

SEAN M. DUFFY, SR.

President & CEO | Big River Coalition, LLC | Duffy Maritime Consultants, LLC

“Advocating for a Mightier and Safer Mississippi River”

Executive Profile

Sean M. Duffy, Sr. is a nationally recognized maritime advocate, policy strategist, and waterway commerce expert with more than three decades of leadership on the Mississippi River and its tributaries. As President and CEO of the Big River Coalition, LLC (BRC) and Duffy Maritime Consultants, LLC, Mr. Duffy has been the driving force behind some of the most consequential advancements on the Mississippi River Ship Channel, U.S. inland waterway policy, infrastructure investment, and navigational safety in the modern era.

Under his leadership, the Big River Coalition has earned recognition as an effective advocate for maritime commerce on the Mississippi River. The Coalition has documented the last decade (2016-2026) has been the most challenging in modern history for Ship Channel navigation, with unprecedented floods, historic droughts, saltwater intrusion crises, and complex federal legislative landscapes to keep the Ship Channel open and commerce moving.

About the Big River Coalition, LLC

The Big River Coalition, LLC is the preeminent advocacy organization for maritime commerce on the Mississippi River Ship Channel. Effective January 1, 2026, the BRC transitioned from a long-established nonprofit to a limited liability company — a strategic evolution designed to accelerate growth, expand technology-driven solutions for navigational safety, and intensify focus on Deltaic Riverine Management.

The Mississippi River and Tributaries generate an estimated \$735 billion annual impact on the U.S. economy and support 2.4 million jobs nationwide. The Mississippi River Ship Channel — which Mr. Duffy calls an “economic superhighway” — handles approximately 500 million short tons of cargo annually, representing 20 percent of total U.S. waterborne commerce. Every 24 hours, approximately \$300 million in cargo value transits the Ship Channel alone.

The BRC’s mission encompasses securing sufficient federal funding through the Harbor Maintenance Tax and the Inland Users Fuel Tax, modernizing water infrastructure, promoting beneficial use of dredge material for coastal restoration, and ensuring that climate variability — increasingly real and increasingly extreme — does not impede the free flow of waterborne commerce.

Key Achievements & Legislative Impact

Mississippi River Ship Channel Deepening to 50 Feet

Mr. Duffy served as the principal industry lead for the historic deepening of the Mississippi River Ship Channel to 50 feet — the most significant infrastructure upgrade on the Lower Mississippi River in generations. The BRC was the architectural force behind programmatic changes requiring two Acts of Congress to make the project possible. The deepened channel now spans 200 miles, from the Southwest Pass Sea Buoy to Philadelphia Point at Mile 180 Above Head of Passes (completed in phases: New Orleans 2022, Mile 175 in 2023, Mile 180 in 2025). The project also restored 1,835 acres of wetlands through beneficial use of dredge material and was the first federal project to fulfill President Obama’s Executive Order #13514 requiring positive environmental mitigation.

Governor Landry's Navigation & Safety Task Force

Partnered with the Task Force Chairman and Vice Chairman to develop a prioritized list of navigational improvements for the Louisiana Ports & Waterways Investment Commission, culminating in a comprehensive Final Report and actionable recommendations.

Coastal Zone Consistency & Wetlands Restoration

Led efforts to secure "Conditional" Coastal Zone Consistency for dredge material operations, resulting in the largest wetlands restoration project in the world — approximately 16,000 acres of wetlands restored. Created the **B**eneficial Use of Dredged Material Subcommittee in 2008 that eventually led to the Largest Wetlands Restoration Project in the World, the U.S. Army Corps of Engineers name for this effort is the Mississippi River Deep-Draft Reclamation and Restoration. The stakeholder group includes state and federal agencies, pilot associations, dredge contractors and the Big River Coalition representing the navigation industry.

Post-2019 Flood Legislative Response

Following the Record Flood of 2019 — which impacted an estimated \$6–\$7 billion in cargo transiting Southwest Pass — the U.S. Army Corps of Engineers and industry partners called on the BRC to provide formal recommendations. Mr. Duffy's recommendations were subsequently introduced legislatively and included: \$200 million in increased USACE funding, the creation of Early Award Hopper Dredge contracts, and the establishment of the Regional Dredge Demonstration Program. These measures have contributed to the longest sustained period of full channel draft in the past decade.

NOAA Physical Oceanographic Real-Time System (PORTS) Expansion

Led the BRC's campaign to expand NOAA PORTS sensors on the Ship Channel. In 2025, the first new sensor since 2009 was installed at the Southwest Pass Sea Buoy. Two additional current meters are pending installation, with \$400,000 in federal funding secured by Senator Cassidy at BRC's request. Through the support of Governor Landry's office and the Louisiana DOTD, Air Gap Sensors have been funded for four additional Ship Channel bridges, with the Baton Rouge I-10 Dual System Air Gap Sensor activated in December 2025.

National Transportation Safety Board — Sunshine Bridge Allision

Following the Sunshine Bridge allision, the BRC submitted written testimony to the NTSB and identified a calculation error in the vertical clearance formula used by both the U.S. Army Corps of Engineers and the U.S. Coast Guard. Both federal agencies accepted the correction and adjusted their methodology — a correction that became foundational to the Navigation & Safety Task Force Recommendations and informed subsequent applications for NOAA PORTS funding.

Keynote and Featured Speaker

Sean has spoken before multiple federal and state agencies to represent challenges and solutions to promote and protect safe navigation, coastal restoration and riverine economics. He has briefed state and federal Congressional offices on policy and funding changes needed to protect commerce, on top of having spoken before dozens of maritime associations, featured with the USACE and Mississippi River Commission, the President's Oil Spill Commission, has also presented to the following Universities: University of Alabama, University of Georgia, Louisiana State University, Loyola University, the University of New Orleans and Tulane University.

Associations, Boards & Appointed Positions

- National Oceanic and Atmospheric Administration (NOAA) Federal Advisory Committee — Hydrographic Services Review Panel: Past Chairman
- Congressman and U.S. House Majority Leader Steve Scalise’s Maritime Advisory Group
- Governor Jeff Landry’s Task Force on Navigation
- Mississippi Valley Trade and Transport Council: Chairman
- Mississippi River 100 (MR100) Visioning Committee
- Coastal Protection and Restoration Authority (Louisiana): Coastal Advisory Team
- American Petroleum Institute’s Maritime Infrastructure Coalition
- National Waterways Conference: Executive Committee
- National Association of Maritime Organizations: Board of Directors
- Louisiana Department of Transportation and Development’s Freight Advisory Council
- Mississippi River Basin Stakeholder Advisory Team (USACE & Institute for Water Resources)
- Propeller Club Port of New Orleans: Board of Directors (Past President)
- U.S. Army Corps of Engineers Mississippi Valley New Orleans — Beneficial Use of Dredged Material Subcommittee Creator
- Saltwater Intrusion Working Group
- Waterways Council, Inc.
- Making Sense of Sensors Alliance: Chairman
- Tulane Maritime Law MentorSHIP Program: Mentor
- Louisiana Ports, Waterways and Investment Commission — Navigation and Safety Task Force
- Green Marine Associate Member
- Committee of 100 — Louisiana’s Business Roundtable

Awards, Recognitions & Professional Development

- 2026** Propeller Club of the Port of New Orleans — Maritime Person of the Year
- 2025** International Propeller Club — Lifetime Achievement Award
- 2025** Coastal Leadership Institute Graduate (Coalition to Restore Coastal Louisiana)
- 2024** Louisiana Master Naturalist — Greater New Orleans Certification
- 2023** New Orleans CityBusiness Port & Maritime Power List
- 2022** C. Alvin Bertel Award — World Trade Center of New Orleans
- 2022** Admiralty Legend
- 2021** U.S. Coast Guard Certificate of Merit
- 2020** Texas A&M Dredging Engineering Short Course Certification (50th Year)
- 2018** Global Maritime Ministries — Crystal Lighthouse Award: Maritime Person of the Year
- 2018** American Infrastructure Project of the Year — Mississippi River Ship Channel Deepening
- 2017** CG/LA Job Creation Project of the Year — Mississippi River Ship Channel Deepening
- 2016** Coastal Innovator Award — American Shore and Beach Preservation Association