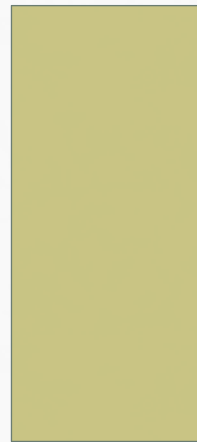


HISTORIC PRESERVATION & TRAILS

MAKING THE CONNECTION



WHY DO TRAILS & HISTORIC SITES WORK TOGETHER?

- Shared goals, constituencies, tactics
- Users are looking for similar environments
 - Authentic
 - Connective
 - Safe
- Often overlap in environments



TRAILS AS ECONOMIC DEVELOPMENT

- Trails Drive Local Business
 - Attract Visitors
 - Visitors Spend Money
- Types of Economic Impact
 - Direct (sales, labor, taxes, project expenditure)
 - Indirect (increased activity at those that support direct)
 - Induced (effect of increased consumer spending)
- Trails can mean savings
 - Mode shift
 - Air Quality
 - Health Savings
 - Costs of Traditional Infrastructure

SIMILAR CONSTITUENCIES



- Advocates
- Elected Officials
- Economic Development Groups
- Business Owners
- Property Owners
- Planners

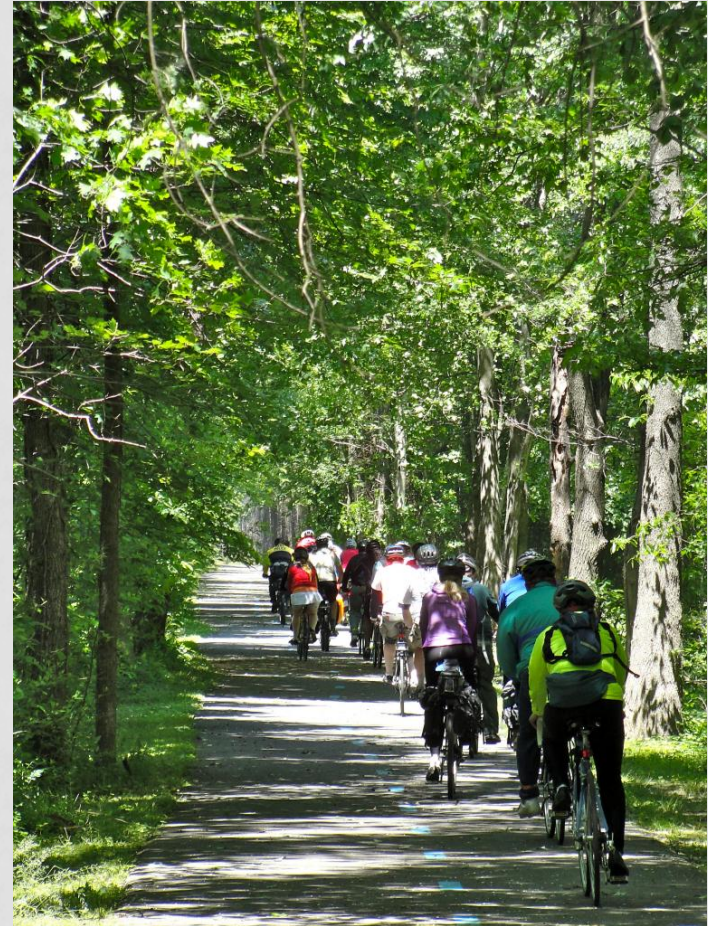
SIMILAR TACTICS

- Business Improvement Districts
- Main Streets
- Trail Towns
- All can use similar methods to achieve events, security, maintenance.



SIMILAR ROLES FOR OWNERS

- Work to make a trail
 - and a historic site
 - a destination through events and plans
- Be creative to adjust to users
- Co-location in authentic locations



SIMILAR NEEDS/USERS

- Trail users tend to run the spectrum, but in particular they are older, more wealthy
- Those seeking historic sites and experiences tend to be older, more wealthy
- Younger users are looking for authentic experiences, where they can meet others and connect
- Both trails and historic places can meet those goals

TRAILS AS HISTORY

- Trails often represent old transportation corridors or natural landscapes
- Trails can connect historical concepts to natural concepts
- Trails can connect historical locations



VIBRANT, TRAIL ORIENTED



CONNECTING TO HISTORY



WAYS TO CONNECT



BRINGING PEOPLE TO THE TRAIL



BIKESHARE AS LOCAL ASSET



WHAT CAN WE DO?

- Educate businesses – trails can drive businesses, preservation can save money
- These are economic assets – not bonus
- Trails and preservation advocates can market together
- Business owners don't have the time to come to meetings – go to them
- Collect data on users
- Incentivize businesses in historic locations, along trails
- Know that trails are slower than roads, so find ways to keep them wanting more
- See ways to mix transportation and preservation

FACTORS FOR SUCCESS

- Cluster businesses together
- Seek out unique events to share
- Find shared marketing options
- Make sure areas are safe – both historical and not
- Watch for physical barriers
- Make sure there is plenty of parking, water, repair options
- WAYFINDING!

EXAMPLES



- Great Allegheny Passage – Trail Towns
- Indianapolis Cultural Trail
- Katy Trail
- Delaware and Lehigh NHA
- Virginia Creeper Trail
- Island Line (VT)
- C&O Canal

THANK YOU

AARON MARCAVITCH, ATHA INC.



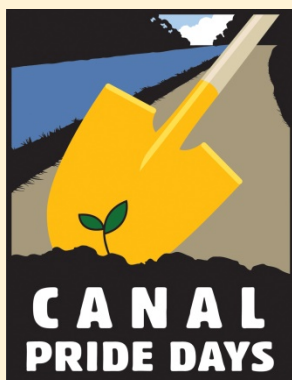
Recreation and Historic Preservation at the C&O Canal National Historical Park

Becky Curtis, Director of Programs and Partnerships
C&O Canal Trust



C&O Canal Trust

- The **C&O Canal Trust** is a **501(c)3 nonprofit** organization that works in **partnership with the C&O Canal National Historical Park**.
- We **raise funds and advocate** for preservation and visitor enhancement projects.
- Manage over **1,500 volunteers** in preservation, conservation, and maintenance projects.
- **Provide Park experiences** to allow visitors to experience the beauty and history of the Park.
- Focus on **recruiting and inspiring the next generation** of Park lovers.



Chesapeake and Ohio Canal

National Historical Park



- | | | | |
|-------------------------|---------------------------|-----------------------|----------------------|
| Canal and towpath trail | Rapids and hazardous area | Parking | Snack bar |
| Other trail | | Restrooms | Picnic area |
| | | Wheelchair-accessible | Hiker-biker campsite |
| | | Emergency telephone | |



C&O Canal History



- Chesapeake and Ohio Canal Company planned to build a continuous canal that would parallel the Potomac River instead of using it, linking the Chesapeake Bay and Ohio River Valley
- Canal was hand dug, and not officially completed until 1850, at the total cost of \$11 million
- From 1850-1871 the canal trade thrived, with major exports included coal, flour and iron
- A series of disastrous floods led to it's closing in 1924
- Land sold to the Government, and declared a National Park in 1971.



An amazing National Park experience, loved by 5 million visitors a year!

- 20,000 acres with unusual geologic and natural diversity
- **Over 1,300 historic structures (more than any other National Park!)**
- Engineering marvels of bridges, tunnels, locks
- Ranks in top 5 national parks in the country for its natural diversity.
- 1400+ different plants; 300 rare or concern species.
- **184.5 miles of continuous multiuse trail! One of the greatest National Parks for trail based bicycling.**



Recreation on the C&O Canal

- 20,000 acres of Parkland in Montgomery, Frederick, Washington, Allegany Counties
- 184.5 miles of Towpath trail
- 32 hiker-biker campsites
- 5 drive in campgrounds
- 7 Canal Quarters lockhouses for overnights
- 9+ gateway Canal Towns

Billy Goat Trails A, B, C

Capital Crescent Trail (in D.C.)

Western Maryland Rail-Trail (managed by MD State Parks)

Carderock Rockclimbing Area and Pavillion

29 Motorized Boat Ramps (DNR) and Paddle Launches

14 miles of trails at Great Falls

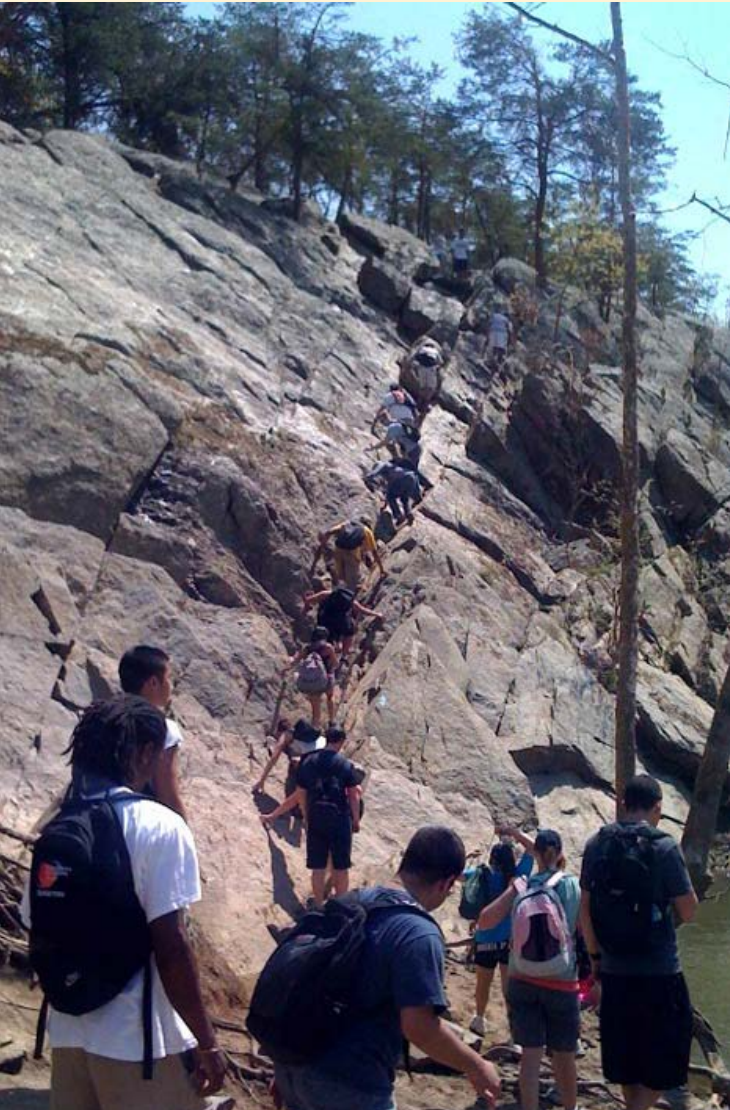
Horseback riding

Fishing



Recreation on the C&O Canal

Hiking



Recreation on the C&O Canal Biking



Free Weekend Bike Loans Available At Great Falls and Williamsport



Recreation on the C&O Canal

Camping



Recreation on the C&O Canal Bikepacking



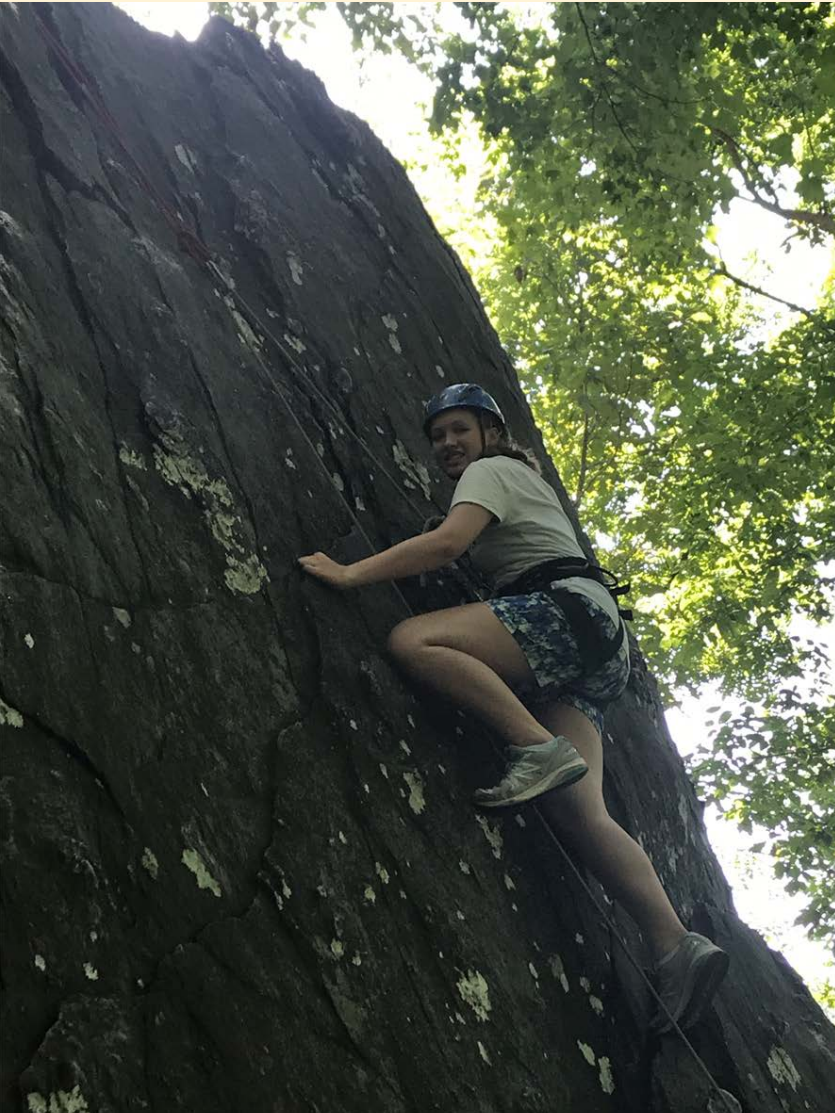
Recreation on the C&O Canal

On the water



Recreation on the C&O Canal

Rock climbing



What makes recreation on the C&O Canal so popular?

Proximity to high density areas

Connectivity to outdoor recreation networks

- Great Allegheny Passage
- DC Trails Network
- Maryland Trails
- Potomac River

Low barrier to entry

- Hike/Bike
- Canal Quarters
- Canal Towns
- No entrance fees (except at Great Falls)



Canal Quarters

Immersive, overnight, self-guided interpretive program “Stay Overnight in a Lockhouse!”

- Adaptive reuse of historic structures
- Self-sustaining funding mechanism to provide for program operations and preservation maintenance.
- Provides unique hut-to-hut interpretive experience for recreational visitors





















Canal Towns Partnership

Regional economic development and marketing partnership connecting 9 of the C&O Canal's "gateway" towns in Western Maryland and West Virginia to reap the benefits of trail-based recreational tourism.

The Canal Towns Partnership was modeled after the Great Allegheny Passage's Trail Town Program.

Canal Towns

Cumberland

Sharpsburg

Hancock

Harpers Ferry and Bolivar

Williamsport

Brunswick

Shepherdstown

Point of Rocks



Creating a Trail Towns Program

1. Build a coalition with neighboring historic sites, towns, neighborhoods etc to capitalize on shared recreational tourists.
2. Conduct an asset inventory, find gaps, and seek funding for improvements.
3. Market (as a team) the full recreational experience, including all sites, towns, etc.

***Check out Trail Town Guide
by the Progress Fund!***



Resources:

Canal Quarters Program: www.CanalQuarters.org or contact me!

Trail Town Guide by the Progress Fund: <https://www.trailtowns.org/guide/>

C&O Canal National Historical Park: www.nps.gov/choh

C&O Canal Trust: www.CanalTrust.org

Great Allegheny Passage: www.Gaptrail.org

Becky Curtis

Director of Programs and Partnerships

C&O Canal Trust

Curtis@CanalTrust.org

301-745-8888



Watersports and Historic Preservation

Connecting People to our Waterways and History



Charlie Stek







3 objectives:

1. natural resource and environmental protection,
2. economic revitalization,
3. historic and cultural preservation.



Program conceived as a mechanism for

- improving public access to the waters of the Chesapeake
- enhancing public education and stewardship of the many natural, cultural and historical resources of the Bay region

CHESAPEAKE BAY

GATEWAYS & WATERTRAILS NETWORK



SEE AMERICA

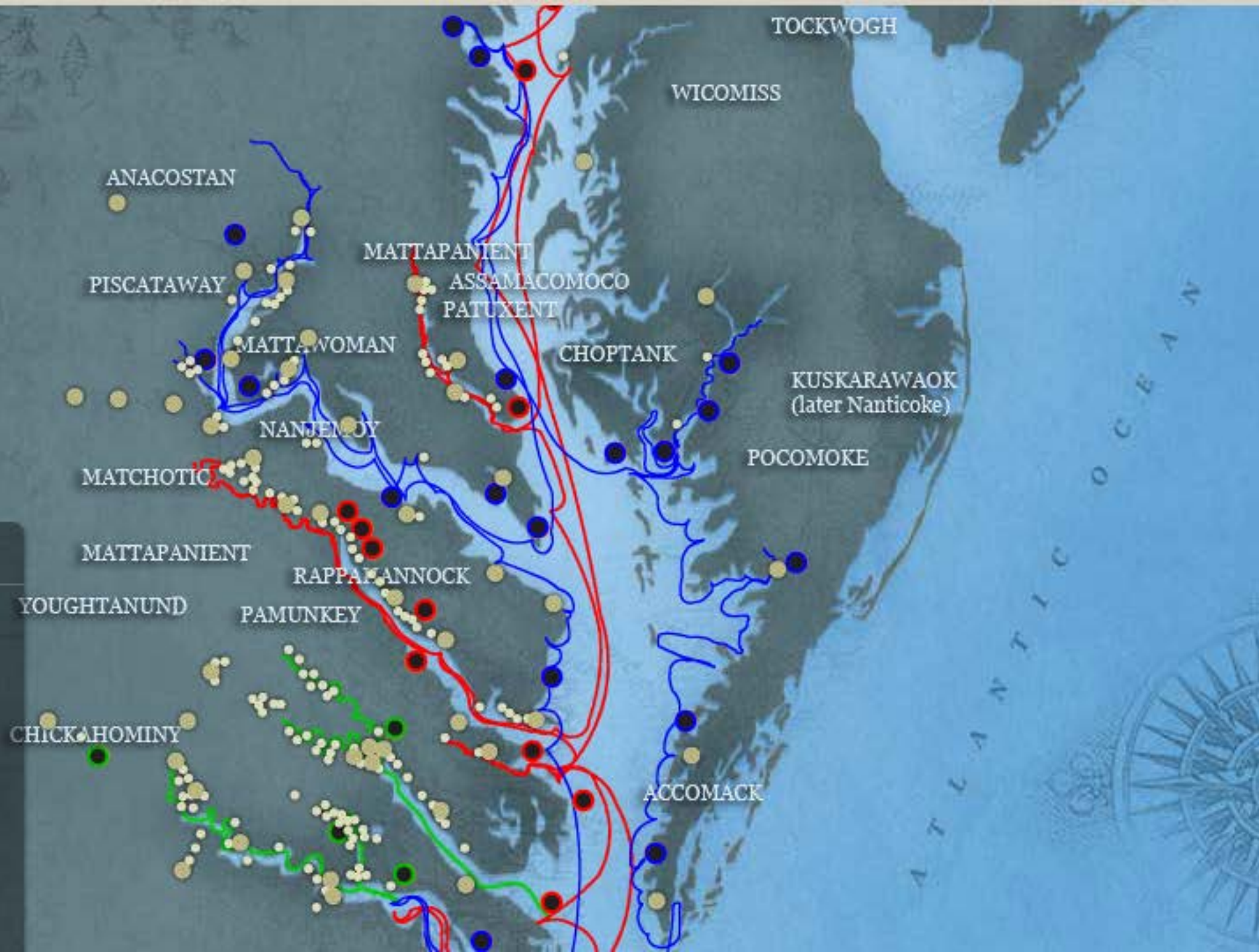


Captain John Smith HISTORICAL MAP

- Click icons in key to turn markers on and off.
- Rollover items for information
- Click Points of Interest for more information

KEY

- | | | |
|--|--|--|
| | | Smith's First Voyage June 2 – July 21, 1608 |
| | | Smith's Second Voyage July 24 – Sept. 7, 1608 |
| | | Other Smith Explorations 1607 - 1609 |
| | | Chiefs Towns & Other Indian Settlements |
| | | Points of Interest |





National Park Service
U.S. Department of the Interior



George Washington
Birthplace
National Monument



Star-Spangled Banner National Historic Trail



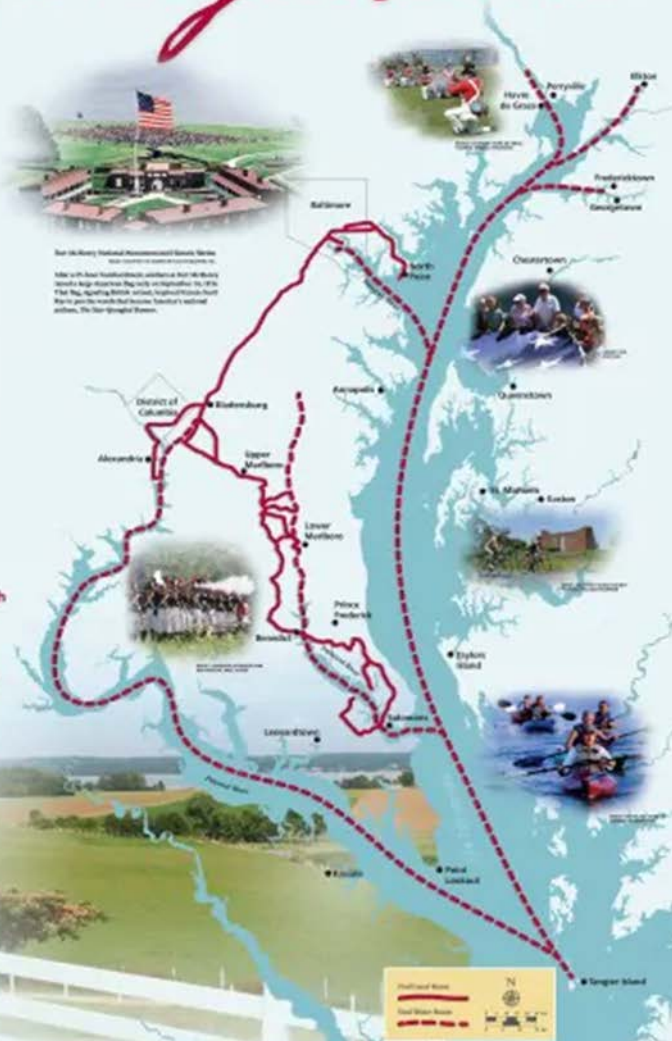
"O! say can you see..."

The Star-Spangled Banner
National Historic Trail traces the War of 1812 in the Chesapeake. Along the trail you'll encounter tangible evidence of the war and stories that bring the people and events to life. Discover the far-reaching impacts of the war on this country and the world.

Experience the Trail

- * Drive through rural landscapes and historic communities
- * Paddle or cruise waterways where British and American troops once traveled
- * Witness battles at reenactment events
- * View the original Star-Spangled Banner flag and visit the house where it was made
- * Hike or bike trails with stops at historic sites and scenic overlooks
- * Join in commemorative events throughout the region

To explore the trail, visit
www.starspangledtrail.net
www.nps.gov/stsp



Partners on the Trail



2011 AMERICA'S GREAT OUTDOORS INITIATIVE

| | |
|------------|---|
| Empower | Empower communities to connect with America's great outdoors through their rivers and other waterways. |
| Establish | Establish the AGO National Recreational Blueway Trails Initiative to increase access to recreation. Recommendation |
| Facilitate | Facilitate recreational access to the nation's waterways. Support restoration and conservation of rivers, bays, coasts, lakes, and estuaries for recreation, healthy fisheries, and wildlife habitat. |

TRENDS IN OUTDOOR RECREATION

**Outdoor
Recreation
continues to
rise**

Nearly 50% of Americans

More than attend NHL, NFL, NBA games
combined

**142 million
Americans
went boating
in 2016 –
36% of
households**

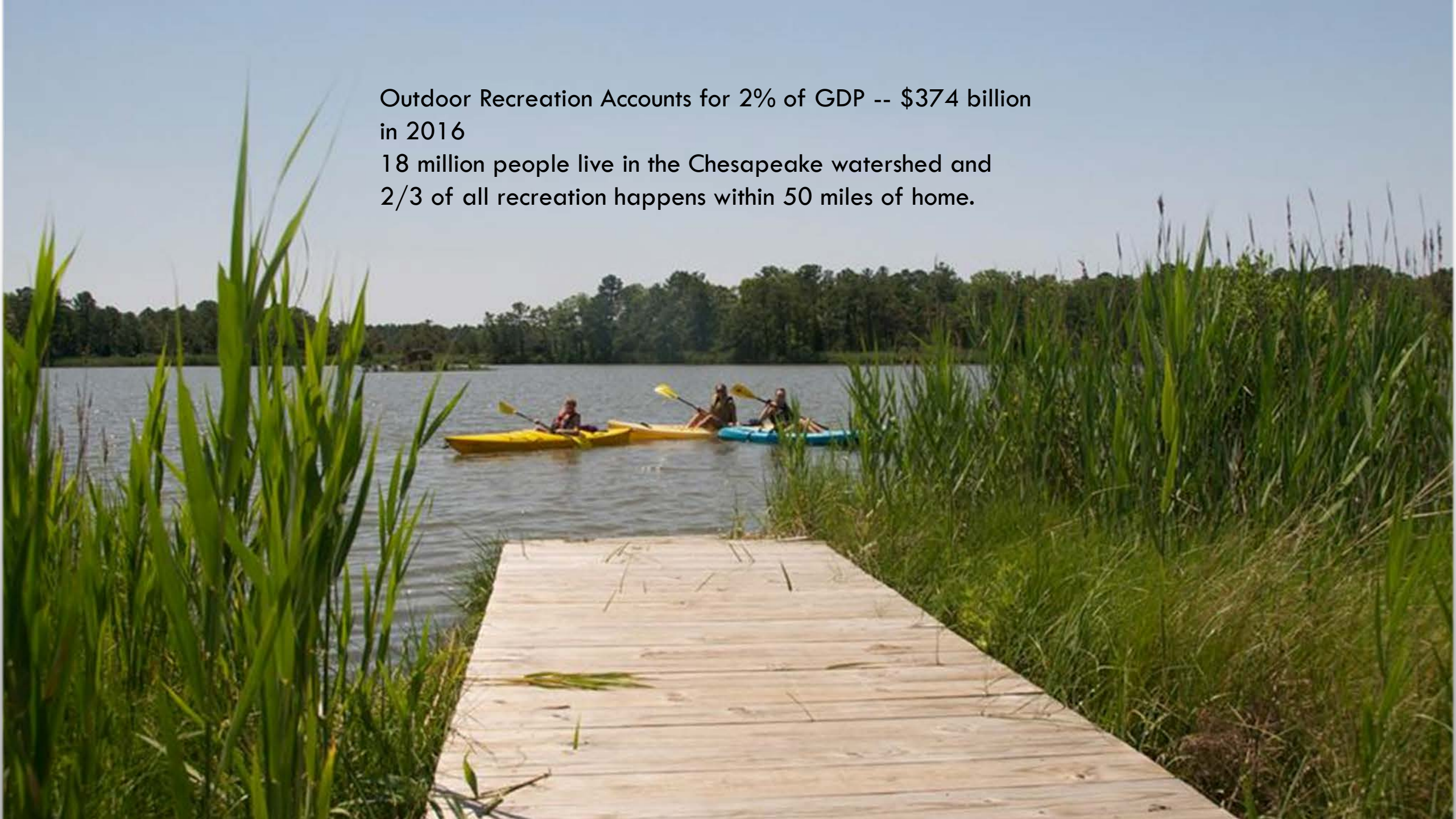
**Paddlesports
continue to
rise**

21.7 million Americans -- \$7.4% of population

216 million outings in 2014

Outdoor Recreation Accounts for 2% of GDP -- \$374 billion
in 2016

18 million people live in the Chesapeake watershed and
2/3 of all recreation happens within 50 miles of home.





Mallows Bay-Potomac River National Marine Sanctuary

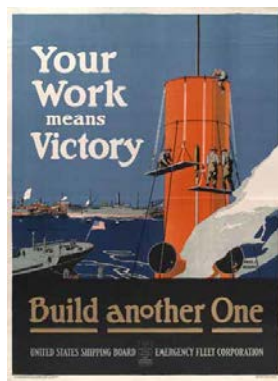
(in designation process)



APRIL 2017

CENTENNIAL COMMEMORATION

World War 1 Centennial Commemoration

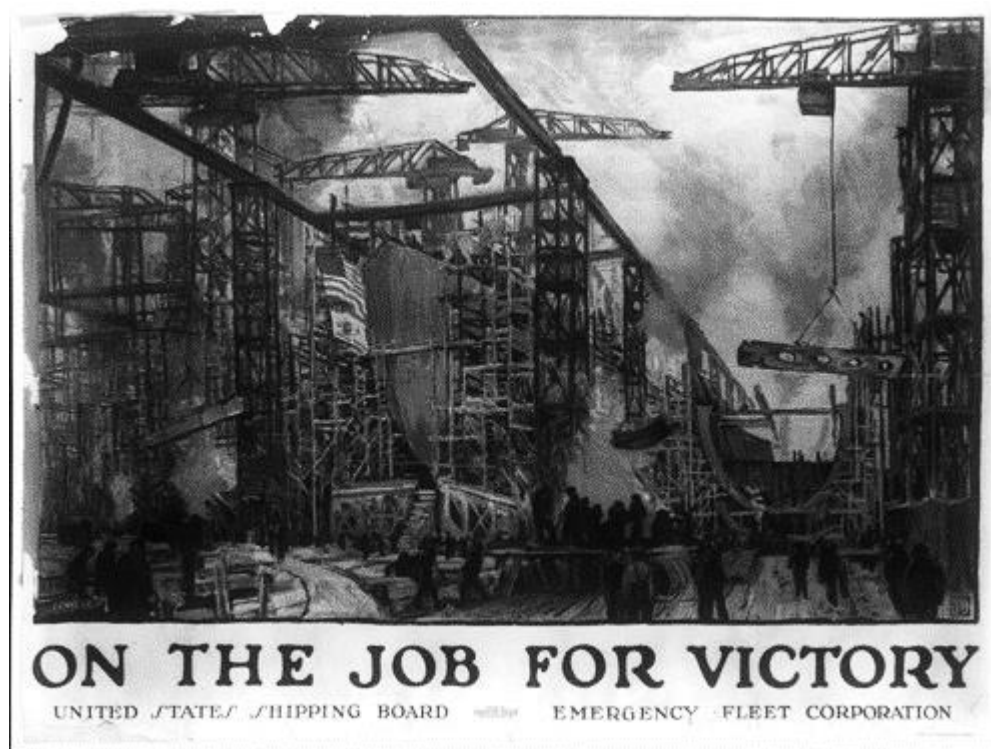


AN IMPORTANT CHAPTER IN US HISTORY

April 1917

The US Enters WWI:

The Call for One Thousand Ships in 18 Months!

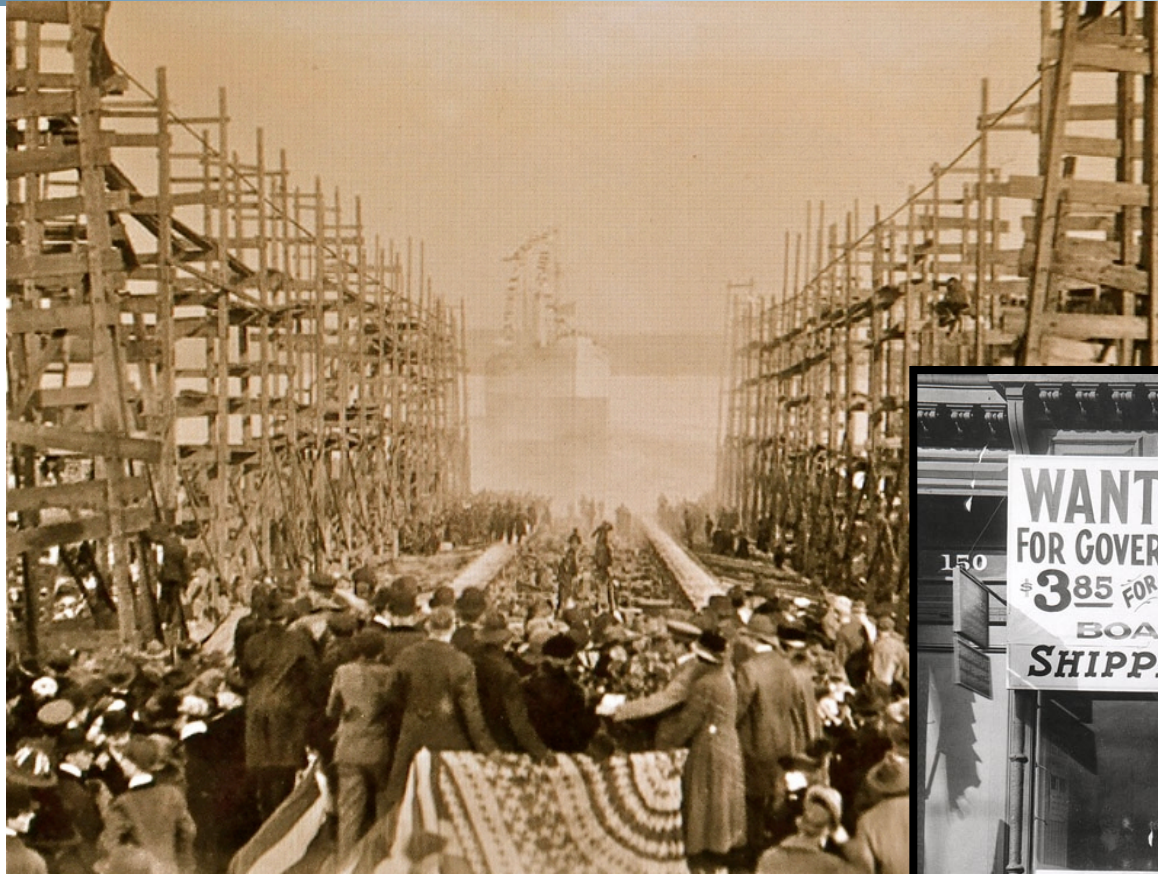


A NATIONWIDE PRIORITY

Map 14. Distribution of United States Shipyards Represented by Vessels Identified in Mallows Bay, Maryland as of 11 August 1929



MAJOR JOBS PROGRAM AND COMMUNITY DEVELOPMENT



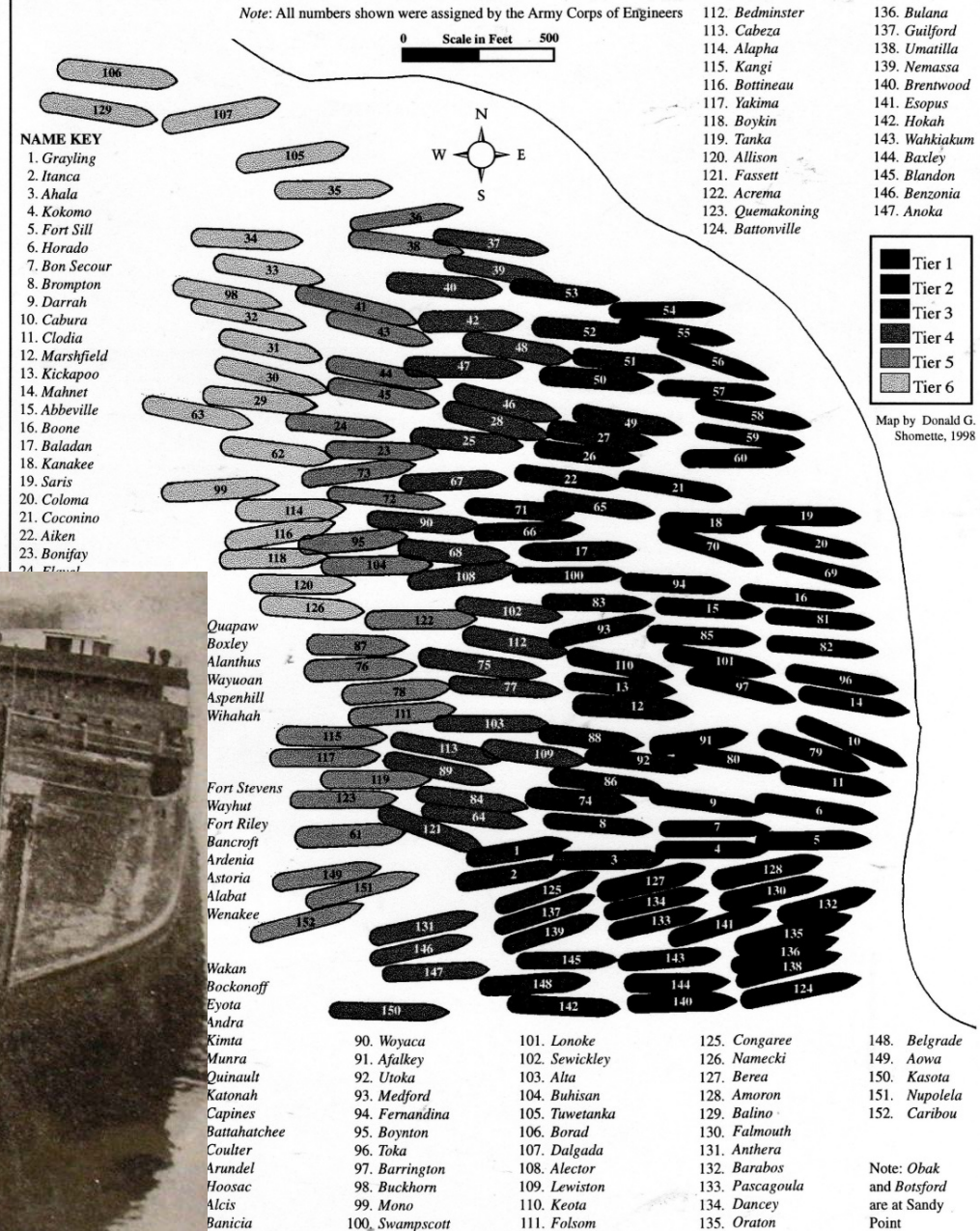
JULY 4, 1918



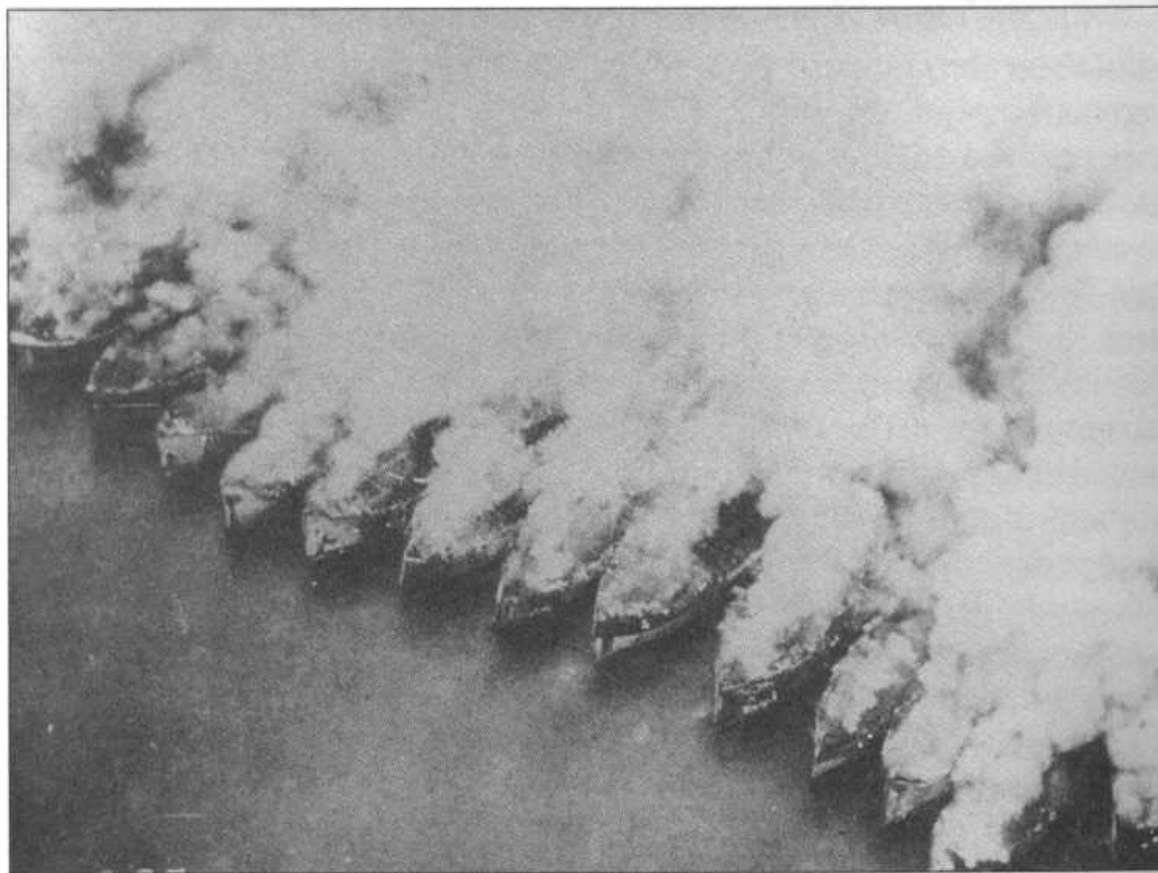


Grounded Fleet
Mallows Bay, 1925
(National Archives)

Map 3. Disposition of USSB Steamship Hulks in Mallows Bay 11 August 1929



NOVEMBER 7, 1925



Thirty-one wooden U.S. Shipping Board steamers go up in smoke on November 7, 1925, the greatest destruction of shipping at one time in the history of the Potomac River. Courtesy National Archives and Record Service

SHIP BREAKING OPERATIONS

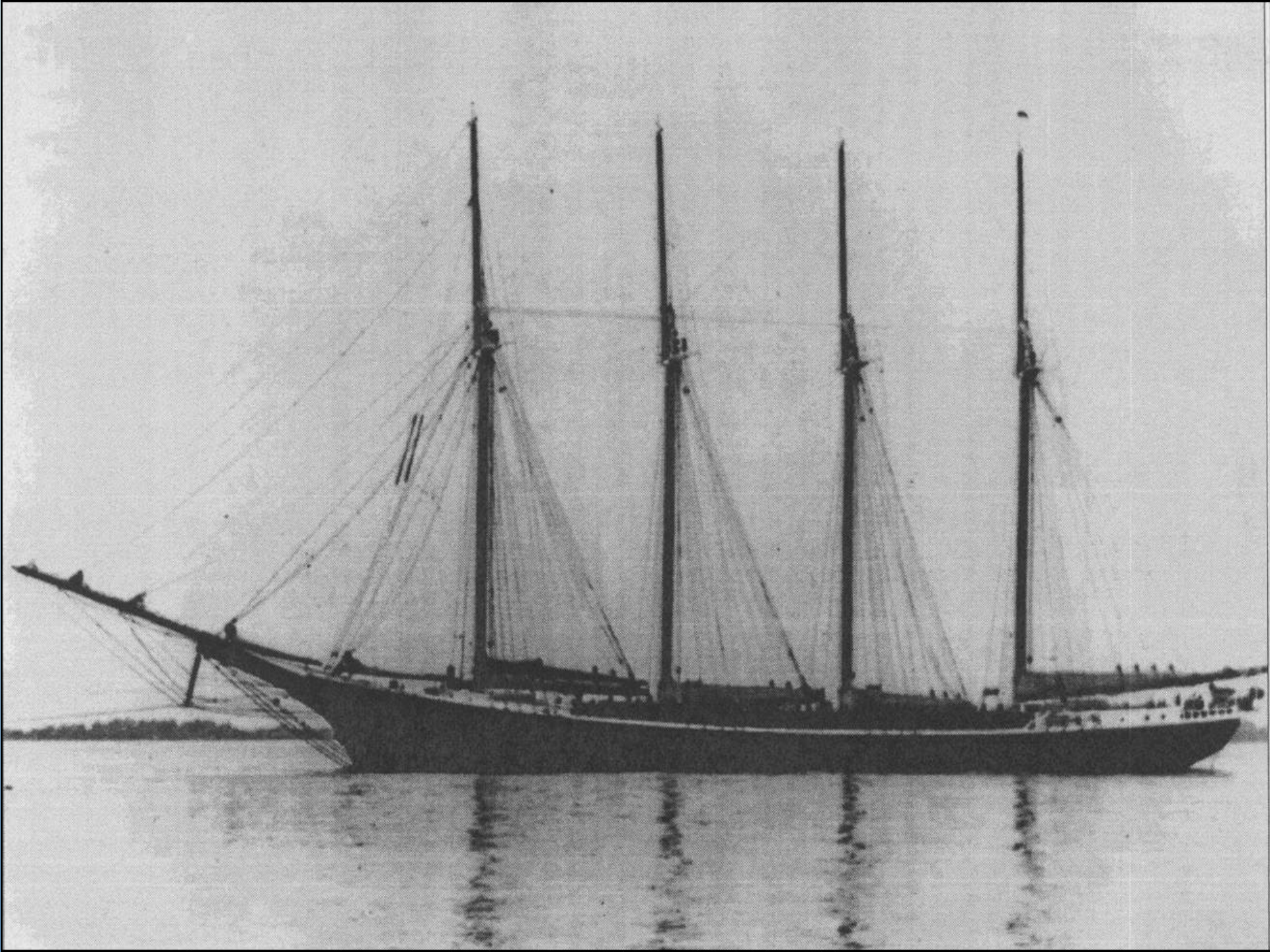




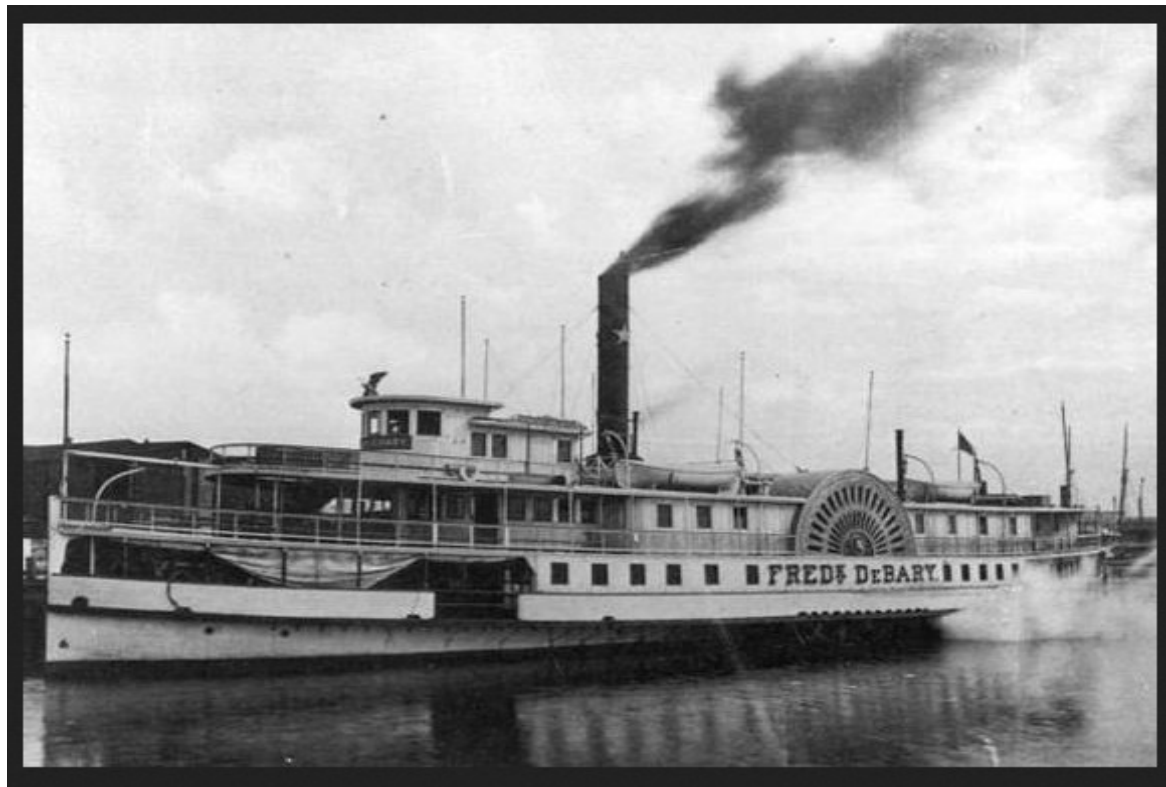
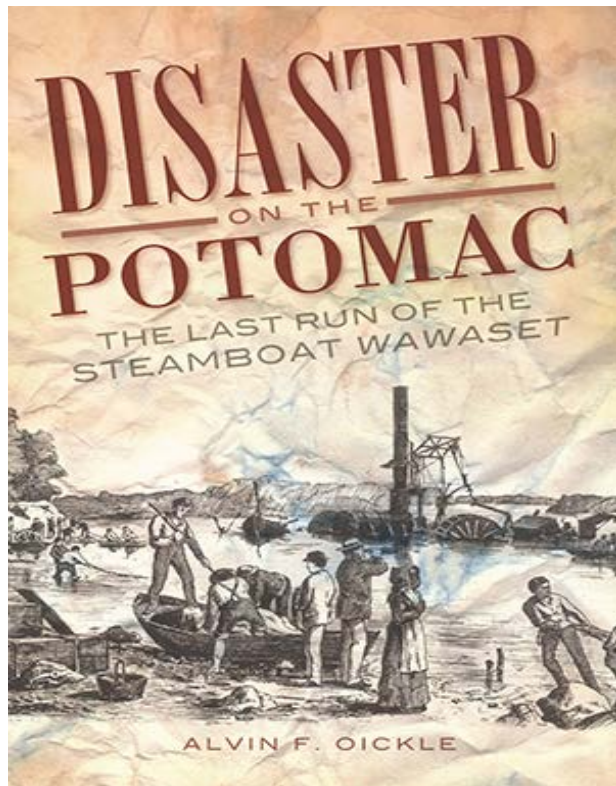




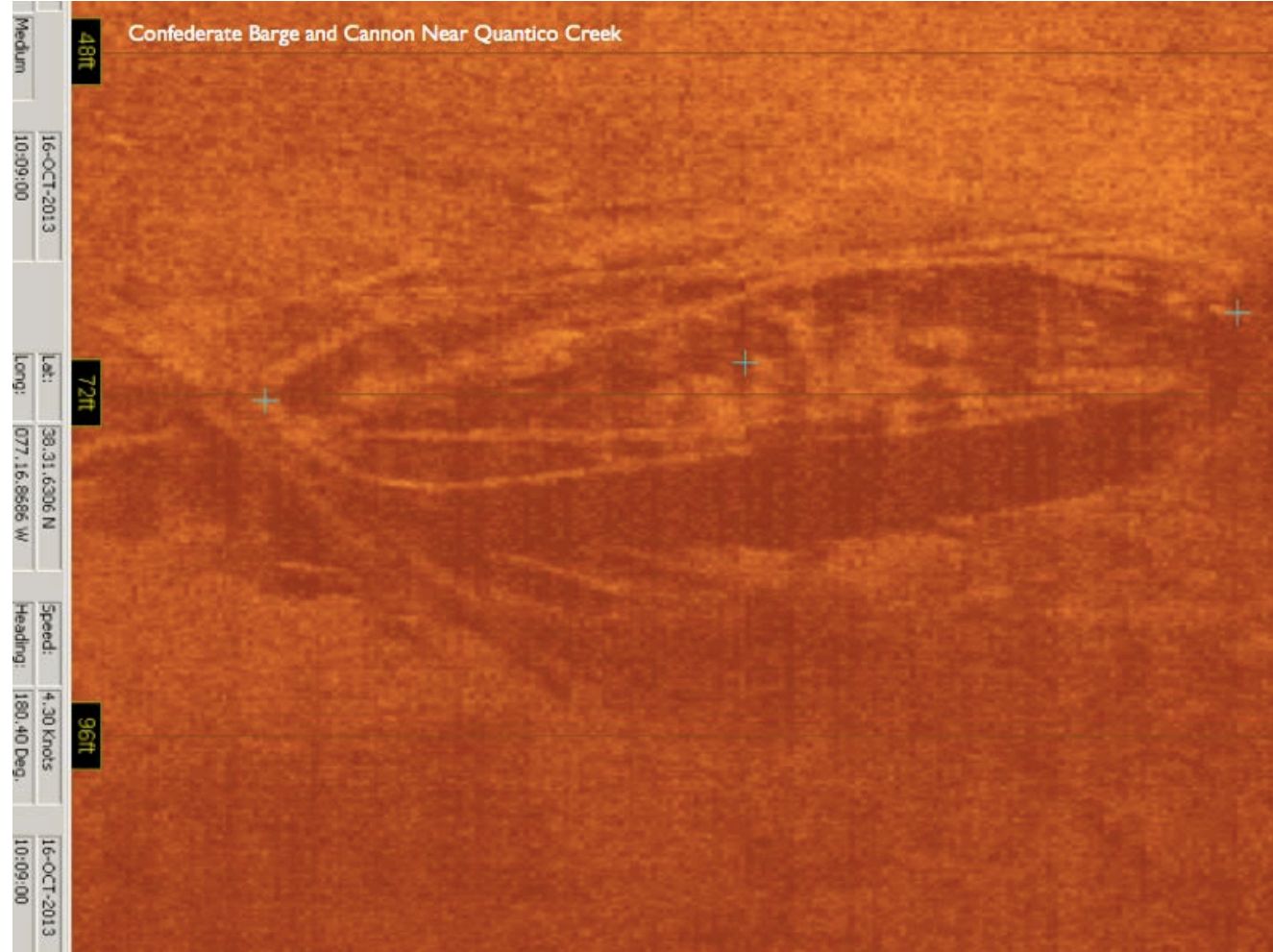




1873 STEAMBOAT WAWASET



CONFEDERATE BARGE







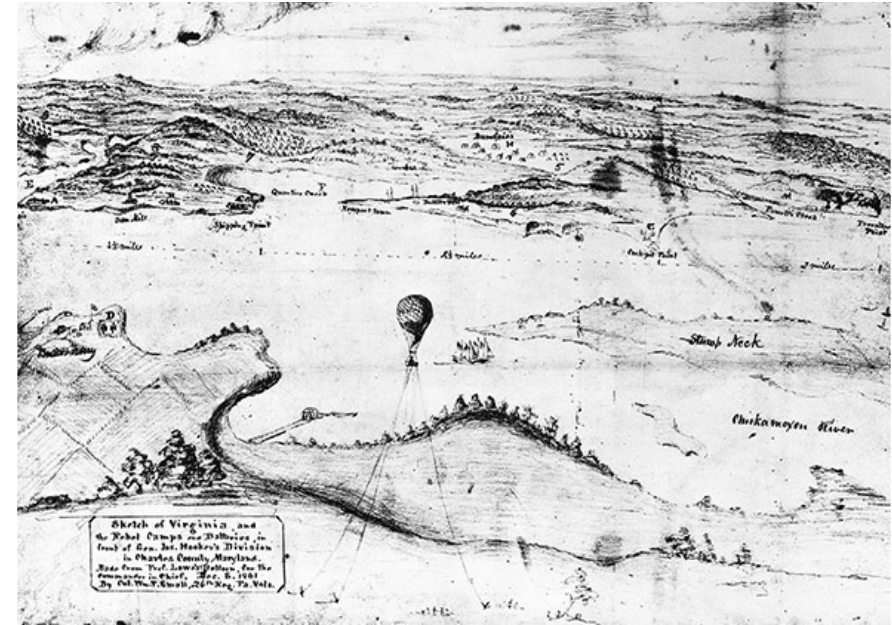
9/20/16 photo by Marine Robotics & Remote Sensing, Duke University



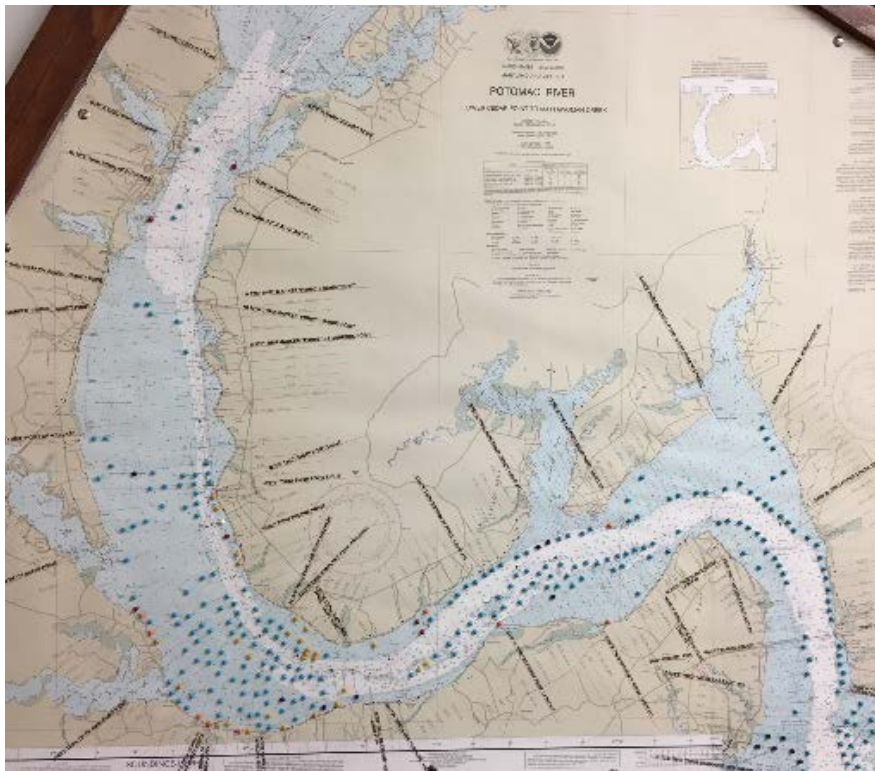
Photos: MD DNR David Byrd




CULTURAL HERITAGE



COMMERCIAL FISHING HERITAGE





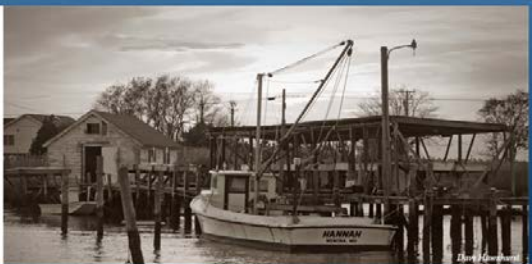
Search:

[About](#) [Types of Tours](#) [Find a Tour](#) [Donate](#)

Watermen's Communities are as unique as the men and women that live and work in them

Learn about what makes these communities special and then sign up for a Watermen Heritage Tour to experience them firsthand.

[Click here to learn more](#)



Watermen Heritage Tours



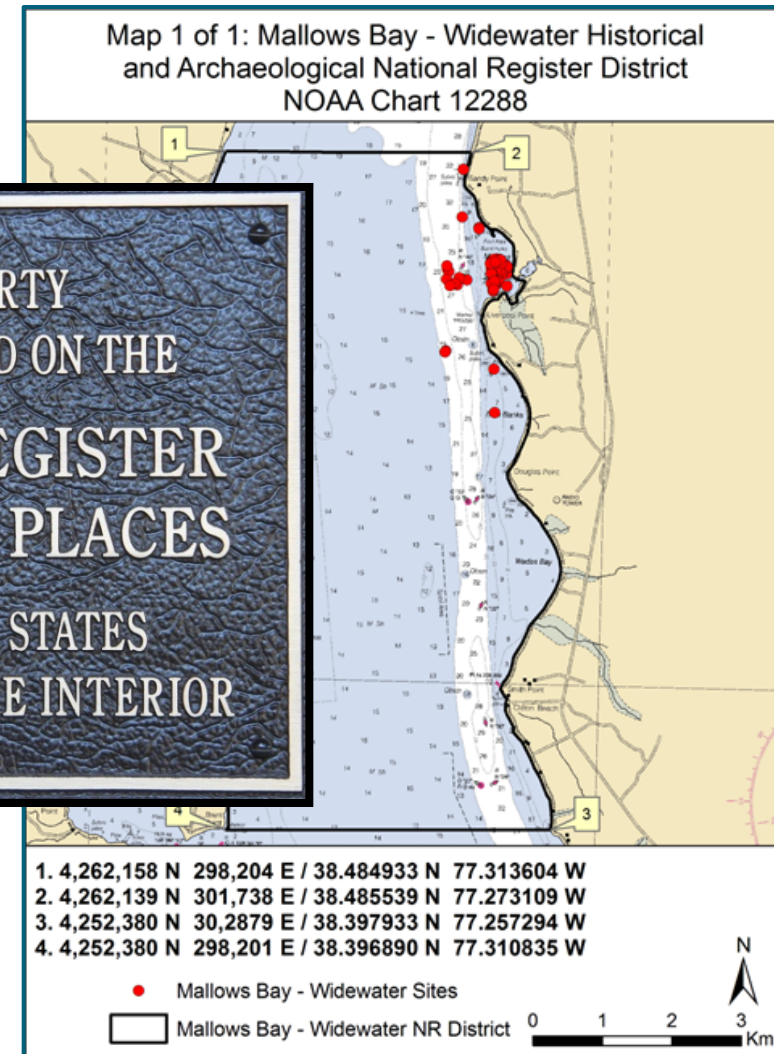
You Can Help

Watermen Heritage Tours is a project of a partnership formed by the Chesapeake Conservancy, Coastal Heritage Alliance, Maryland Watermen's Association, and the Chesapeake Bay Maritime Museum. The partners have trained more than 100 watermen in heritage tourism and maintain this website to help them publicize their tours.

Money you contribute here goes to support the website and provide training. It is maintained in a separate fund by the Chesapeake Conservancy.

NATIONAL REGISTER OF HISTORIC PLACES, APRIL 2015

- 11,000+ acres within MD state waters
- 124 vessels
- 101 USSB steamships
 - Varying degrees of significance
- 23 other sites not related to USSB
- 8 vessel debris piles
- 6 non-vessel sites
- Nationally significant under NRHP
 - Criteria A, C, and D

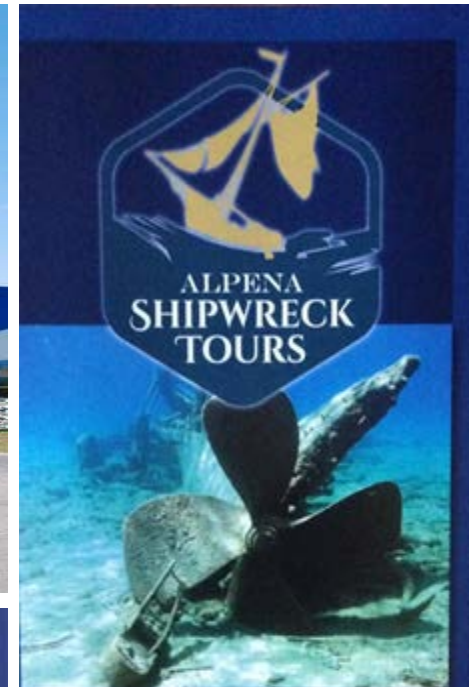


THE “THUNDER BAY NMS MODEL”



Alpena
MICHIGAN

Sanctuary of the Great Lakes



**Glass Bottom
Boat Tours**

**of the
Thunder Bay National
Marine Sanctuary**

For more information call

888-469-4696

**e-mail info@alpenashipwrecktours.com
or visit alpenashipwrecktours.com**

ORAL HISTORIES - ARTHUR WILLETT

Greetings

This is my second letter to you. A copy of the first letter is enclosed without any photos.

The purpose of this letter is to call your attention to my article about Mallows Bay which was published in the Maryland Independent on Friday, April 9, 2002.

You are welcome to contact me to arrange a visit to hear an explanation of my exhibit about Mallows Bay and to see other photos of the same. It would take approximately one and one-half hours (1 ½) to view the exhibit.

Again, my telephone number is 301-743-2171.

Sincerely,



Arthur E. Willett

4855 Smallwood Church Road

Indian Head, Maryland 20640

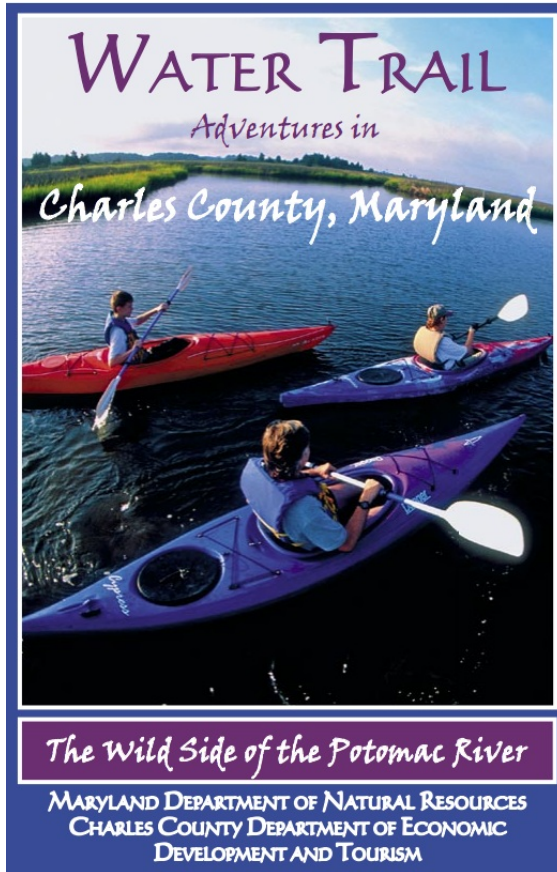
401-743-2171

CC: Charles County Commissioners

Maryland Independent



WATER SPORTS CONNECTION





VIRTUAL TOUR OF MALLOWS BAY



Malloys Bay

Malloys Bay - Potomac

Elev: 3' | 38.47224, -77.26578
Distance: 27% 0.59 / 2.22mi
Current Temp: 81.3° Wind: 1.7mph
Conditions: Mostly Cloudy
NOAA Tide Predictions
Dahlgren, VA

Chesapeake Conservancy
EXPLORE. CONSERVE. INNOVATE.

The Quema The Mootabee The Afr The Boone

The Boone

* USSB steamship, 1919* The Boone is an USSB World War I wooden-hulled cargo steamship built in 1919 by Dantzler Shipbuilding and Drydock Co. in Moss Point, Mississippi. The vessel sits on its keel with its hull and internal features preserved. These features include iron fastenings, a propeller shaft tunnel, and four bulkheads. The wreck has been in its present location since at least 1929.

Full Screen

The Boone View

Old Viewer

TERRAIN³⁶⁰
Buckhorn

The Accomac The Tanka

DRAFT MANAGEMENT PLAN

PROTECTING MARITIME HERITAGE RESOURCES: RECREATION AND INTERPRETATIVE WATER TRAILS

The Ghost Fleet of Mallows Bay

Scattered throughout this section of the Potomac River are the remains of historic shipwrecks covering centuries of American history, including over 90 wooden steamships built for America's entry into WWI. This map contains 3 paddling itineraries that allow visitors to virtually explore this one of a kind site.

A story map [f](#) [t](#) [e](#)



A story map



Itinerary 2: Ghost Fleet

Stop 7: Bayou Teche

On July 4, 1918, Bayou Teche was one of 94 ships to take to the waters in the greatest single day's ship launch in world history. Bayou Teche made several voyages to Havana, Cuba, Galveston, TX, and Bordeaux, France. The Bayou Teche had the smallest gross tonnage of all U. S. Shipping Board steamships constructed during the wooden shipbuilding program.



The remains of Bayou Teche are overgrown with vegetation. Source: Kimberly Hernandez, Maryland DNR



COMMERCIAL TOURS AND FUTURE INVESTMENTS

REI, SMITHSONIAN, CABELAS



[Classes & Events](#) > [Paddling](#)

Kayak Tour - Ghosts of the Potomac: Mallow's Bay



ENHANCING RECREATION AND HERITAGE TOURISM

“Get Wrecked” Campaign

**www.CharlesCountyMD.gov/
GhostFleetofMallowsBay**
800-766-3386

f t i cccv YouTube flickr

CHARLES COUNTY MARYLAND **NASA** **Chesapeake Coastal Service**

Protect Mallows Bay – Potomac River, a maritime heritage resource area in Charles County, Maryland.

SPOIL ALL 5 SENSES
IN CHARLES COUNTY

GET WRECKED!
Visit the shipwrecks at Mallows Bay Park

**www.CharlesCountyMD.gov/
GhostFleetofMallowsBay**

Nominated as a new sanctuary under the National Marine Sanctuaries Act.

Charles County Department of Recreation, Parks, & Tourism
8190 Port Tobacco Rd • Port Tobacco, MD 20687
MD Relay: 711 (TDD) 1-800-735-2258
Equal Opportunity Employer

Get Wrecked at Mallows Bay
MBP
www.CharlesCountyMD.gov/GhostFleetofMallowsBay

GET WRECKED!
Visit the shipwrecks at Mallows Bay Park

Virtual Reality Tour

STRENGTHENING EDUCATIONAL OPPORTUNITIES

THE
UNIVERSITY
OF RHODE ISLAND

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in this series
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Notify me via email or RSS

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EDUCATION



STEM

SCIENCE • TECHNOLOGY
ENGINEERING • MATHEMATICS



CSM college of southern maryland

NATIONAL AND INTERNATIONAL RECOGNITION!

6 Million Views!



Mallows Bay: The 'ghost fleet'
graveyard where nature has
risen from the dead

January 8, 2016



Guarding the ghost fleet of Mallows Bay
December 18, 2015

HEARST *television inc*
(30 NBC Stations Nationwide)

Conserving Sunken History
11.30.15



U.S. to create sanctuary for
'ghost fleet' on Potomac
October 7, 2015



**BRING HISTORY TO LIFE:
JOIN THE ADVENTURE**