

2878



Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Ch. Littmann

Superintendent.

State: *Maryland*

DESCRIPTIVE REPORT.

Topographic Sheet No. *2878*

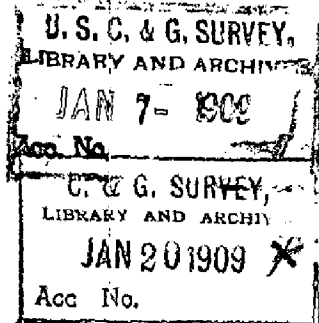
LOCALITY:

*Potomac River from Jones
Point to Hill Bridge and
Upper Marlboro.*

1908

CHIEF OF PARTY:

J. B. Boutelle



2878

Department of Commerce and Labor
COAST AND GEODETIC SURVEY
Form 28

To accompany Topographic Sheet No. 2878

GEOGRAPHICAL

Locality Upper Patuxent River, Calvert & Prince Georges Cos., Md.

11-670

STATIONS.	LATITUDE.	Seconds in Meters.	LONGITUDE.	Seconds in Meters.
R. R.	38 46	1573	79 42	362
Mar	47	116	42	1151
Bristol Ldg.	47	881	42	356
Leon	47	1173	42	354
Leon, Sch. Ho. cupola	47	990	42	261
Leon, wh. Ho. west gable	47	1083	42	344
Mud	47	217	42	370
Wheat	47	997	42	1420
Traband's Ho. east chy.	47	1168	43	58
Trab	47	1520	42	1151
Green's Landing	38 48	207	76 42	811

Do not write in this margin.

2878

ASSISTANT IN CHARGE.

Department of Commerce and Labor
COAST AND GEODETIC SURVEY
Washington

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Descriptive Report

Topographic Sheet No. 2878,

Upper Patuxent River from Jones Point to Hill's
Bridge and Western Branch to town of Upper Marl-
boro, Maryland.

November and December, 1908.

Method of Survey.

The position of a starting point was located as accurately as possible by the old survey of the shoreline at Bowling's Landing on the western shore of the river opposite Jones Point. None of the old land marks in this vicinity could be recovered.

A station was established at this point and another at Jones Point and a short base measured for the determination of the distance between them. The azimuth was determined by observing the angle between Polaris at western elongation and Jones Point from station "North Base". From these two points a plane table triangulation was carried up the river to Hill's Bridge and the Western Branch to the town of Upper Marlboro was run by a single line of traverse.

At the town of Nottingham the corner of the old wharf and slip was recovered, the old wharf lines being exposed at low tide. It is shown on the sheet by a dotted line just north of the present wharf. Two of the houses at the southern edge of the town are very

old and must be the same as shown on the old survey. These houses and the old wharf are shown on chart No. 387 but the original sheet of this old work could not be found at the office.

The town of Nottingham was formerly of considerably importance as a shipping point, but at the present time there is no business done here. The town has one small country store which supplies a few goods and much bad whiskey to the neighboring population. The majority of the houses in the place are very old and rapidly falling into decay.

At Lyon's Creek Landing are some silica mines from which considerable freight is shipped.

Bristol Landing (Called Leon Post Office) was formerly an important shipping point, but at the present time the river has filled up so much that the Baltimore steamer no longer goes there.

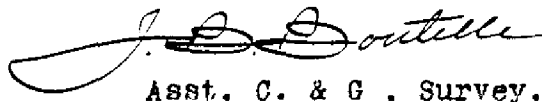
A steamer of the Maryland Delaware and Virginia Railroad Company from Baltimore makes one trip per week to this part of the river going up as far as Lyon's Creek Landing.

The Western Branch is a small creek, extending up to and beyond the town of Upper Marlboro; for about a mile above its mouth it runs through a marsh and is very shoal, there being only a few inches of water at low tide. It then runs through a wooded swamp and is four or five feet deep but is so obstructed by stumps and fallen trees as to make it extremely difficult to

navigate it even in a very small skiff. I should judge the ordinary current in this part of the creek to be about two miles per hour.

Observations and computations of Base and Azimuth are attached hereto.

Respectfully submitted,


Asst. C. & G. Survey.

Chief of Party.

Statistics of topographic Sheet 2878.

Shoreline, statute miles.....	36.3
Creeks, statute miles.....	8.7
Area, square statute miles.....	6.5

At station North Base at Bowling's Landing
Upper Patuxent River, Maryland.

Nov. 12, 1908

Measured a base to a point on the river bank to the southward, with 15 meter steel tape. meters.
190.22

Observations with B. & B. 7 in. theod.

At North Base

				Jones (1908) to South Base	
	A		B	mean	
0	0	00	05	00	02.5
1	128	46	50		
6	52	40	43	43	43

128° 46' 46.8"

At South Base

	A		B	mean	
0	0	00	05	00	02.5
1	41	05	20		
6	246	30	00	10	05.0

41° 05' 00.4"

At Jones (1908)

	A		B	mean	
0	0	00	05	00	02.5
1	10	08	40		
6	60	50	00	10	05.0

10° 08' 20.4"

At North Base

Nov. 13, 1908 4 a.m. 75th mer. time

Polaris at Western Elongation 0° 00' 00.0"

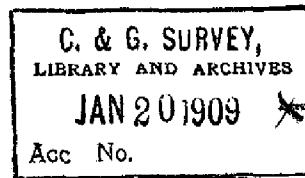
Jones, 1908 61 17 25.0

Azimuth of Polaris at W. & 1 30 37

" " Jones, 1908 59 46 48 E. of North

	North Base to South Base				190.22 ^{meters}	2.279 256
Jones	10° 08' 20.4"	-2.4"	18"			0.754 425
S. Base	41 04 60.4	-2.4	58			9.817 664
N. Base	128 46 46.8	-2.8	44			9.891 854
Jones to North Base					710.14	2.851 345
" " South Base					842.4	2.925 535

Above distances verified approximately by tellueter rod.



To accompany Topographic Sheet No. 2878.

*Descriptions of Stations
and other objects
determined by topographic survey
of
Upper Patuxent River
Maryland
1908.*

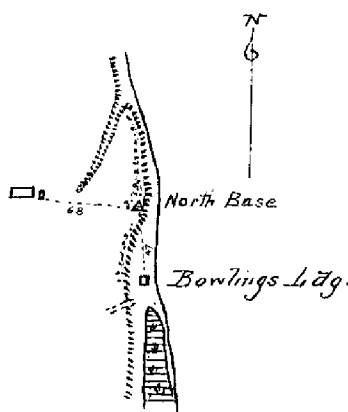
*J. B. Boutelle
Assistant C. & G. S., Chief of party.*

Station North Base

Bowlings Landing, Upper Patuxent River, Md.

On the S.E. point of the small bluff on the north side of Bowlings Ldg. opposite Jones Pt. and about 47 meters north of the small house on the shore at the Ldg. and about 2 meters west of the edge of the bluff which is partially covered with a growth of small wild cherry trees. It is about 60 meters north of where the old road of 1860 came to the beach. A tobacco barn and corn house is west of the station. The S.E. corner of the corn house is 68 meters from the station. A small mark heads up just south of the house at the landing.

The barn house shown here on the old survey of 1860 have been destroyed.



Dist. to small stump with Δ + nail	North	meters
" " " " " "	East	1.08
" " " " " "	South	1.48

Marked by 2 blocks of cement concrete, one over the other and about 3 ft. long + 1 ft. square. nail in cement-marks
 Δ

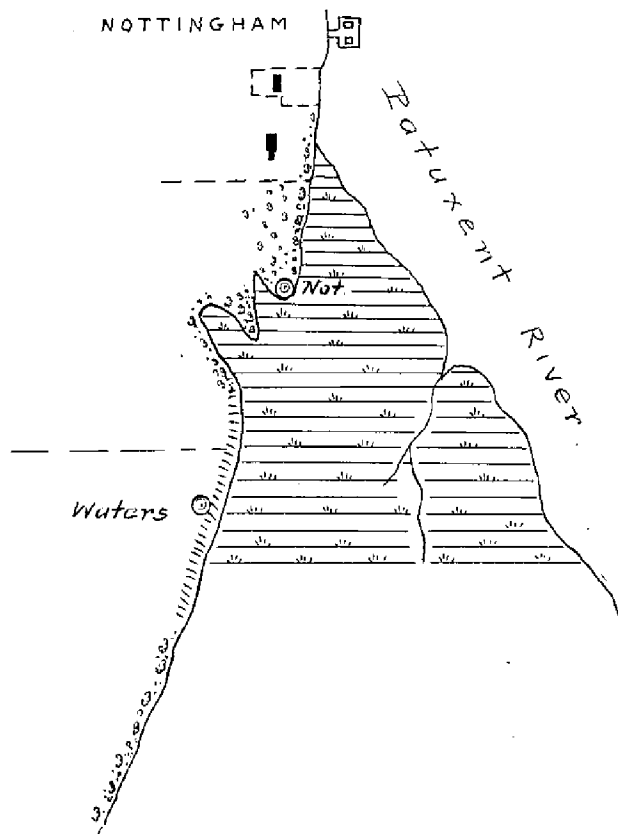
Stations: Waters and Not.

1908

Upper Patuxent River, Md.

Station Waters is 650 meters south of the wharf at Nottingham on the brow of the hill, in an open field, where it slopes down to the shore line. Small tripod signal. Marked by a stub nail.

Station Not is on a small point of land 350 meters south of the wharf at Nottingham at the S. E. end of the garden of the old Turton place. Signal pole and flag. Marked by a stub and nail.

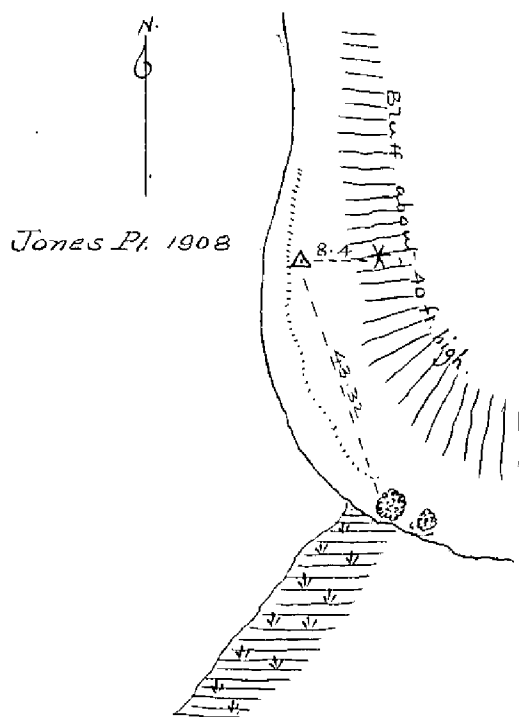


Station: Jones Point 1908

Upper Patuxent River, Maryland.

On the western side of Jones Pt. on a small bank a few feet back of H.W.M. A hole was dug 3 feet deep and some bricks laid about 1 foot square and 1 foot deep in the bottom of the hole with a nail in center marking Δ . Over this is a wooden box about 2 feet long and 8 inches square filled with cement-concrete and a nail in cement-marking the Δ . Top of box flush with ground.

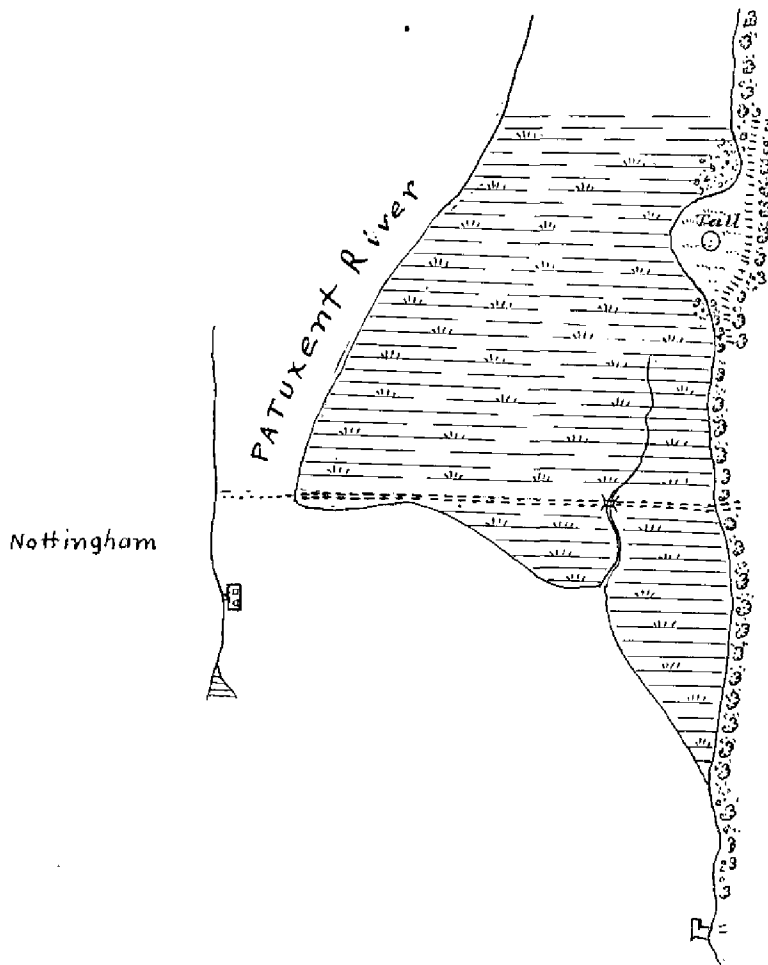
Distance to Δ nail on large black gum tree on south end of point ^{meter} 43.32. Distance to Δ nail on pine tree east of Δ and about 6 feet higher ^{meter} 8.4



TALL

Upper Patuxent River, Md. 1908

On the east side of the Patuxent-river, N. E. of the wharf at Nottingham and 357 meters north of the shore end of the road across the marsh to the ferry. It is about the center of a grassy area which extends a short distance into the marsh. Signal a tall pole with flag + target. Marked by stub and nail.

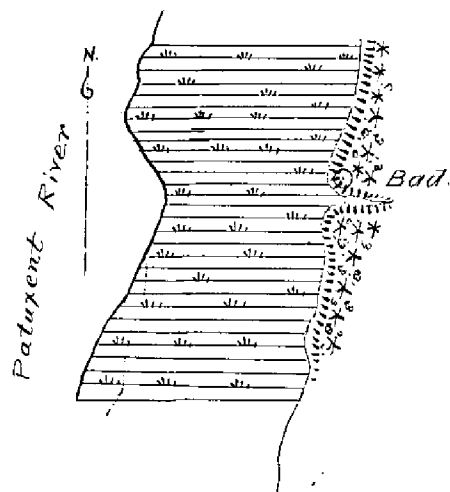


Bad

1908

Upper Patuxent River, Md.

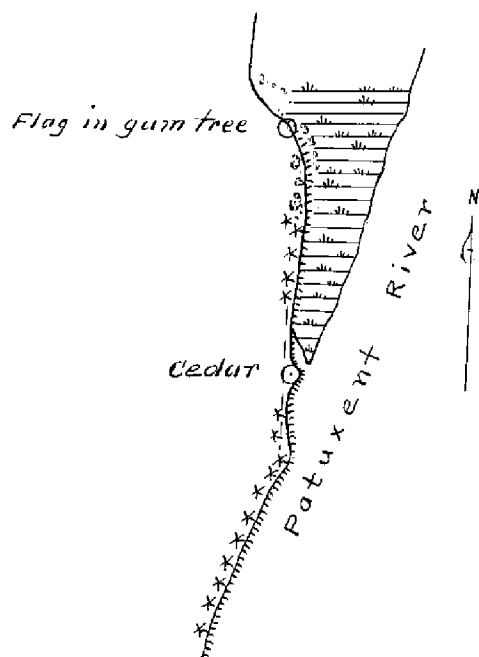
A small topog^e signal with flag + target set on the east bank of the Patuxent river on the north side of a small gully and near the edge of the bank; several pine trees were cut to make room for the signal. It is 1000 meters north of the shore end of the Nottingham Ferry road across the marsh.



Cedar Upper Patuxent river, Md. 1908

On the west side of the Patuxent river, 650 meters north of the wharf at Nottingham, along the shore line, on a small triangular projection of the small bluff bank outside of the wire fence. A cedar stump forms the outer end of the projection on which the signal stands. The marsh line on this side commences a few meters north of the signal. Signal a small pole with flag and target, with braces to the cedar stump and fence posts.

147 meters north of the signal is a large black gum tree with a spreading top in which a flag is set.

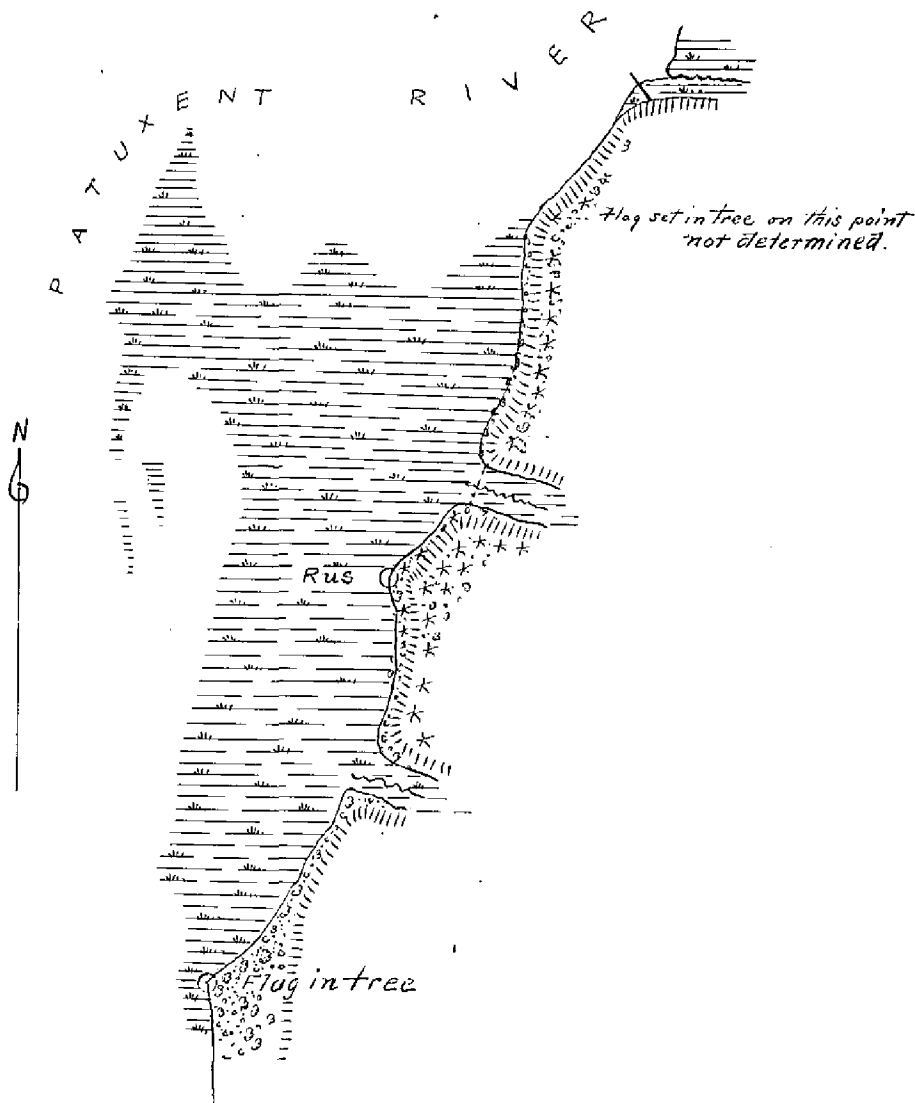


RUS

Upper Patuxent River, Md. 1908

On the east bank of the Patuxent river 1.6 miles N + E. of Nottingham on the land of a Mr Russell. It is 720 meters S.W. of Mr Russell's small wharf, 135 meters S.W. of a ravine and 250 meters north of another ravine, both ravines have a small stream flowing through a wooded swamp.

Tripod signal set on a small point extending into the marsh at the foot of a high bank and marked with a large stub and nail.



CAL

Upper Patuxent River, Md. 1908

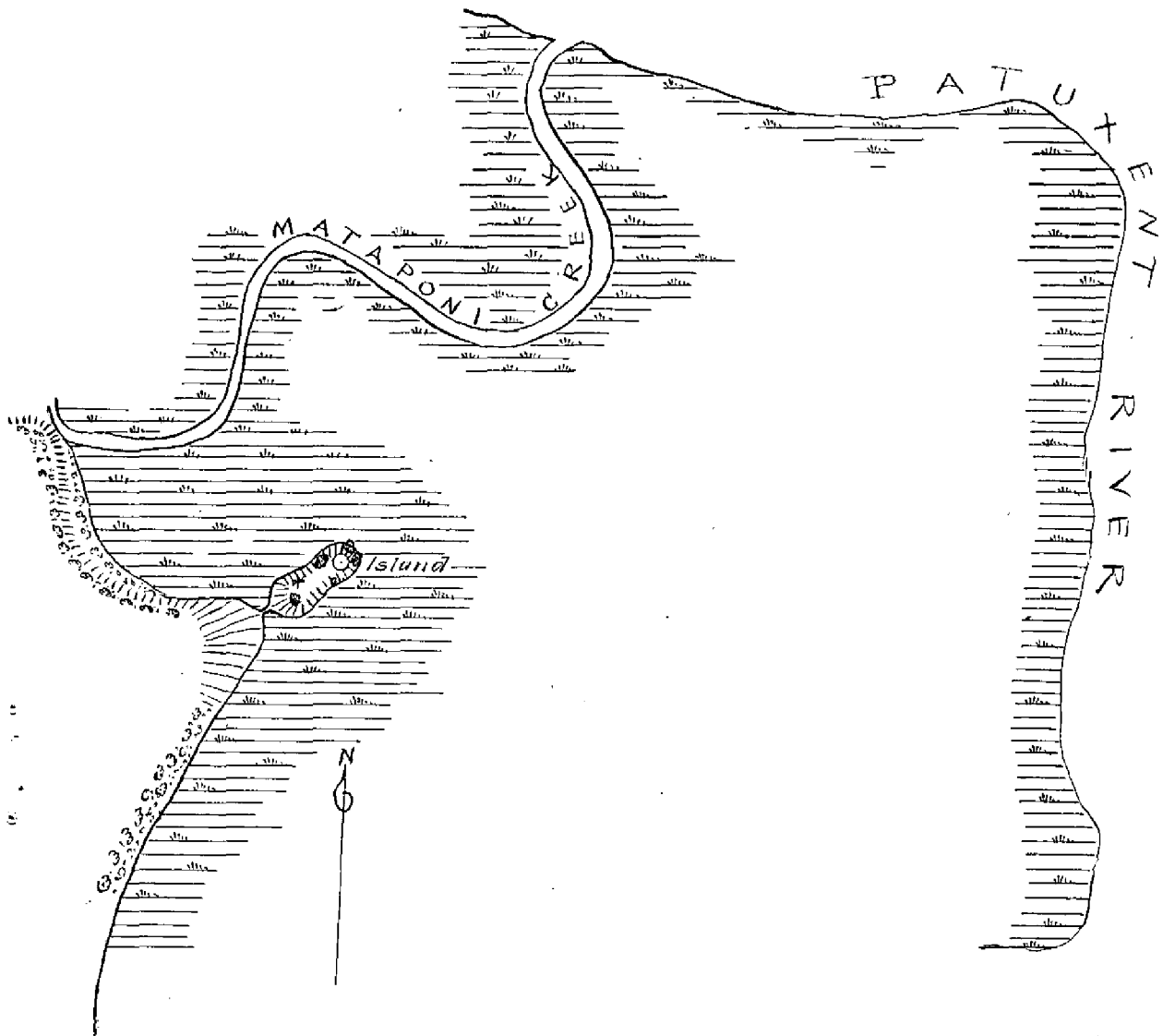
On the west side of the Patuxent river 1.6 miles north of Nottingham on a small point of fast land between two marshes and about 20 meters north of a large cedar tree, on the top of a low bank. Small tripod signal - Marked by a stub and nail.



ISLAND

Upper Patuxent River, Md. 1908

On the west side of the Patuxent-river and on the south side of the mouth of Mataponi Creek on the N.E. end of a small island in the marsh which is connected with the main land by a narrow causeway. The Δ is on the brow of the hill at the N.E. end where it begins to slope toward the marsh. Signal a cedar pole with flag and target. Marked by cedar stub nail.



Stations

LYONS

Upper Patuxent River, Md. 1908

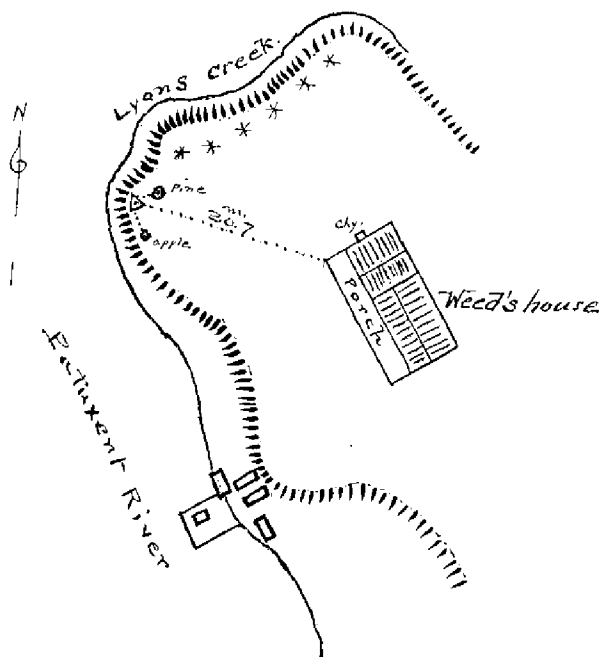
On the western end of the top of the bluff about 100 meters north of the wharf at Lyons Creek Landing and 30.7 meters west of the western corner of the porch of Mr Weed's house on the top of the bluff. Marked by a square quart bottle filled with ashes. Nose of bottle 2 feet under ground. Surface mark a locust stub about 6 inches diam. and $2\frac{1}{2}$ ft. long projecting 6 inches above ground. Nail in center of stub marks station point.

Distance to Δ nail on small pine tree N.E.

meters
3.85

" " " " " " " apple " S.E.

3.44

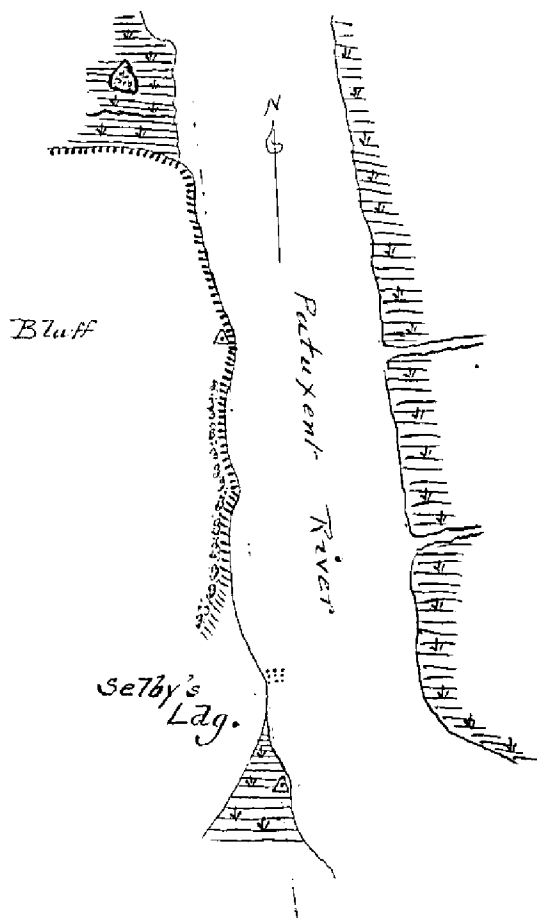


Station: Bluff

Upper Patuxent River, Md. 1908

On the top of the bluff on the west bank of the river about 480 meters north of the remains of the old wharf at Selby's Landing. The Δ is about 2 meters west of the edge of the bluff and is marked by a pint flask buried 2 feet deep. Surface mark is a locust stub 4 inches in diameter and 2 feet long with nail in center marking Δ . Top of stub is flush with the ground.

Distance to Δ & nail on small stump on edge of bluff. East	meters
" " " " " " " " " " " " S.E.	2.26
" " " " " " " " " " " " S.	3.04
" " " " " " " " cedar S.	14.90

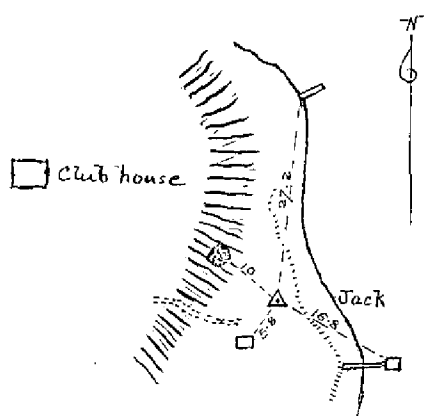


Station JACK Upper Patuxent River Md. 1908

On the west bank of the river at Jacksons Ldg. on the eastern edge of a low bank just above H.W.M. A club house for gunners is on top of the high bluff back of the signal. Marked by a pine stub and nail.

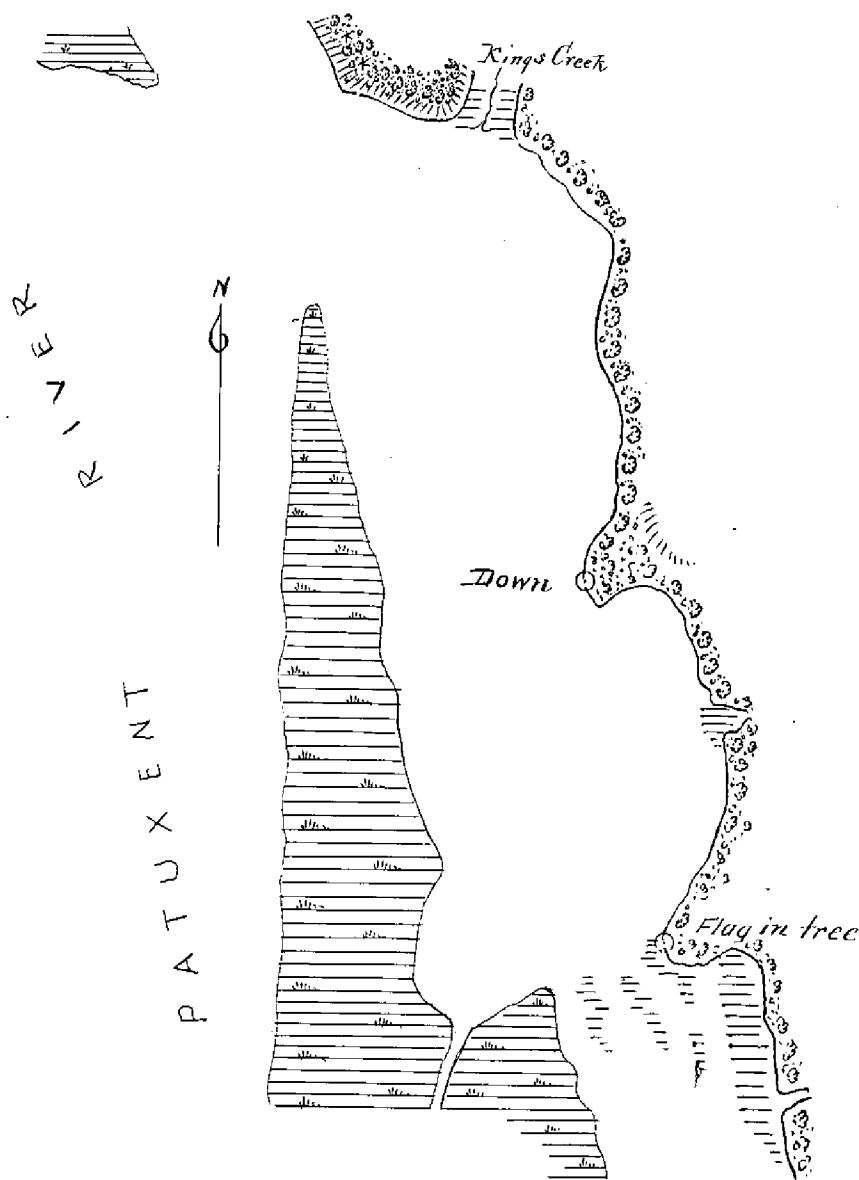
Distance to	△ nail on oak tree, N.W.	meters 10.0
"	" shore end of small wharf N.	27.2
"	" N.W. corner of boat-house S.E.	16.8
"	" N.E. corner of shed S.W.	5.8

Bearings are approximate.



Down. Upper Patuxent River, Md. 1908

On the east side of Patuxent river 1450 meters S.E. of Jackson's Ldg. and on the first prominent point 600 meters south of King's Creek. The station is on the outside edge of the point just above H.W. Mark. Small trees & bushes were cut-away to make room for the signal. Marked by a locust stub and nail.

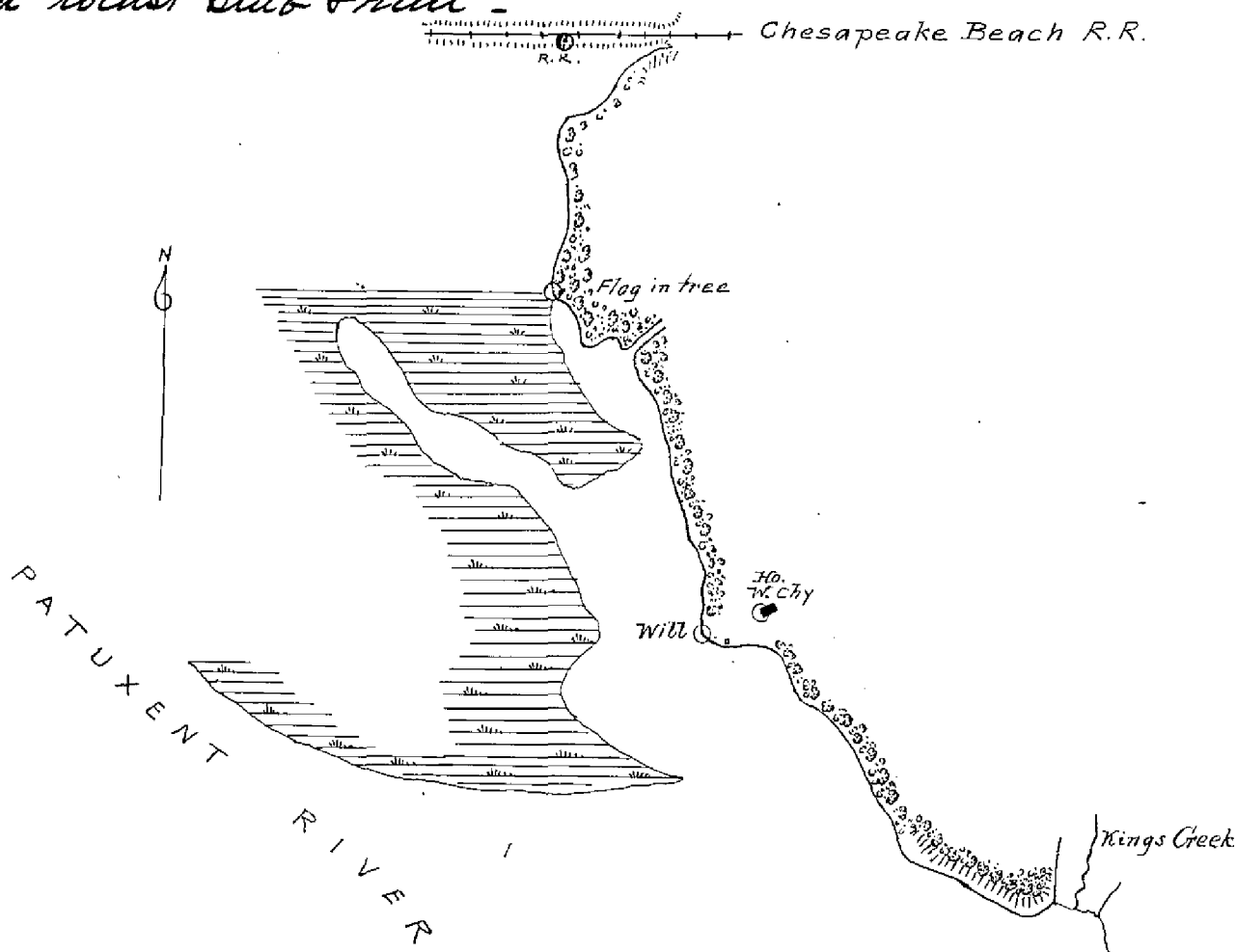


WILL

Upper Patuxent River, Md. 1908

On the east side of the Patuxent river, 800 meters south of the Chesapeake Beach R.R. and 540 meters northwest of the mouth of King's Creek.

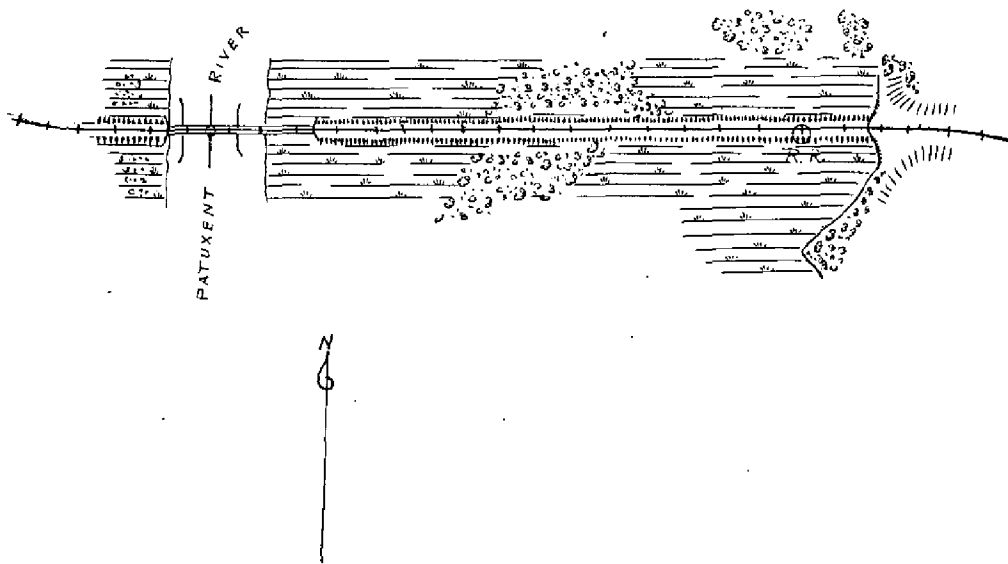
The signal is at H.W.M. on the west end of a small point where there is a boat-landing. A farm house stands about 100 meters a little north of east from the signal. An old cedar stub with a nail in the top was found firmly buried in the ground a few feet north of the present signal. Point marked by a locust stub & nail.



R. R.

Upper Patuxent-River, Md. 1908

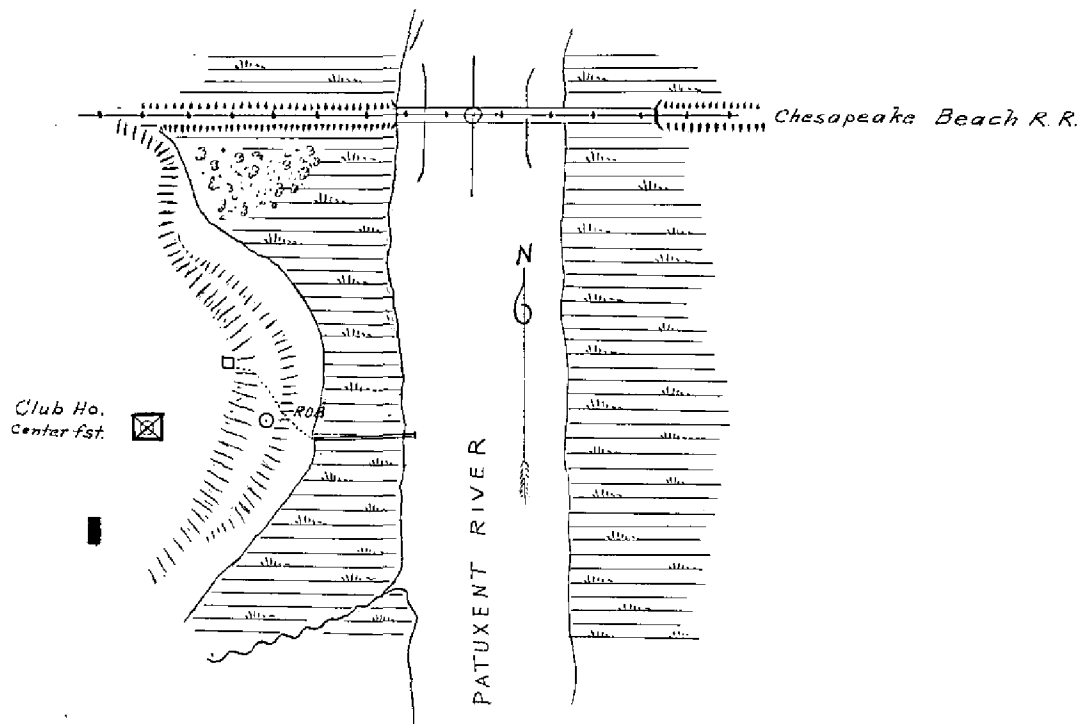
On the east side of the Patuxent-River on the embankment of the Chesapeake Beach R.R. across the marsh, 90 meters from the east-end of the embankment and about 3 meters south of the track. Signal a pole & flag supported by small braces. Marked by stake and nail.



ROB

1908

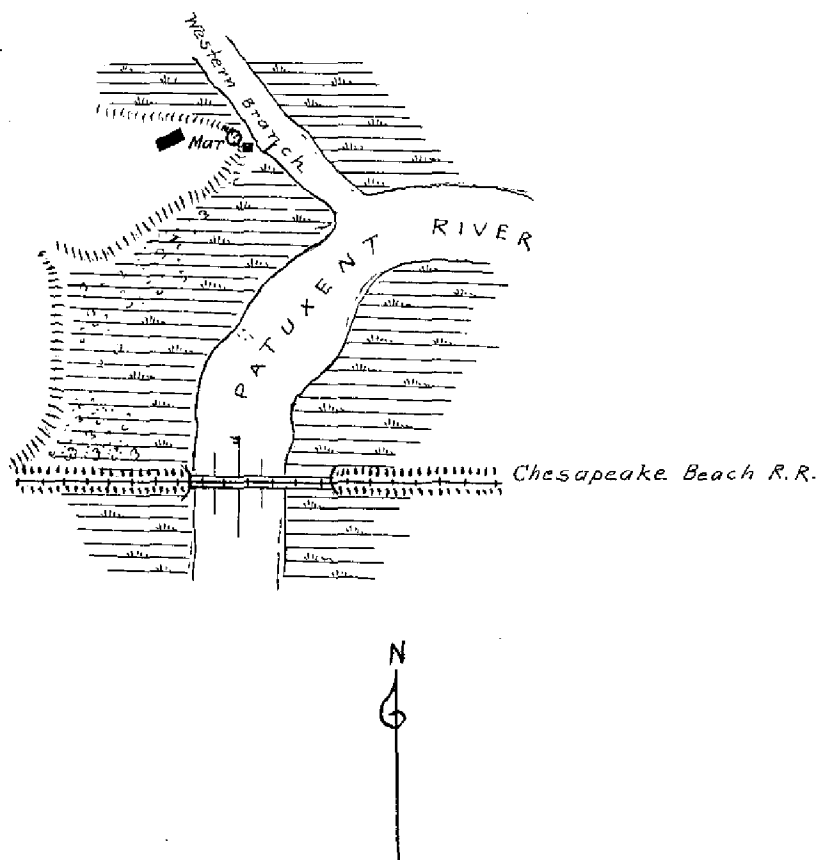
On the west bank of the Patuxent River, 190 meters south of the track of the Chesapeake Beach R.R. This signal stands on a small terrace about half way up the hill on the west side of a path leading to the Club House on top of the hill. Signal a pole and flag supported by light braces. Marked by a stub and nail.



MARR

1908

A topog^c signal; pole & flag, on the N.E. side of the hill on the point of land 440 meters north of the R.R. bridge (Chesapeake Beach R.R.) across the Patuxent river and at the mouth of the "Western Branch", on the land of a Mr Marr 66 meters east of Mani house and about 12 meters N.W. of a small house at the landing. Marked by stub nail.

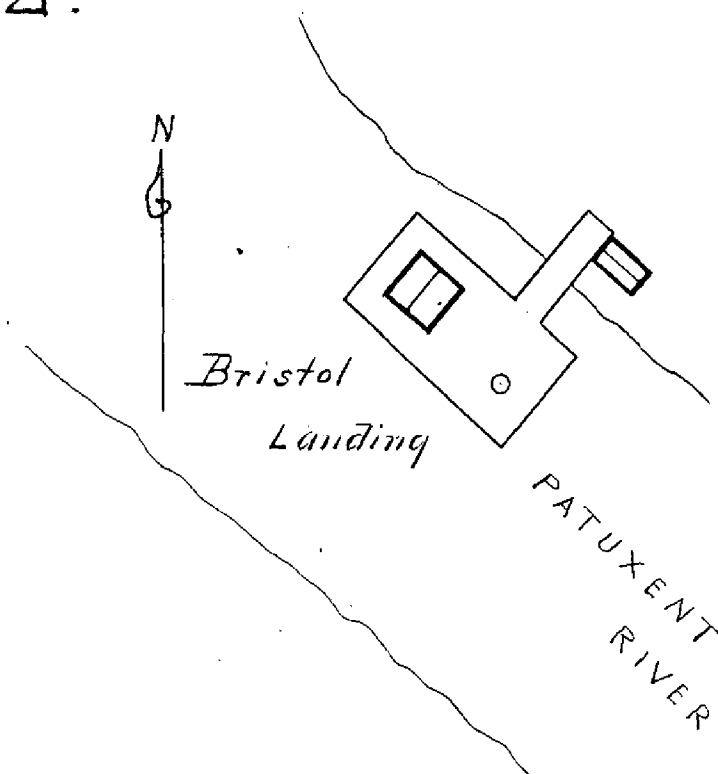


Bristol Landing

1908

Upper Patuxent River, Md.

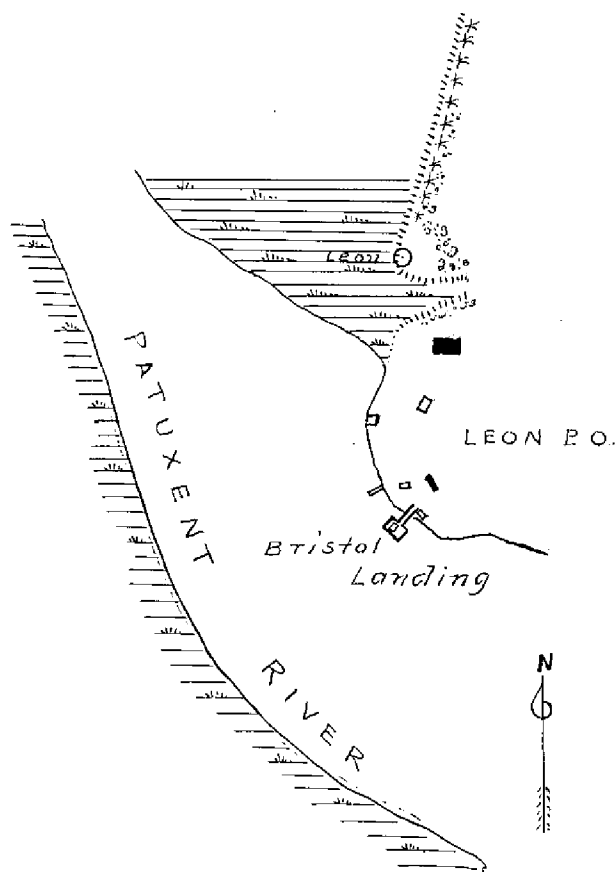
A topog^s signal, pole and flag set on the s.e. side of the old wharf at Bristol Landing. A hole was bored in the planking and a nail in the bottom of the pole rests in the hole. Nails were driven around this hole in the form of a Δ .



LEON

Upper Patuxent River, Md. 1908

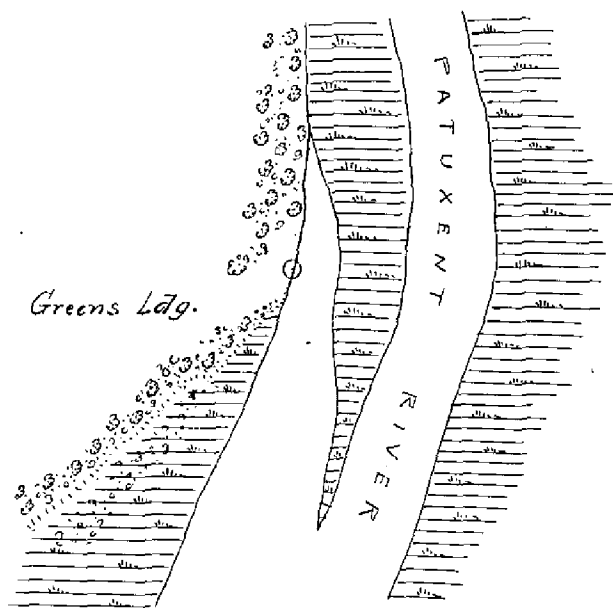
On the east side of Patuxent river on the S.W. end of a low bluff bank on the north side of a small ravine 288 meters north of Bristol Ldg. wharf. Marked by a stub. Signal pole with flag + target.



Greens Landing. Upper Patuxent River Md. 1908

On the west side of Patuxent river at Greens Ldg. 980
meters south of Hills bridge.

The signal is a pole and flag set at High Water
Mark and marked with a stub and nail.



Ferry Landing. w. gable of warehouse 1908

On the eastern side of the Patuxent-river, 800 meters southeast of the wharf at Nottingham. The station is the west-gable of the small warehouse on the wharf.

Weeds house, N.W. chy. 1908

On the east side of the Patuxent-river at Lyons's creek Ldg. The station is the iron? ventilator on top of the large chimney at the northwest end of Mr Weeds's house on top of the bluff at the landing. See sketch of station "Lyons".

Jackson's Ldg. - Clubhouse, east gable. 1908

On the west-bank of the Patuxent-river, 975 meters S.S.E. of the Chesapeake Beach R.R. bridge. The station is the east-gable of the club-house on top of the bluff at Jackson's Landing.

House, west chy.

1908

On the east bank of the Patuxent river, opposite Jackson's Ldg. and 785 meters south of the Chesapeake Beach R.R. and 500 meters N.W. of the mouth of King's Creek. The house stands about 50 meters N.E. of a boat-landing. The station is the chimney at the western end of the house.

Club House, center flagstaff.

1908

On the west side of the Patuxent river, 200 meters south of the Chesapeake Beach R.R. The house stands on top of the hill forming the river bank. The house has a 4 sided roof with a flagstaff projecting from the center which is the point determined.

Traband's Ho. east chimney.

1908

The chy. at the east end of the large house of a Mr. Traband, on the west side of the Patuxent river and north side of the Western Branch, opposite Bristol Landing and 1500 meters N x W of the Chesapeake Beach R.R. bridge.

Upper Patuxent River, Md.

LEON. Schoolhouse cupola. 1908

The finial of the cupola of the school house at Leon or Bristol Landing on the east side of the Patuxent river 1250 meters north of the Chesapeake Beach R.R.

LEON, white house, west gable. 1908

The western gable of a large white farmhouse 180 meters north of the wharf at Bristol Landing or Leon.

Wreck 1908

A pole and flag set on the edge of the marsh on the west side of the river, 1230 meters west + north of Lyon's Creek Ldg., 80 meters south of old wharf at Selby's Ldg., 145 meters N. + W. of wreck of old barge.

Marked by stub nail - Covered at High Water by about 6 inches of water.

Soft 1908.

A pole of flag set in the marsh at the extreme point of the bushes 580 meters S. E. of Jackson's Landing, west side of river. Mud very soft around this locality making it difficult of access.

Wheat

1908

On the west side of the Patuxent river and north side of the Western Branch 1325 meters north of the C.B.R.R. Bridge and 1070 meters west of Bristol Ldg. wharf on the farm of Mr Traband. Signal is a small pole & flag set on the brow of small knoll in a wheat-field 190 meters S.S.E. of Mr Traband's house. A stub was driven at this point but is liable to be plowed up.

TRAB

1908

A pole and flag set on a low ridge in a field on Mr Traband's farm, west-side of Patuxent river, N.W. of Bristol Landing and 620 meters S.S.W. of Green's Ldg. 500 meters approx. N.E. of Traband's house and 50 meters back from the edge of the marsh. Marked by a stub but is liable to be plowed up.

MUD.

A flag in a tree on the east-side of Patuxent river on a prominent point of low trees in the marsh 745 meters north of Bristol Ldg. wharf and 617 meters S.E. from Green's Ldg.

POSITIONS.

State

C. & G. SURVEY,
LIBRARY AND ARCHIVES
JAN 20 1909
Acc No.

AZIMUTH.

BACK AZIMUTH.

TO STATIONS.

DISTANCE.

Meters.

LOGARITHMS.

To accompany Topographic Sheet No. 2878.

List of Geographic Positions

of

signals and other objects determined

by topographic survey of

Upper Patuxent River.

Maryland.

1908

Chief of party

J. B. Boutelle.

Assistant, C. & G. S.

Do not write in this margin.

GEOGRAPHICAL

Locality *Upper Patuxent River Calvert & Prince Georges Cos. Md.*

11-470

STATIONS.	LATITUDE.	Seconds in Meters.	LONGITUDE.	Seconds in Meters.
<i>North Base</i>	<i>38 41</i>	<i>473</i>	<i>76 42</i>	<i>100</i>
<i>Jones</i>	<i>41</i>	<i>830</i>	<i>41</i>	<i>934</i>
<i>Waters</i>	<i>42</i>	<i>348</i>	<i>42</i>	<i>346</i>
<i>Not</i>	<i>42</i>	<i>646</i>	<i>42</i>	<i>262</i>
<i>Ferry Ldg. n. gable of warehouse</i>	<i>42</i>	<i>514</i>	<i>41</i>	<i>982</i>
<i>Tall</i>	<i>42</i>	<i>1441</i>	<i>41</i>	<i>934</i>
<i>Cedar</i>	<i>42</i>	<i>1604</i>	<i>42</i>	<i>92</i>
<i>Flag in gum tree</i>	<i>42</i>	<i>1751</i>	<i>42</i>	<i>95</i>
<i>Nottingham, corner of old wharf, north side of slip. (1860)</i>	<i>42</i>	<i>1023</i>	<i>42</i>	<i>179</i>
<i>Bad</i>	<i>43</i>	<i>218</i>	<i>41</i>	<i>773</i>
<i>Flag in pine tree</i>	<i>43</i>	<i>758</i>	<i>41</i>	<i>1385</i>
<i>Flag in tree</i>	<i>43</i>	<i>946</i>	<i>41</i>	<i>717</i>
<i>Rus</i>	<i>43</i>	<i>1467</i>	<i>41</i>	<i>505</i>
<i>Cal</i>	<i>43</i>	<i>1577</i>	<i>41</i>	<i>1251</i>
<i>Island</i>	<i>44</i>	<i>892</i>	<i>41</i>	<i>1287</i>
<i>Mat</i>	<i>44</i>	<i>1364</i>	<i>42</i>	<i>3</i>
<i>Lyons</i>	<i>44</i>	<i>1636</i>	<i>41</i>	<i>170</i>
<i>Weed's ho. n.w. chy.</i>	<i>44</i>	<i>1653</i>	<i>41</i>	<i>146</i>
<i>Wreck</i>	<i>45</i>	<i>67</i>	<i>41</i>	<i>1333</i>
<i>Bluff</i>	<i>45</i>	<i>621</i>	<i>42</i>	<i>26</i>
<i>Flag in pine tree</i>	<i>45</i>	<i>671</i>	<i>41</i>	<i>692</i>
<i>Flag in tree</i>	<i>45</i>	<i>1273</i>	<i>41</i>	<i>836</i>
<i>Down</i>	<i>45</i>	<i>1721</i>	<i>41</i>	<i>987</i>
<i>Soft</i>	<i>46</i>	<i>142</i>	<i>42</i>	<i>432</i>
<i>Back</i>	<i>46</i>	<i>618</i>	<i>42</i>	<i>773</i>
<i>Club ho. e. gable (Jackson Ldg.)</i>	<i>46</i>	<i>634</i>	<i>42</i>	<i>847</i>
<i>Will</i>	<i>46</i>	<i>775</i>	<i>42</i>	<i>112</i>
<i>House, west chy.</i>	<i>46</i>	<i>801</i>	<i>42</i>	<i>30</i>
<i>Flag in tree</i>	<i>46</i>	<i>1301</i>	<i>42</i>	<i>349</i>
<i>Rob</i>	<i>46</i>	<i>1327</i>	<i>42</i>	<i>1408</i>
<i>Club ho. center flagstaff.</i>	<i>38 46</i>	<i>1317</i>	<i>76 43</i>	<i>1</i>

Do not write in this margin.