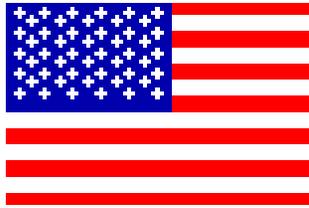


# Session 5

## Environmental Dredging

Panel B

Lessons Learned



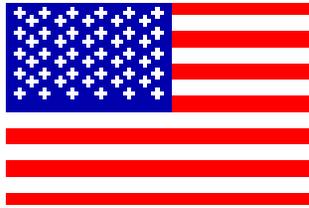
# Environment Dredging



*How do you choose a solution?*

*Answer:*

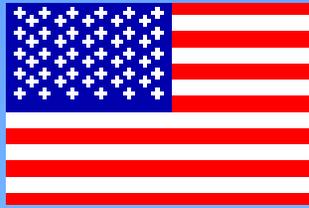
You use a **RISK-BASED** approach



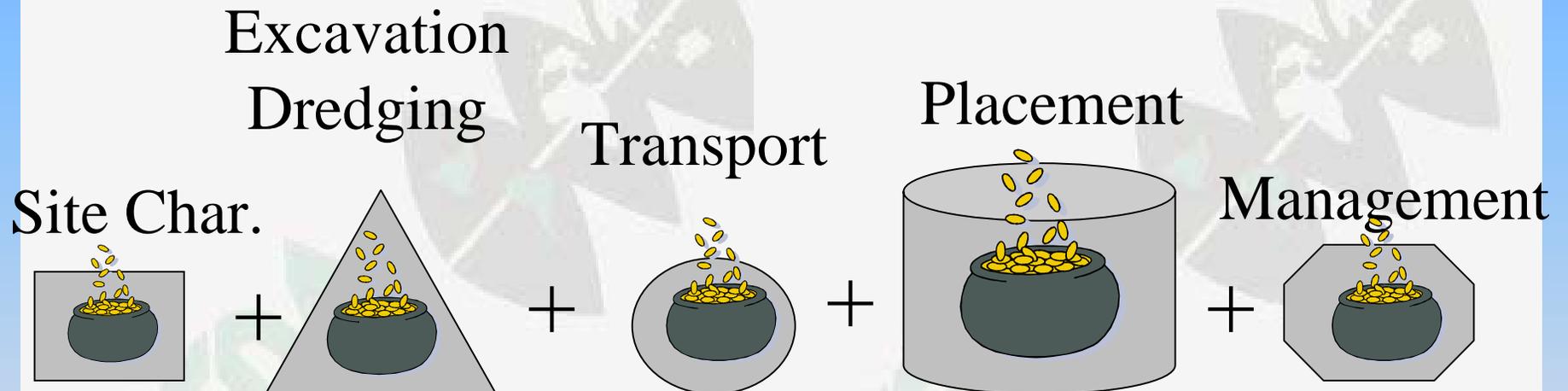
## If you decide to dredge

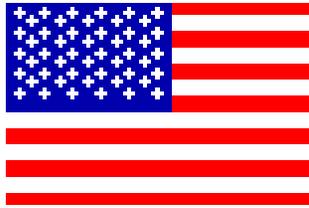


- **Risk doesn't go away**
- **Risk changes from one type to another**
- **Each step in dredging process has risk**
- **Hopefully, total risk is reduced**



# Risk Components of Environmental Dredging





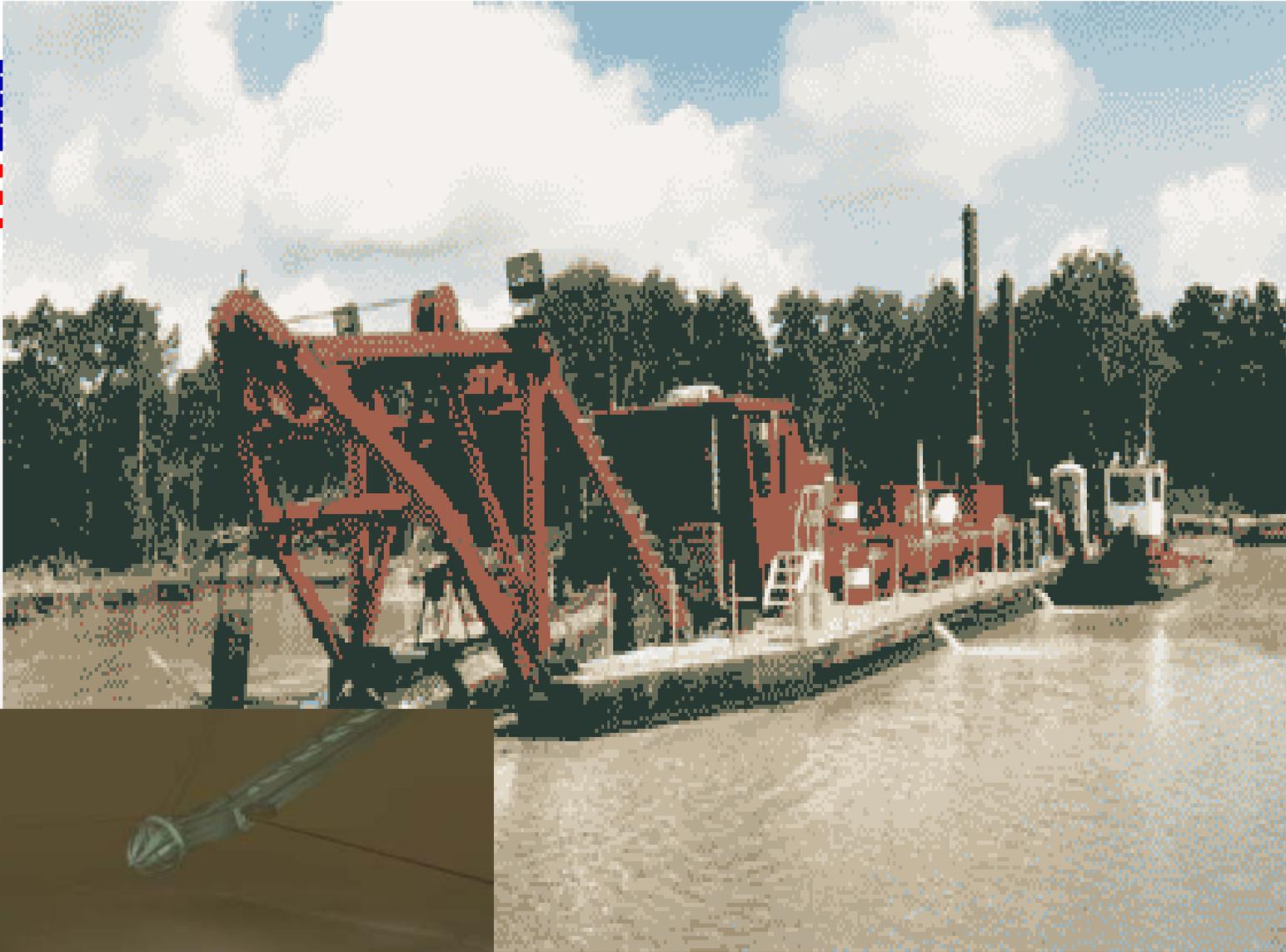
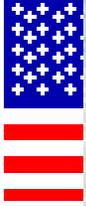
# Focus of Panel B



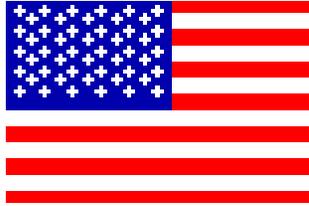
- On the **Dredging Component**



PIANC - AIPCN  
International Navigation Association



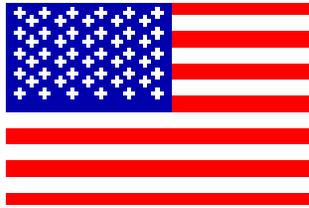
**AIPCN**  
American Inland Port Canal  
Navigation Association



# Lessons Learned



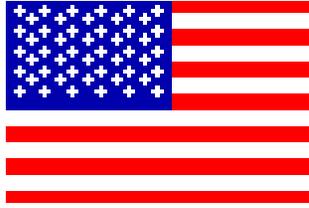
- What we know
- What we don't know
- What we need to know



# Key Questions



- Should contracts be performance-based or tightly specified? Or, does this matter?
- Can the dredging industry meet strict excavation goals based on mass removal and/or residual concentration at the point of excavation?

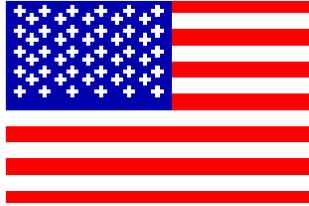


# Key Questions

(completed)



- Does dredge operator performance play a significant role in meeting performance criteria?
- If so, is special operator training required?
- What are the appropriate economic measures of environmental dredging?



## Panel B - Summary



- The results of the session will be summarized in a paper to be prepared and published later in the *WEDA Journal of Dredging Engineering*.
- Acknowledgements - WEDA, PIANC, Presenters and Panel Members, and Participants