DESCRIPTIVE REPORT.

Topographic Sheet No. 2878

LOCALITY:
Patapsco River from Jones Point to Hill Bridge and Upper Marlboro.

CHIEF OF PARTY:
J.B. Boutelle
<table>
<thead>
<tr>
<th>STATIONS</th>
<th>LATITUDE</th>
<th>Seconds in Meters</th>
<th>LONGITUDE</th>
<th>Seconds in Meters</th>
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Locality: Upper Patuxent River, Calvert & Prince Georges Co., Md.
Department of Commerce and Labor
COAST AND GEODETIC SURVEY
Washington

Descriptive Report
Topographic Sheet No. 2878,
Upper Patuxent River from Jones Point to Hill's
Bridge and Western Branch to town of Upper Marlboro, 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 de-
termination of the distance between them. The az-
imuth 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 be-
ing 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,

[Signature]

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 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. 190.22

Observations with B. + B. 7 m. thrd.

At North Base

Jones (1908) to South Base

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<tr>
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At South Base

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At Jones (1908)

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<td>60 50 00</td>
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At North Base

Nov. 13, 1908 4 a.m. 75°4 min. time

Polaris at Western Elongation 0 00 00.0

Jones, 1908 67 17 25.0

Azimuth of Polaris at W. S. 1 30 37

Jones, 1908 59 46 48 E. of North
<p>| | | |</p>
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<td>2.279 256</td>
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<td>S. Base</td>
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<tr>
<td>&quot; South Base</td>
<td>842.4</td>
<td>2.925 535</td>
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</table>

Above distances verified approximately by telewetio 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
Bowling's Landing, Upper Patuxent River, Md.

On the S.E. point of the small bluff on the north side of
Bowling's Ldg. opposite Jones Pt. and about 47 meters north
of the small house on the shore at the Ldg. and about 2 meter
west of the edge of the bluff which is partially covered
with a growth of small wild cherry trees. It is about
60 meter 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 meter
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 stumps with D & nail. North 146
East 108
South 148

Marked by 2 blocks of cement
Concrete one over the other and
about 3 ft. long & 1 ft. square.
Nail in cement marks
Stations:  Waters and Not.

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 stick and 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 Trenton place. Signal pole and flag. Marked by a stick 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 cement marking A. Over this is a wooden box about 21 feet long and 8 inches square filled with cement-concrete and a nail in cement marking the A. Top of box flush with ground.

Distance to A nail on large black gum tree on south end of point 43.32. Distance to A nail on pine tree east of A and about 6 feet higher 8.4
TALL

Upper Patuxent River, Md. 1908

At 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 and target. Marked by stub and mail.
Bad

Upper Patuxent River, Md.

A small topographic signal with flag & target set on the east bank of the Patuxent River on the north side of a small gulley 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.
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 stake and nail.
C'AL  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 metres north of a large cedar tree, on the top of a low bank. Small tripod signal. Marked by a stub and nail.
On the west side of the Patuxent River and on the north 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 A 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 trail.
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 Mrs. Weeds' house on the top of the bluff. Marked by a square glass bottle filled with ashes. None of bottle 2 feet under ground. Surface mark a locale stub about 6 inches diam. and 2 1/2 ft. long projecting 6 inches above ground. Nail in center of stub marks station point.

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

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 180 meters north of the remains of the old wharf at Selby's landing. The A 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-stump 4 inches in diameter and 2 feet long with nail in center marking A. Top of stump is flush with the ground.

Distance to A: nail on exrace stump on edge of bluff. East    meter 2.26

" " " " " " " " " " " " " " " " " " " " S.E. 3.04

" " " " " " " " " cedar  S. 14.90

Bluff
Patuxent River
Selby's Log.
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 a nail on oak tree, NW.  
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.
On the east side of Patuxent river 1450 miles S.E. of Jackson's Edq. and on the first prominent point 600 miles 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.
On the east side of the Potomac River, 300 meters south of the Chesapeake Beach R.R. and 640 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 and nail.
On the east side of the Patuxent River on the embankment of the Chesaapeake and Ohio railroad, about 90 meters from the east end of the embankment and about 3 meters south of the track. Signal a pole by flag supported by small branches. Marked by slab and nail.
ROB 1908

On the west bank of the Patuxent River, 190 meters south of the track of the Chesapeake Beach R.R. The 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.
A Topographical Signal, pole flag, on the W. 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 F. M. Marr 66 meters east of Marri house and about 12 meters N.W. of a small house at the landing. Marked by stub rail.

Chesapeake Beach R.R.
Bristol Landing

Upper Patuxent River, Md.

A topographic signal pole and flag set on the s.e. side of the old wharf at Bristol Landing. A hole was fixed in the planting 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.
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 miles north of Bristol Edg. Wharf. Marked by a stub. Signal pole with flag & target.
Greens Landing. Upper Patuxent River Ind. 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 post and nail.
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 Lyric Creek Ldg. The station is the iron ventilator on top of the large chimney at the northwest end of Mr. Weeds house on top of the bluff at the landing. See sketch of station "Lyric".

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.
At 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

At 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 No. 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.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 and north of Lyon's Creek Edg., 80 meters south of old wharf at Selby's Edg., 145 meters N. X. 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 break at 580 meters S. E. of Jackson's Landing, west side of river. Mud very soft around this locality making it difficult of access.
Upper Patuxent River, Md.

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. Irland. Signal is a small pole flag set on the brow of small knoll in a wheat field 190 meters s.s.e. of Mr. Irland’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. Irland’s farm, west side of Patuxent river, N.W. of Bristol Landing and 620 meters s.s.w. of Queen Ldg. 500 meters approx. N.E. of Irland’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 Queen Ldg.
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.
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<tr>
<th>STATIONS</th>
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<th>LONGITUDE</th>
<th>Seconds in Meters</th>
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