

LIGHT HOUSE							
Name	Latitude	Longitude	Height	Character	Light	Color	Day Signal
Cove Point Light House	38° 23' 10" N	76° 25' 55" W	20' 0"	2nd Order	1st Class	White	Ball
Drum Point	38 19 53	76 25 (0)	5 05 51 3	2nd Order	1st Class	White	Ball
Cedar Point							Ball

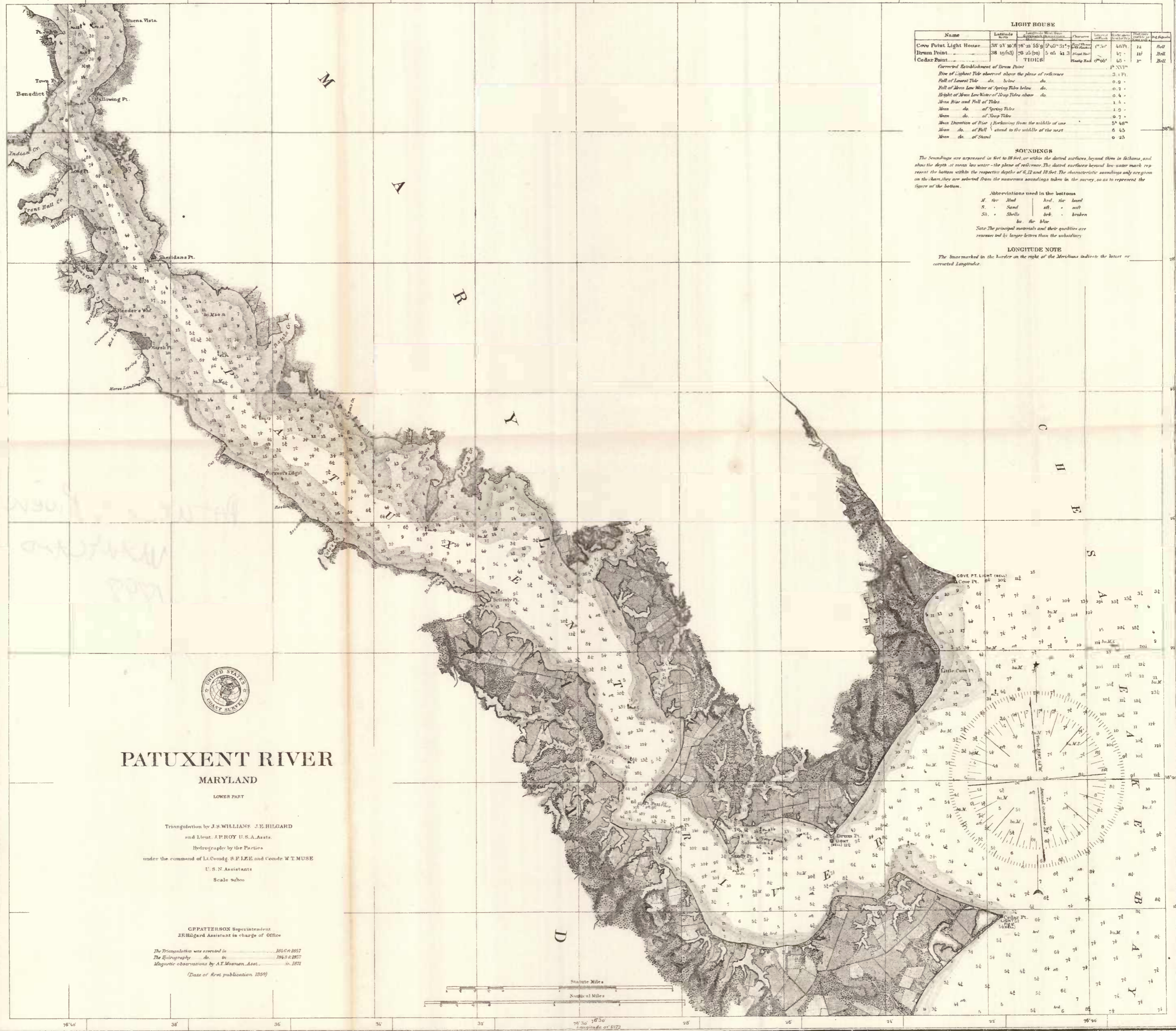
*Corrected Establishment of Drum Point*

Rise of Highest Tide observed above the plane of reference	3.1 Ft.
Fall of Lowest Tide do. below do.	0.9 "
Height of Mean Low Water of Spring Tides below do.	0.2 "
Height of Mean Low Water of Neap Tides above do.	0.4 "
Mean Rise and Fall of Tides	1.5 "
Mean do. of Spring Tides	0.7 "
Mean do. of Neap Tides	0.7 "
Mean Duration of Rise ( reckoning from the middle of one	5 <sup>h</sup> 48 <sup>m</sup>
Mean do. of Fall ( extend to the middle of the next	6 45
Mean do. of Stand	0 25

**SOUNDINGS**  
 The Soundings are expressed in feet to 10 feet, or within the dotted surfaces, beyond them in fathoms, and show the depth at mean low water - the plane of reference. The dotted surfaces beyond low-water mark represent the bottom within the respective depths of 6, 12 and 18 feet. The characteristic soundings only are given on the chart, they are selected from the numerous soundings taken in the survey, so as to represent the figure of the bottom.

**Abbreviations used in the bottom**  
 M. for Mud      S. for Sand      Sh. for Shells      bk. for broken  
 G. for Gravel      C. for Coral      Ss. for shells      bk. for broken  
 Note: The principal materials and their qualities are expressed by larger letters than the subsidiary.

**LONGITUDE NOTE**  
 The lines marked in the border on the right of the Meridians indicate the extent of corrected Longitude.



# PATUXENT RIVER

MARYLAND

LOWER PART

Triangulation by J.S. WILLIAMS, J.E. HILGARD  
 and Lieut. J. PROY U.S.A. Ass'ts.  
 Hydrography by the Parties  
 under the command of Lt. Comdr. S.F. LEE and Comdr. W.T. MUSE  
 U.S.N. Assistants  
 Scale 1:5000

C.P. PATTERSON Superintendent  
 J.E. Hilgard Assistant in charge of Office

The Triangulation was extended in 1866 & 1867  
 The Hydrography do. do. 1849 & 1857  
 Magnetic observations by A.T. Moorman, Ass't. in 1871  
 (Date of first publication 1859)



Note: One kilometre or 1000 metres = 3280.83 ft. = 1/3 of a statute mile nearly. One statute mile = 1609.35 metres.