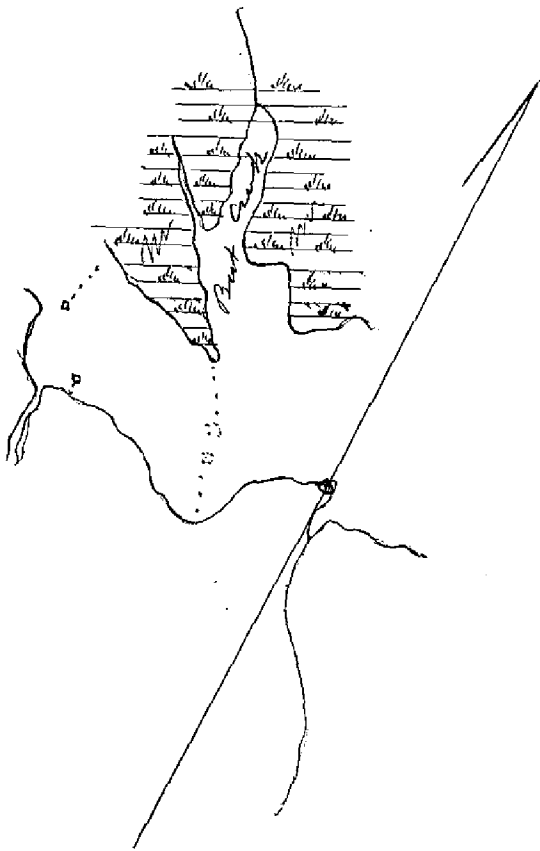
Department of Commerce and Labor

U.S. C. & G. Survey,

Cabin, Japan,

January, 1902

This Station is located on the South Side  
of Hanjenny Creek No. 4, at the first Point  
above Lead Tree signal, and on the shore above  
High water, Signal is comprised of a pine  
pole 12 feet long, 2" x 2" supported by three trees  
with iron ties and struts, Signal pole has a  
white flag above red bearings, Center of bearings  
above High water = 8 feet, The usual Notice  
of Warning was placed on the Signal Pole,



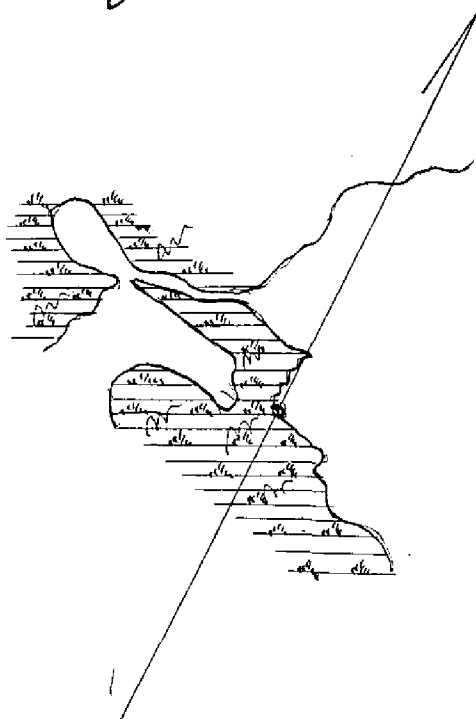
Department of Commerce and Labor

U.S. C. S. Survey.

January 1902

Sept. 1901.

This station is located on the South Shore of Nanjemoy Creek Md., Just east of the Entrance to the South West-Jack of Nanjemoy Creek, on a marshy Point, The signal is comprised of a pine pole 12 feet long 2"x2" supported by three trees with cross-ties and struts, signal pole has a white bungee and white flag. Station is marked by a strut 2"x2" driven into the ground, Center of bungee and high water is 9 feet above high water mark, The usual notice of warning was tacked on to the signal pole.



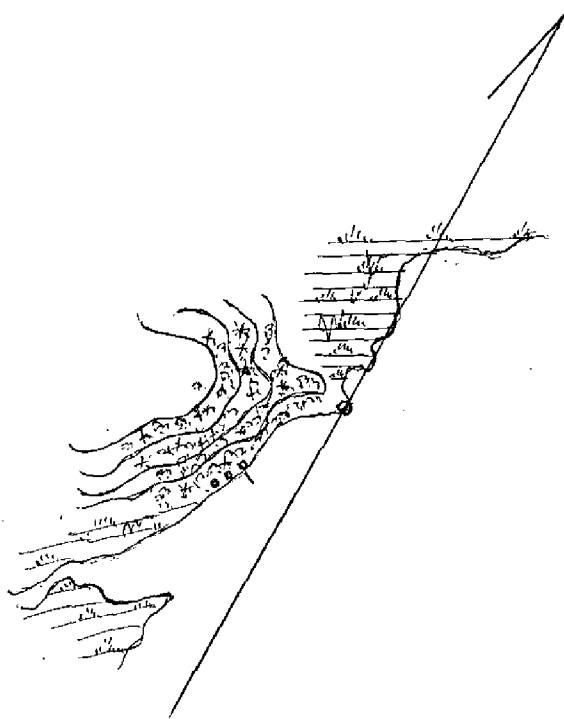
Department of Commerce and Labor

U.S. C. & L. Survey,

Steam, Hydrog.

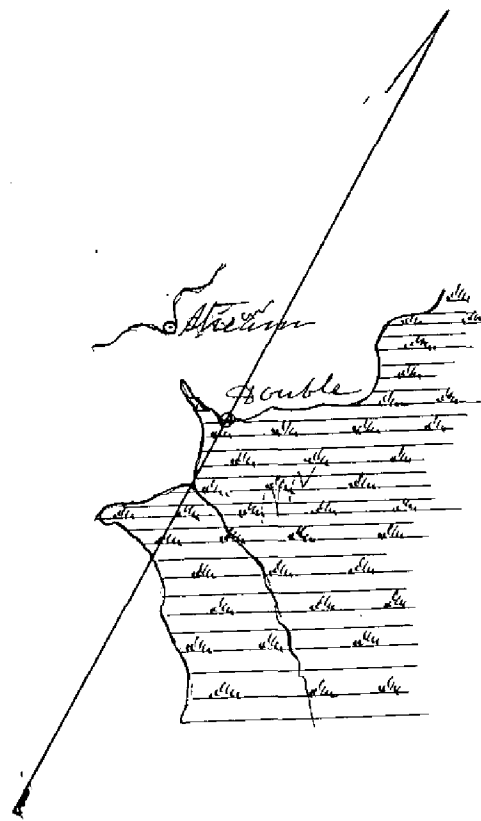
January 1902

This station is located on the West-Side  
of the Hill Top branch of New Jersey Creek  
Md. on the first point up Creek from a  
small wharf and fishing cabin. The station  
was marked by a pine stake 2x2 driven  
in to the ground. The signal is comprised  
of a pine pole 12 feet long 2x2 supported  
by three braces with cross ties and blocks.  
The signal pole has a white flag above  
a white binnacle, center of binnacle above  
high water mark = 9 feet.



Department of Commerce and Labor *January 1902*  
U.S. C. S. L. Survey,  
Anchorage (Topog)

This station is located on the East-Side  
of the Hill Top Fork of Kenai River, Alaska  
on marshy ground and just opposite to  
Signal Station is marked by a post "2x2"  
driven in to the ground. Signal is com-  
posed of a pine pole 14 feet long "2x2" supported  
by three braces with cross-ties and struts. The  
signal notices of warning was located to the  
Signal pole.



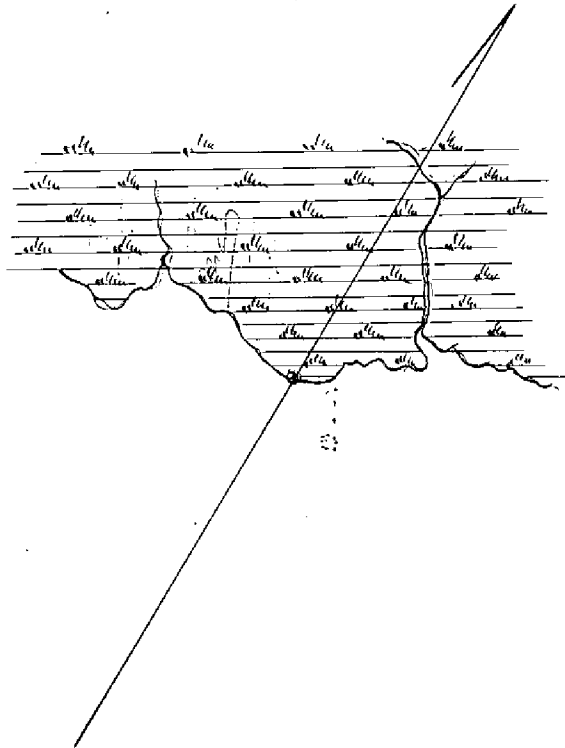
Department of Commerce and Labor

U.S. C & G Survey,

Marsh Point

January 1912

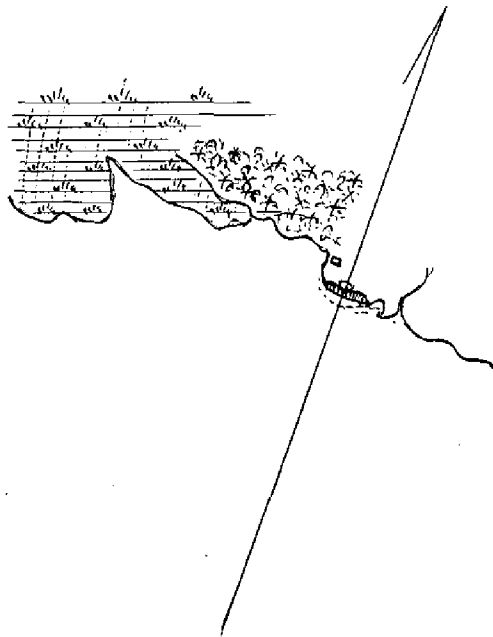
This station is located on a marshy point  
West of Flag in apple trees on the South shore  
of Nanjemoy Creek Md. The signal is con-  
sisted of a pine pole 12 feet long 2" x 2" sup-  
ported by three legs with cross ties around  
it. Pole has a white flag above a red  
orange center of orange is 7 feet above  
high water mark. The usual notice of  
warning was tacked on to the signal pole.



Department of Commerce and Labor  
U.S.C. G. Survey,  
"Apple Tree, Frying"

January 1902

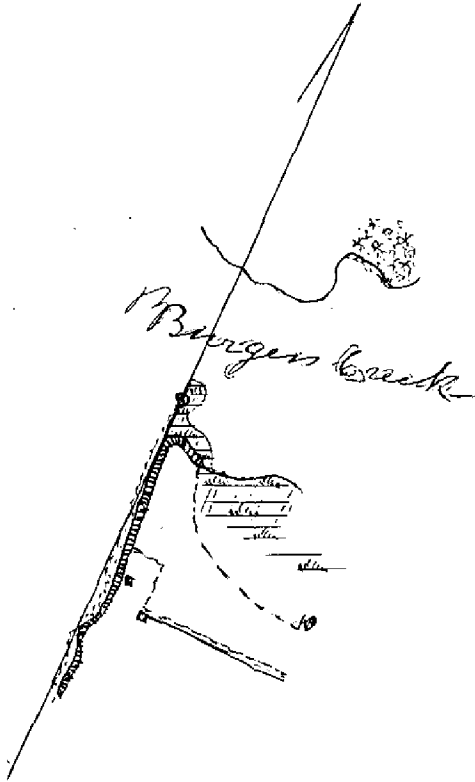
This Station is located at the foot of an Apple tree on a small bluff on the North Shore of Manjimmy Creek, Md., just South of a winter Coliseum. A pole with a red flag was nailed and lashed in the top of tree, a plumb line was dropped from the foot of this pole to the ground, at this point a pin stake 2"x2" was driven into the ground one foot, and marks the Station which is 7 feet 1 in east of the base of tree, a S 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,



Towney  
1902

Department of Commerce and Labor  
U.S. G.S. Survey,  
"Above, Survey"

This station is located on a point of marsh at the South Entrance to, "Burgess Creek" and on the East side of "Hanselman Creek". Station is marked by a fine  $2 \times 2$ " diameter one foot in the ground. Signal is comprised of a pole 12 feet long  $2 \times 2$ " square painted by three brass with brass ties around it. Signal pole has a red flag above a white banner. Center of banner above high water = 8 feet. The usual notice of warning was tacked on to the signal pole.





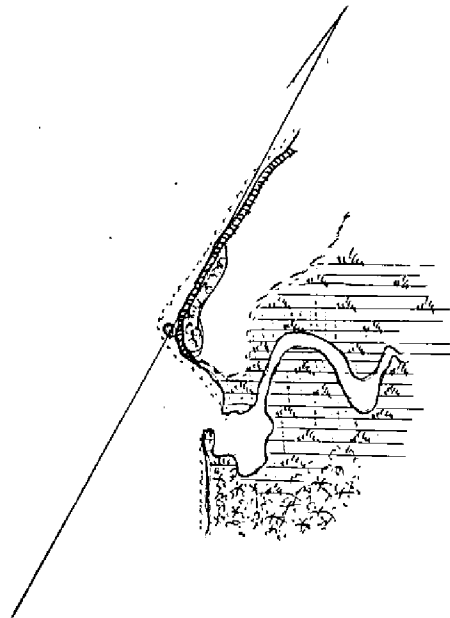
Department of Commerce and Labor

January 1902

U.S. C. & G. Survey,

King, Tofu.

This station is located on the East Shore of Nanjenny Creek No. 4, at North Point of entrance to King's Creek. Station is marked by a pine stub 2" x 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 binnacle, center of binnacle above high water = 8 feet. The usual notice of warning was attached on to the signal pole.

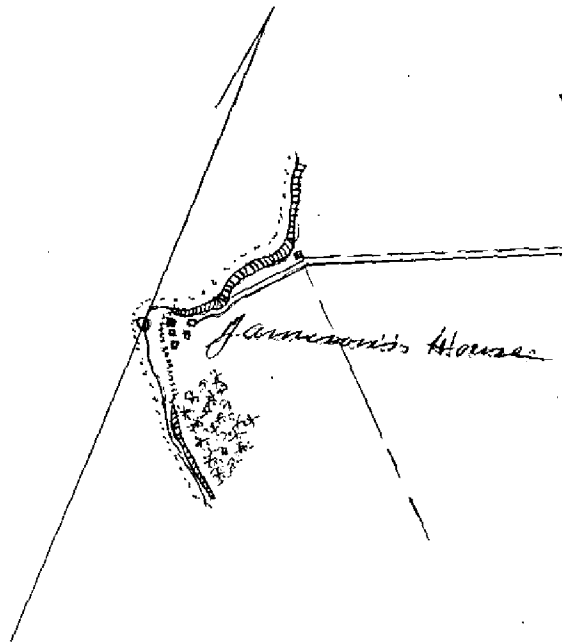


Department of Commerce and Labor  
U.S. C. & G. Survey,

July 1902

Blossum, Fijiji.

This station is located at high water mark near Blossum Point on the East Side and near the Entrance to Nanjima Bay. Station is marked by a pine Stake  $2 \times 2$  driven into the ground one foot; signal is composed of a pine pole  $1 \frac{1}{2}$  feet long  $2 \times 2$  supported by 3 braces with this end fixed, signal has a red flag above a white binnacle. Center of binnacle above high water = 7.5 feet; Full usual notice of bearing was taken on to the signal pole.

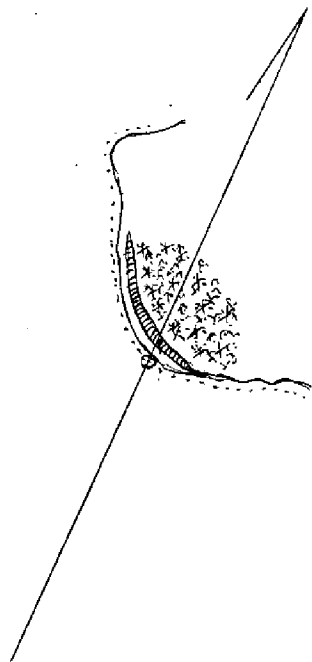


June 1902

Department of Commerce and Labor

U.S. C. S. Survey,  
Kauai Survey, "Laysan"

This station is located on the South Western Point of the Entrance to Kauai Creek between High and Low water marks, station is marked by a stake 2" x 3" driven in to the ground one foot; signal is comprised of a pine pole 1/2 foot long 2" x 2" supported by three legs with cross ties and stakes, signal pole has a red flag above a white binnacle. The usual notice of bearing taken on to the signal pole.



Department of Commerce and Labor  
U. S. C. S., Survey.  
Stake (Topog.)

June 1902

This station is located at high water mark on the first point south of the Lotta Thomas at Chapel Point near a fishing cabin that stands on the bluff at the end of the road leading to Powsy's Home, station is marked by a stake driven into the ground, there was not a signal built at this point,

