

PORT IMPROVEMENT VIA EXIGENT REPAIR



(PIER) JCTD SPIRAL 1



Building Strong®

Innovative Solutions for a Safer, Better World

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

