



US Army Corps of Engineers



# American Recovery and Reinvestment Act – Navigation Funding

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US Army Corps of Engineers



# Corps Navigation Mission

**Provide safe, reliable, efficient, effective and environmentally sustainable waterborne transportation systems for movement of commerce, national security needs, and recreation.**





# Funding

- FY09 Appropriation
- American Recovery and Reinvestment Act (ARRA)



# Energy & Water Appropriation

- \$5B USACE Civil Works Program
- \$2B Navigation – about 40%
- \$1.4B Navigation O&M – about 70%
- \$600M Maintenance dredge - about 40%



# Navigation Assets

- Coastal Navigation
- Inland Navigation
- Navigation Structures
  - Jetties, breakwaters, etc
  - River training works
- Bridges



# ARRA Breakdown by Account

## SUMMARY OF APPROPRIATIONS

(\$Billions)

• Investigations	\$0.025
• Construction	\$2.000
• O&M	\$2.075
• MR&T	\$0.375
• Regulatory	\$0.025
• <u>FUSRAP</u>	<u>\$0.100</u>
• <b>TOTAL</b>	<b>\$4.600</b>





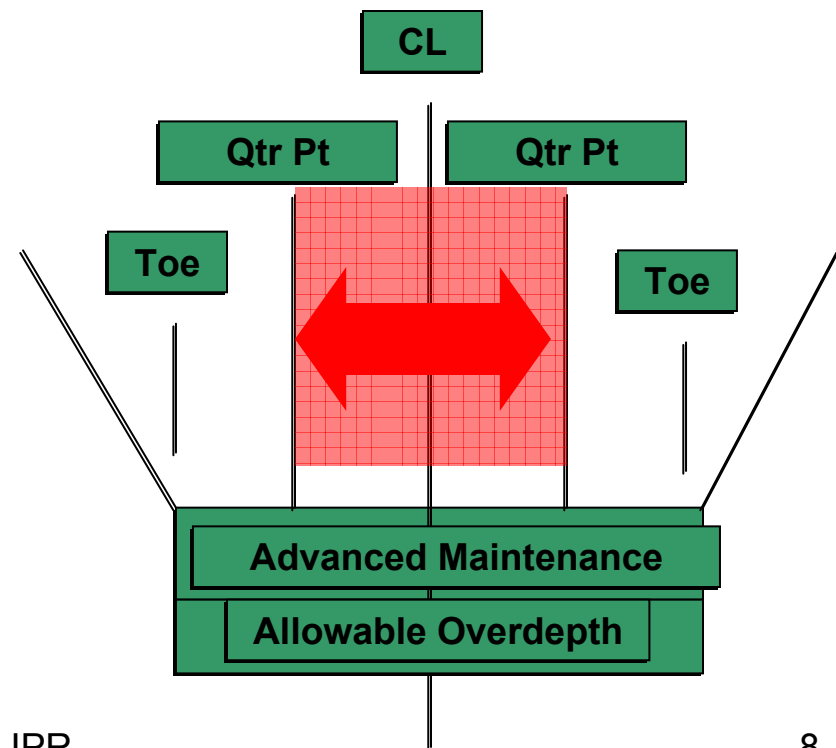
# ARRA and Maintenance Dredging

- Quick Contract Award
  - Combine with Annual Appropriation
  - Less Engineering and Design than structures
- Quick Completion
  - Most work 3-4 months duration
- Useable Product
  - Improve Channel availability
  - Dredge projects we have not been able to maintain



# Coastal Navigation Performance Standard

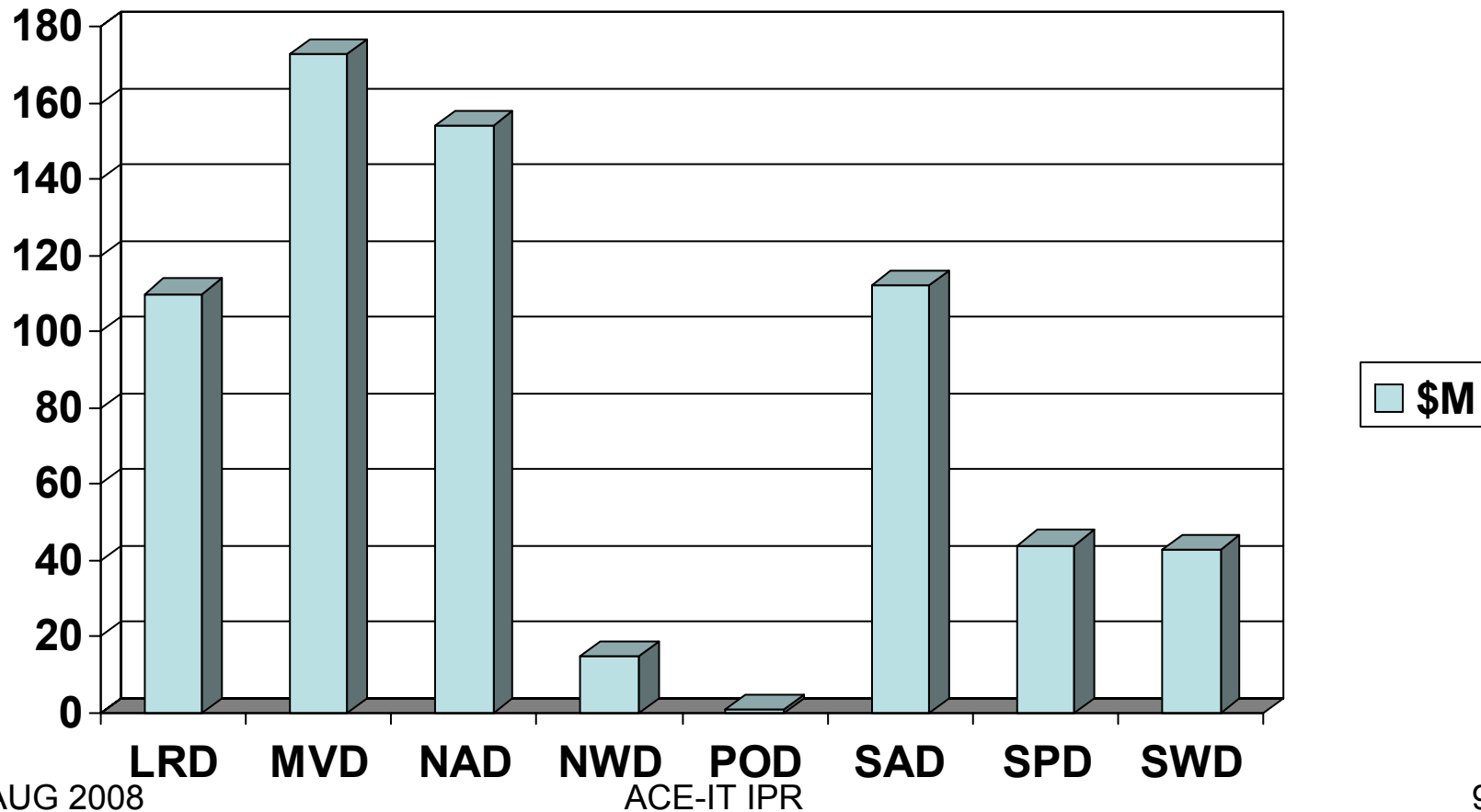
- Standard
  - Full project depth
  - Half project width, 95% of the time
- Trend
  - FY 2005: 38%
  - FY 2006: 35%
  - FY 2007: 32%
  - FY 2009 – 2013: FYDP get to 95%







# ARRA Maintenance Dredging PRELIMINARY ESTIMATE



20 AUG 2008



# ARRA Execution

- MG Temple, Deputy Commanding General for Civil Works and Emergency Response emphasizes:
  - Process
  - People
  - Performance



# Execution Challenges

- Size of the program
- Contract development and scheduling
- Environmental Windows
- Dredge Availability



# Ability to Execute

- Full projects dimensions vs. Restricted Depth and Width
- Walking job versus Production job
- Coordinate the work Regionally and Nationally



# Dredges

- Cutterhead/Pipeline 60%
- Hopper 25%
- Mechanical 15%



# Results

- Improved Channel Availability
  - Critical to the efficient and safe movement of goods
  - Assures US goods competitiveness in the global marketplace
- Subsequent channel maintenance is from an improved base condition



# Summary

- Infrastructure finally getting attention!
- Funds are coming
- Regional Industry Days
- National Plan
- Let's go!