Background:

Port Improvement via Exigent Repair (PIER) 
Joint Capability Technology Demonstration (JCTD)

Commanders lack the capability to assure continued logistics agility and freedom of maneuver for US forces and require a capability to rapidly repair degraded port facilities to a minimum level of military usefulness. Lack of an agile repair capability compounds the A2AD threat and limits viable offload options for logistics planners.

Benefits and Use:

Demonstrate COTS technology for pile repair in an expedient environment.

Approach:

• Market Research of COTS Pile Jackets
• Evaluate Expeditionary Value and Capacity Restoration of Pile Jackets During Research and Testing
• Down Select to a Single COTS Technology
• Develop Tactics, Techniques, and Procedures
• Package into specially-designed modular kits transportable on C-17 aircraft
• Repair kits are compatible with current military engineering capabilities