



## **PORT CHAMPIONS:**

# **EVOLVING NAVIGATION PARTNERSHIPS, VISIONS, AND CHARTERS**

**Doug Stamper, PE, USACE Norfolk District**

**David White, Virginia Maritime Association**

**Jeff Florin, PE, Port of Virginia**

***WODCON XXI, 15 June 2016***

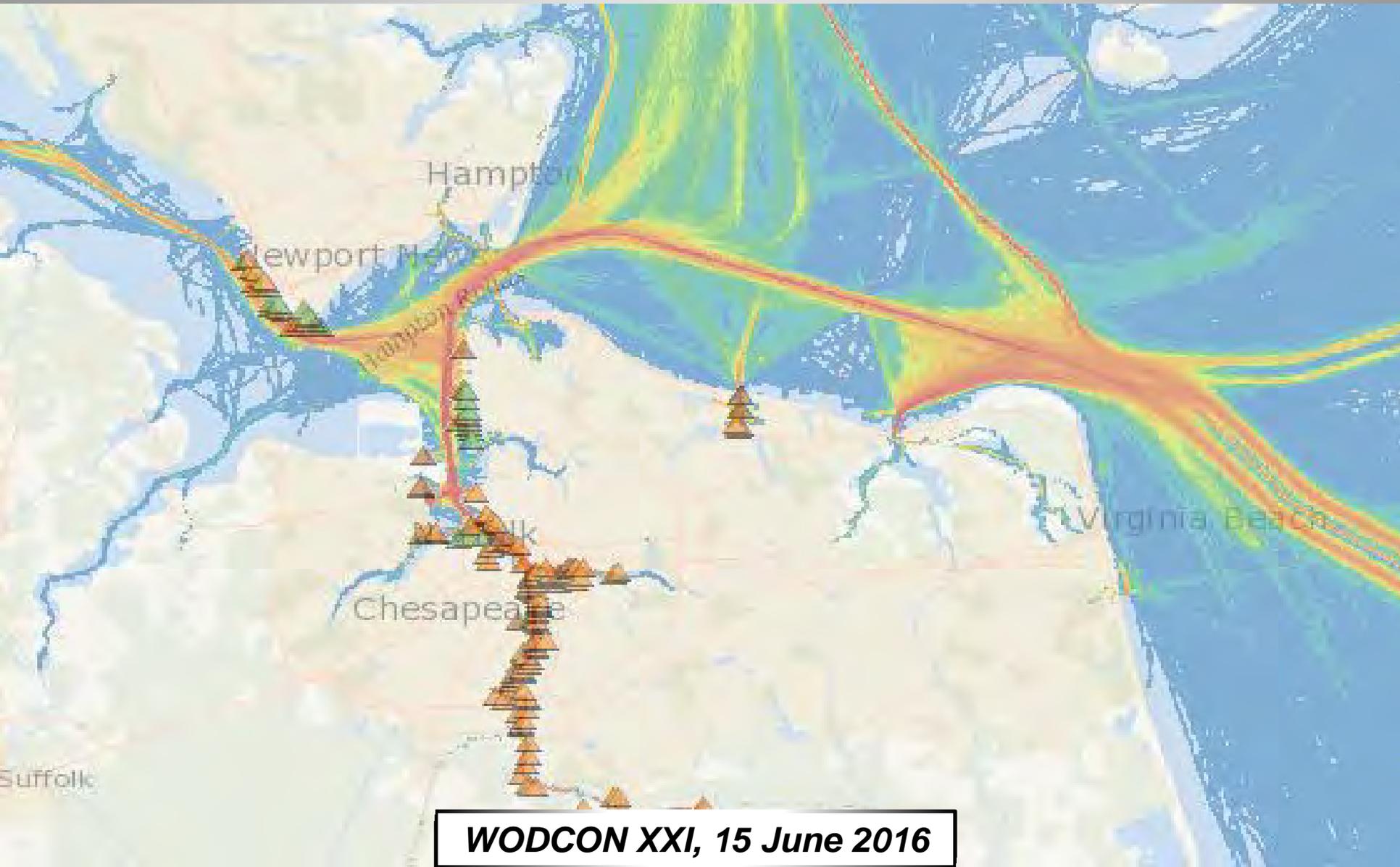
# Virginia's Ports

- **2<sup>nd</sup> largest on East Coast in tonnage & 3<sup>rd</sup> in containers**
- **5 state-operated & 37 privately operated deep water marine cargo terminals**
- **Largest coal export port in the U.S.**
- **Largest ship building & repair complex in the U.S.**

# 2015 Vessel Activity

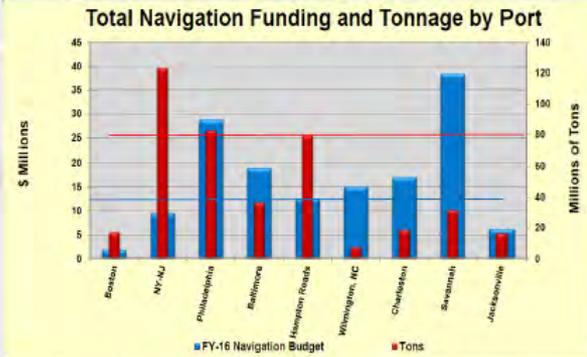
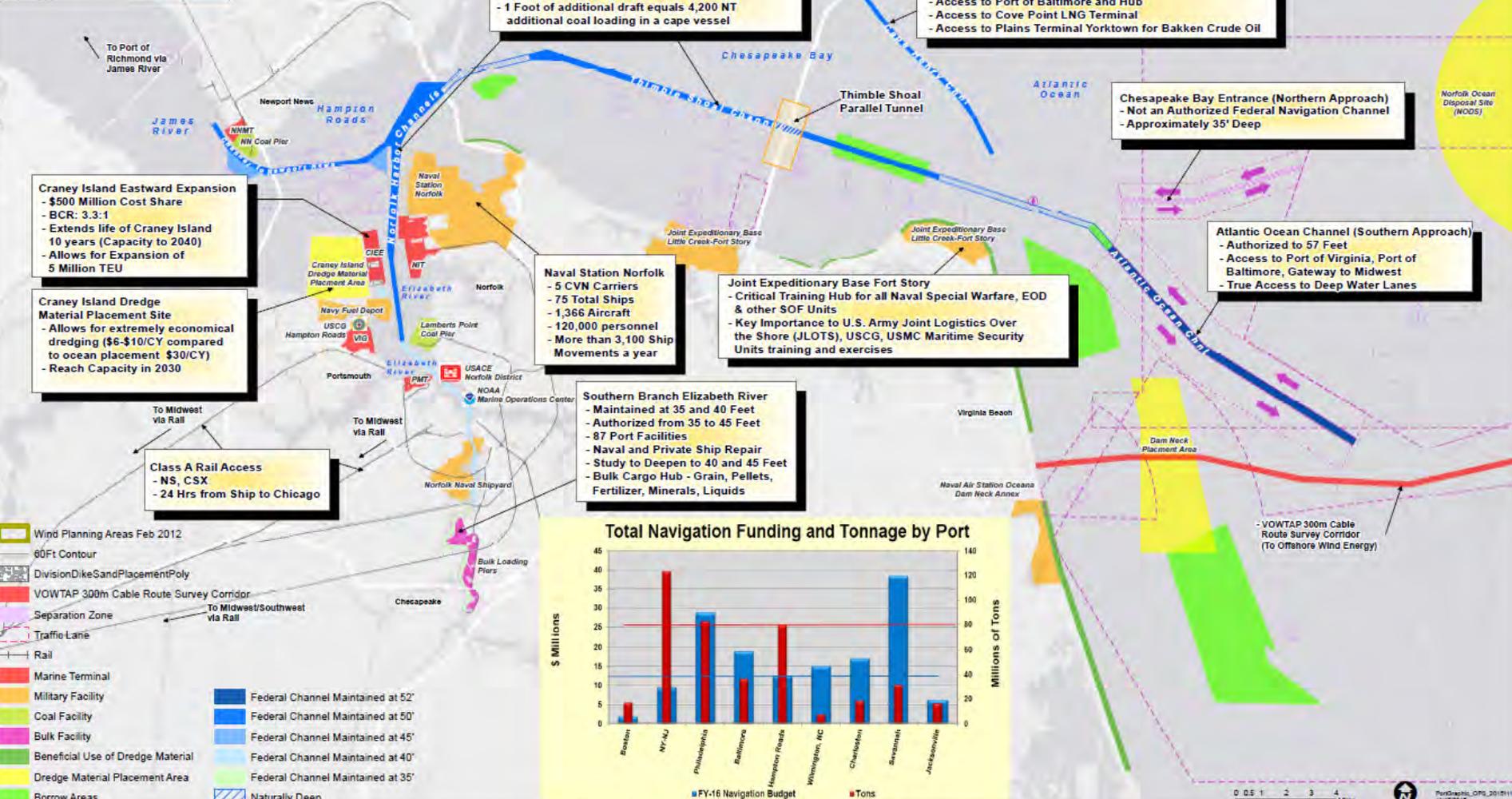
- **5,334 Commercial Ship Arrivals & Departures**
- **3,585 Container Ships**
- **723 Coal Ships**
- **1,026 Other – Soy, Grains, Cars, Paper, Wood Chips, Petroleum, Scrap, etc.**
- **6,800+ Barge Trips – Moving Grains & Oilseeds, Aggregates, Coal, Petroleum Products, etc.**

# Virginia's Ports



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# The Port of Virginia: A System of Systems = A National Asset



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# Port Industries

- **Cargo Handling Equipment Sales / Repair / Services**
- **Cargo Owners (Importers/Exporters)**
- **Commercial Real Estate / Development**
- **Construction Services / Supplies**
- **Container & Chassis Sales / Services / Repair**
- **Customs Brokers & Freight Forwarders**
- **Dredging**
- **Education & Training**
- **Engineering Services**
- **Environmental Services**
- **Financial & Insurance Services**
- **Logistics Providers**

# Port Industries

- Longshore Labor
- Pilotage
- Railroads
- Security & Emergency Services
- Ship Owners / Operators / Agents
- Ship Repair / Ship Building
- Terminal Operations & Stevedoring
- Trucking
- Tug & Barge Operators
- Vessel Equipment Sales / Repair / Services
- Vessel Supplies / Services
- Warehousing & Distribution

# Economic Contribution



**\$88.4 Billion in Spending**



**530,800 Jobs**



**\$27.4 Billion  
in Wages**



**10.1% of Virginia  
Gross State Product**



**\$2.7 Billion in  
State/Local Taxes**



**79 Million Tons of  
Cargo Moved**

# 2006 Hampton Roads Navigational Summit

## The Mission Statement

“Unrestricted Navigation for the  
Port of Virginia.”

## The Vision Statement

“To meet the present and future  
needs of the Port of Virginia  
through the provision of a safe,  
secure, efficient, and  
environmentally compatible  
commercial and military navigation  
system and related land-based  
support facilities.”

THE INAUGURAL  
HAMPTON ROADS NAVIGATIONAL SUMMIT  
Thursday, September 28, 2006

The Mission Statement  
*Unrestricted Navigation for the Port of Hampton Roads*

The Vision Statement  
*To meet the present and future needs of the Port of Hampton Roads through the provision of a safe, secure, efficient, and environmentally compatible commercial and military navigation system and related land-based support facilities.*

*We, the undersigned, do hereby support the collective efforts to meet the following navigational needs for the Port of Hampton Roads.*

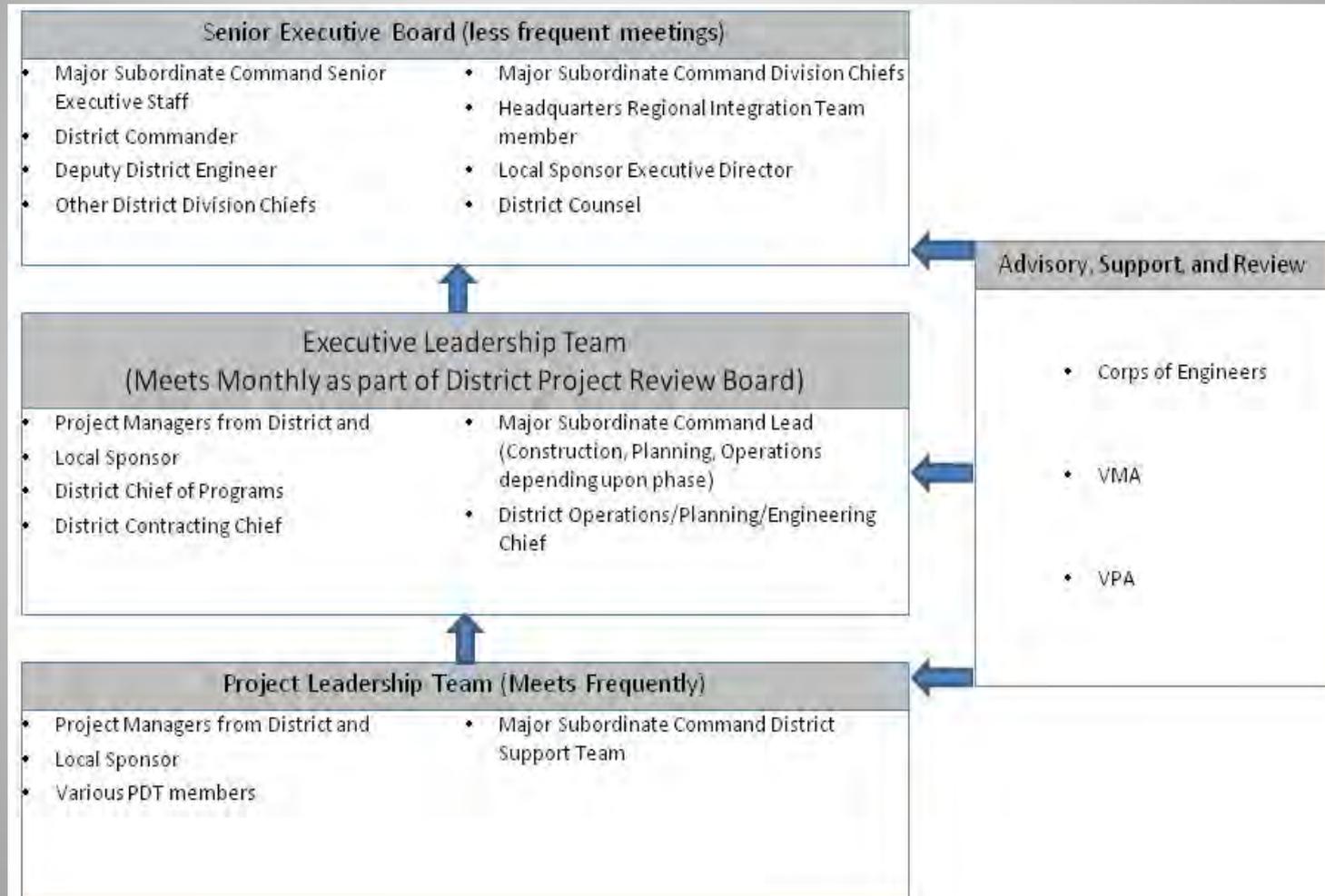
Navigational Needs

1. THE CRANEY ISLAND EASTERN EXPANSION - JEFF FLORIN *Jeff Florin*
2. CONSTRUCT THE 45-FOOT & 40-FOOT PROJECT - DAVID HOST *D. Host*
3. SOUTH ATLANTIC CHANNEL - JOHN WALTERS *John R. Walters*
4. CONSTRUCT THE 55-FOOT PROJECT - BILL COFER *William Cofer*
5. MAINTAIN NORFOLK HARBOR CHANNEL & CRANEY ISLAND

*Jeff Florin*  
*Stephen Monte*  
*Steve D. Koluh*  
*P. Wharton*  
*David Daily*  
*Elyse W. Waring*  
*C. Moline*  
*W. B. Dreyfus*  
*W. J. Dreyfus*  
*William B. Jones*  
*Ron Mann*  
*John B. Wash*  
*Charles Boridy*  
*James Conroy*  
*John G. Jones*  
*W. B. Dreyfus*  
*E. W. Wright*  
*John G. Jones*  
*Tom Hest*  
*D. B. W.*  
*Michael Cost*  
*Richard Klein*  
*Kevin A. Burwell*  
*David James*  
*Michael S. Jones*  
*Robert N. Prattlow Jr.*  
*Paul Lyne*  
*Paul Lyne*  
*Thomas Kelly*  
*M. Thompson*  
*Doug Stamper*  
*T. J. Keene*  
*Herb Gray*

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# Current Corporate Governance Model



# Port Priority Projects

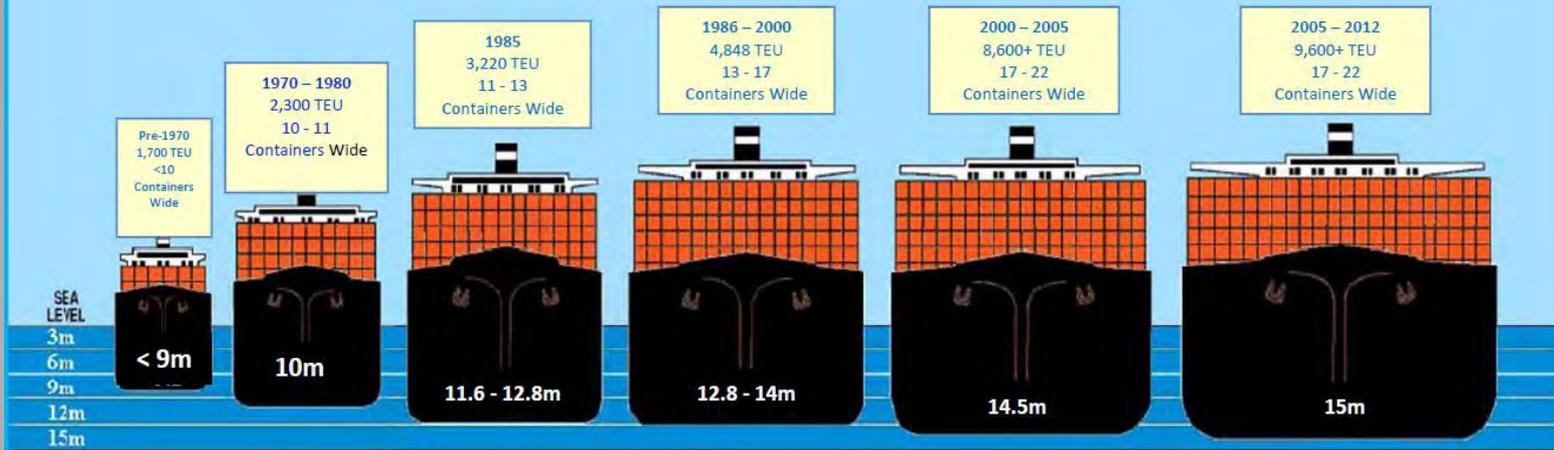
UNRESTRICTED NAVIGATION FOR THE PORT OF HAMPTON ROADS: "WIDER DEEPER SAFER"



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# Operations & Maintenance

## Evolution of Container Ships



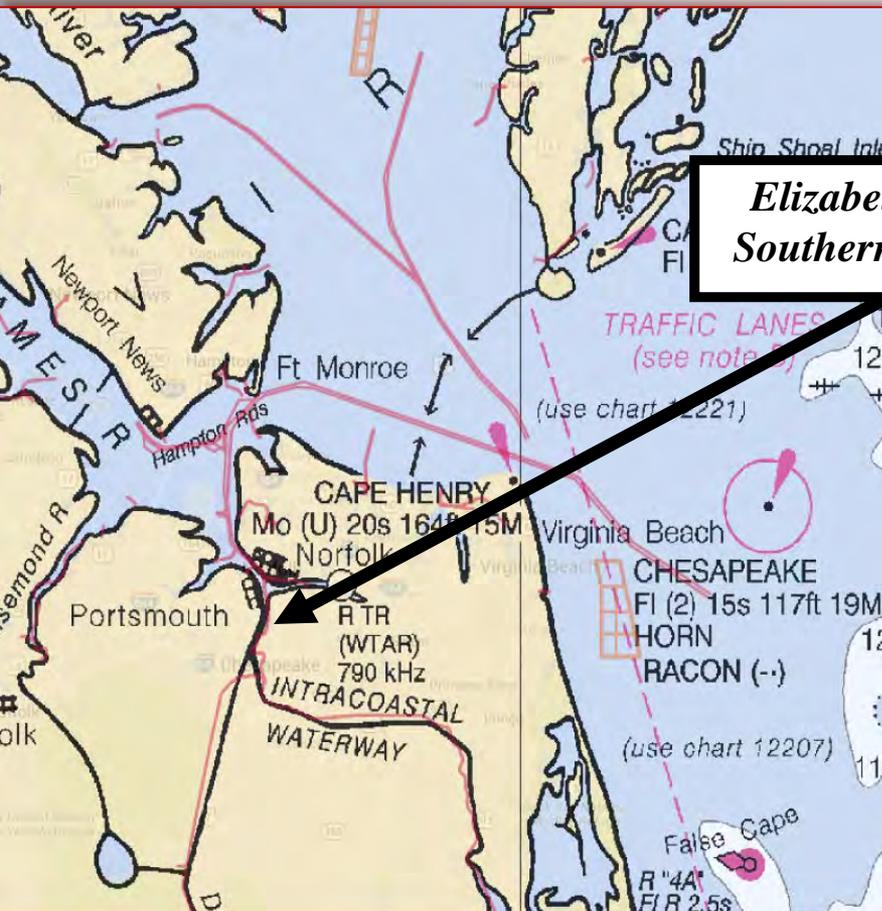
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# Craney Island Eastward Expansion

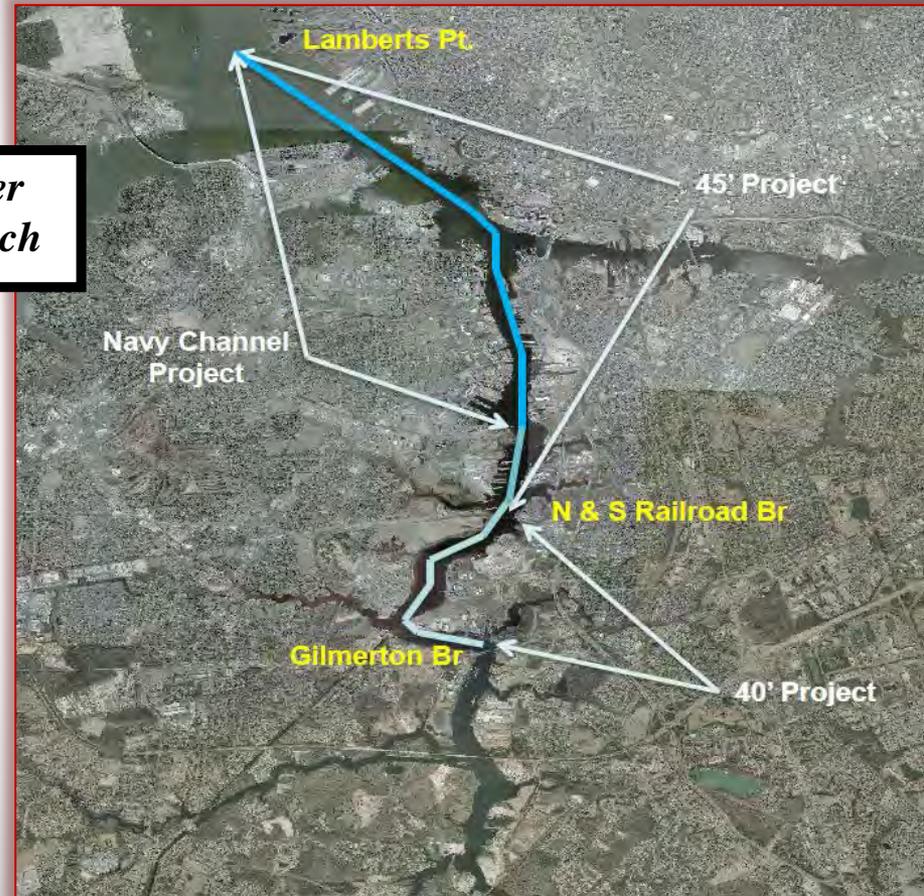


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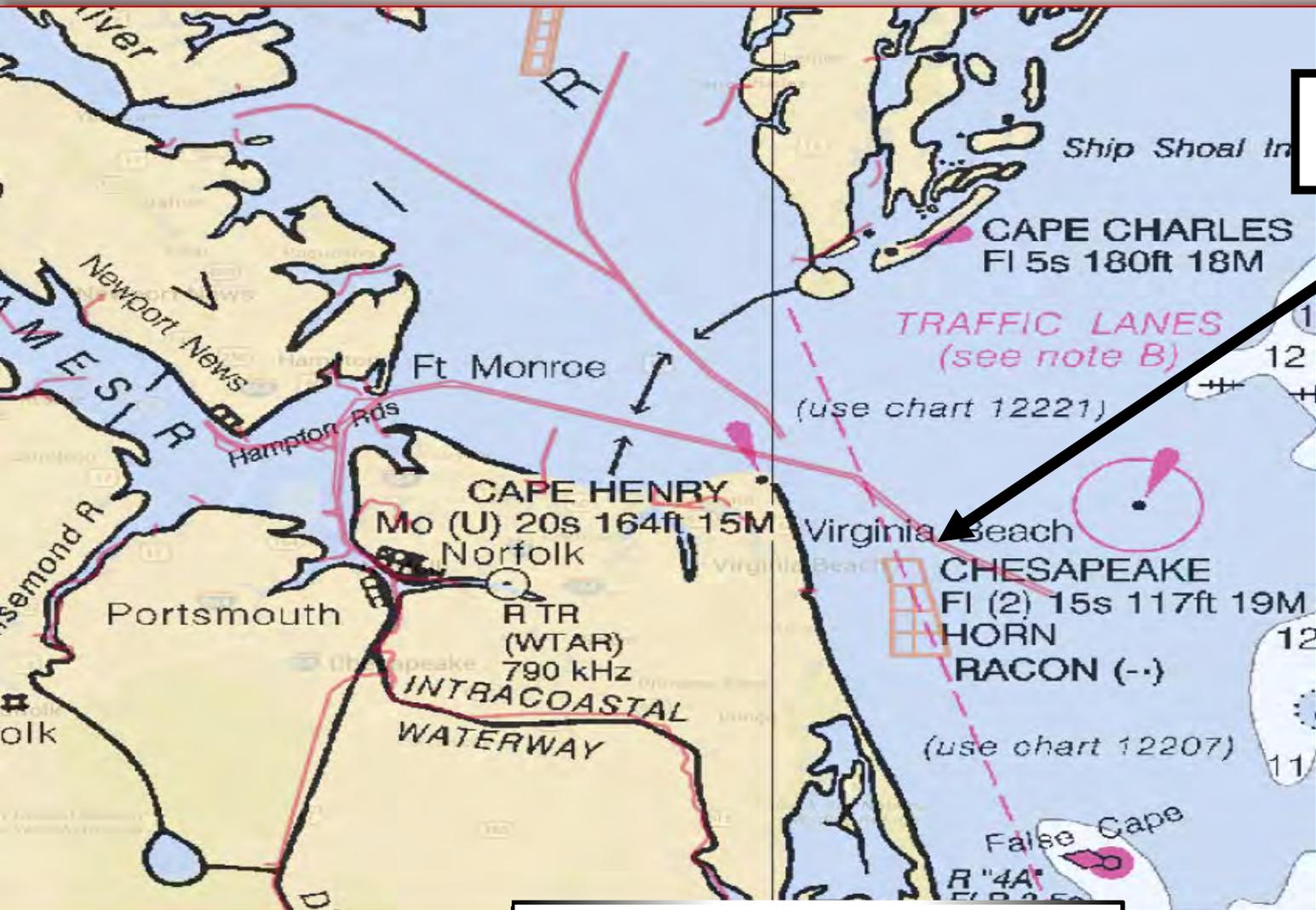
# Deepening Elizabeth River and Southern Branch to 40' and 45'



*Elizabeth River  
Southern Branch*



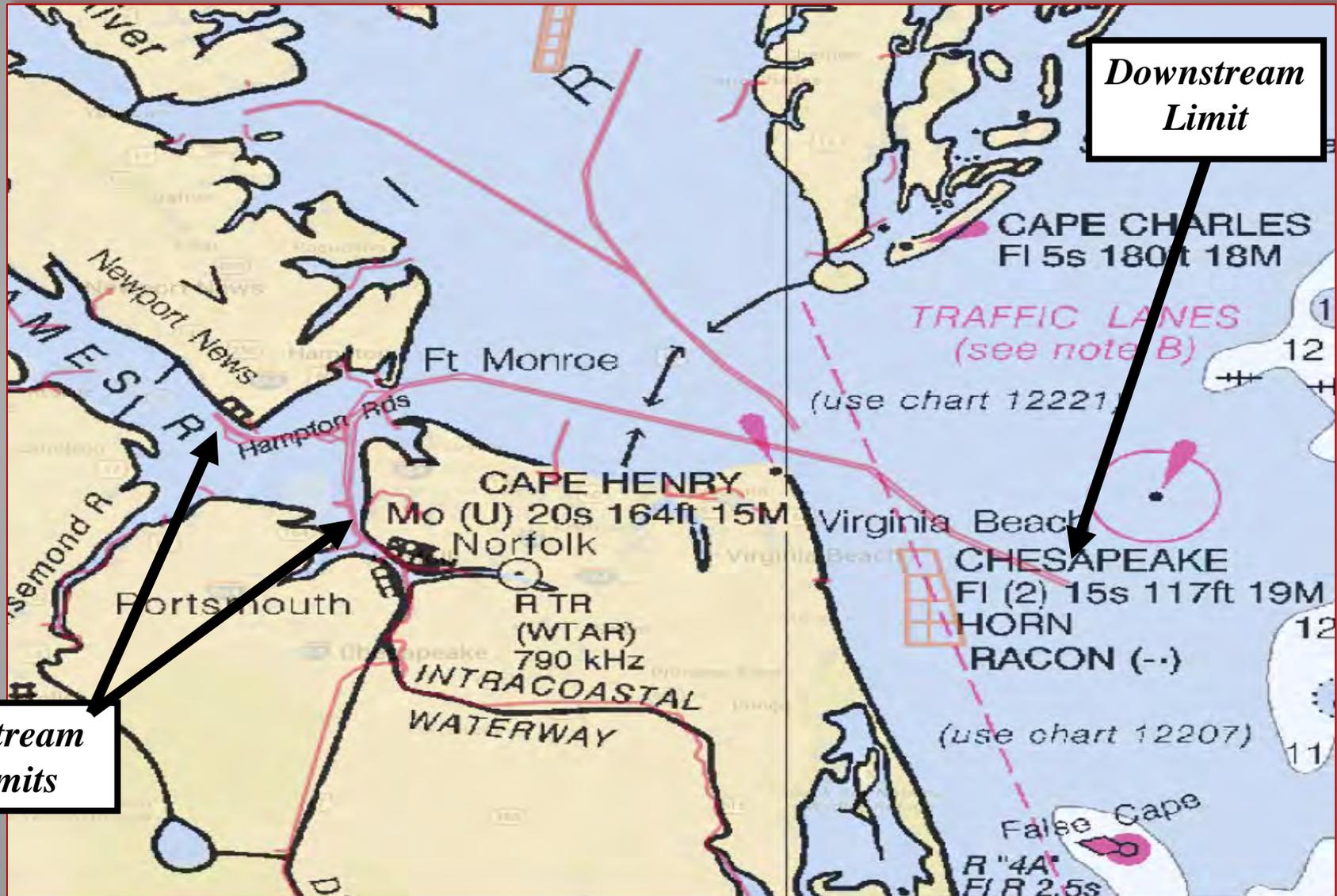
# South Atlantic Channel area at the Entrance to the Chesapeake Bay



*Atlantic Ocean Channel*

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# Construct the 55' Channel



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# LATEST RESULTS

- **Outreach Efforts**
  - ✓ **Annual Meetings**
  - ✓ **Consistent Messaging**
  - ✓ **Stakeholder Participation**
- **SMART Planning**
- **General Investigation Studies**
- **Craney Island Expansion, Next Phase**

# Discussion

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