

2358

Diag. Cht. No. 77-1

U. S. COAST AND GEODETIC SURVEY.

, Superintendent.

State: *Md.*

DESCRIPTIVE REPORT.

Hydrographic Sheet No. 2358

LOCALITY:

*Patapsco River, from
Bodkin Point to Fort
Carroll*

1898.

CHIEF OF PARTY:

H. L. Maxfield

2358

Hyd. Sheet No 2358.

U. S. GEOLOGICAL SURVEY
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Descriptive Report

Title:

Treasury Department
U. S. Coast & Geodetic Survey.
H. S. Pritchett, Sup.

Patapsco River

From Bodkin Point to Fort Carroll
Maryland.

H. L. Merriam, Asst. Chief of Party
Schooner "Eagle".

June 4th to Sept 16, 1898.

Scale $\frac{1}{10,000}$

Statistics:

Total No. of angles. 8283

" " " Sdgs. 30216

" " " Miles 557.8

Members of Party:

Observer, Assistant Geo. L. Flower
Chief Geo. W. B. Proctor
V. S. Pay Geo. Eugene Veitch
Sailmaker Ma. J. E. Osterman

Recorders, Chas Selden Jr
Sea. Jas. E. Lawrence
Sea. George Collier
Sea. A. S. Hansen

Leadsmen.

Tr Mstr E. W. Brooks
Sea. Andy White
Sea. W. Sharkey
Sea. W. Larsen

Tide observers

Sea. Welf Carpenter
Sea. W. Wopschel
Sea. Th Andersen
Sea. J. A. Karlsen
Lt's Keeper J. Berntsen

The tides were observed at Fort Carroll, Sparrow Point and at Seven foot Knoll, the principal station was at Fort Carroll where the permanent bench mark was located.

The sheet covers the mouth of the Potomac River and the channel through which all the vessels bound for Baltimore must pass. This channel is maintained by dredging to about 27 feet at mean low tide. It was the location

of submarine mines under protection of Forts
Parrott et al. during the Hispano American
War in 1898.

Several creeks empty into the part of the River
adj. on the North shore, Bear, Humphreys, North Point
and Shallow Creeks. On the South shore, Stony,
Rock and Bodkin Creeks. The shores are
comparatively low and are under cultivation
in most places to the edge of the water.

The large Steel Plant of the Maryland
Steel Co. is situated at Sparrow Point on the
North shore. a dredged channel is maintained
from the Point to the main channel.

Henry L. Harnden
Assistant - Chief of Party

(Sheet 2358)

M. A. Underhill

Wm. B. Underhill to W. Carroll

Palmyra River

No. 17. TREASURY DEPARTMENT

Mem. for Inspectors of Charts.

On the whole this is a fine sheet. The work was done with care and good system. The frequency and great regularity of positions is one of the features of the work. The crossings are generally good; there are some discrepancies of from $\frac{1}{2}$ foot to 1 $\frac{1}{2}$ feet, which may be due to the sticky bottom. Note however should have been taken of the half dozen or so doubtful soundings. They have been retained until further data can be obtained for verification.

With the exception that "Remarks" were not made as often as occasion would seem to call for the record is in excellent shape.

A. C. Willenbacher

Jan. 25, 1898