

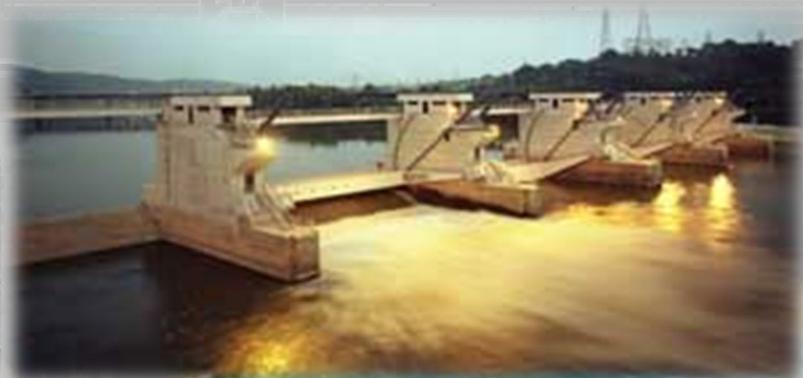
CONSTRUCTION ROUNDTABLE INDUSTRY FORUM

INLAND NAVIGATION DESIGN AND EMERGENCY MANAGEMENT

COL Andrew J. Short, PMP
District Commander

Pittsburgh District

5 December 2019



US Army Corps
of Engineers®



INLAND NAVIGATION DESIGN



- Navigation was the Corps of Engineers' earliest Civil Works mission, dating to Federal laws in 1824 authorizing and funding the Corps to improve safety on the Ohio and Mississippi Rivers and several ports.
- The Corps provides safe, reliable, efficient, and environmentally sustainable waterborne transportation systems (channels, harbors, and waterways) for movement of commerce and national security needs.
- More than 600 million tons of cargo or 15% of domestic freight moves on inland waterways including 60% of the nations grains, 22% of domestic petroleum products and 22% of the coal used for electricity. – USACE maintains 235 Locks and Dams on these waterways.
- In FY19, the Great Lakes and Ohio River Division (LRD) was allocated over \$300M for design and construction and over \$230M to operate and maintain our inland navigation system.



FUTURE INLAND NAVIGATION DESIGN



- Capital Investment Strategy - Upper Ohio Locks, Upper Mississippi Locks, Soo Lock
- Water Resources Development Act (WRDA) 2020
- Indefinite Delivery Indefinite Quantity (IDIQ) Contracts
- Inland Navigation Design Center (INDC)





DISTRICTS SUPPORTING INDC



DISTRICT	CDR	DDE	POC Name	POC #
Huntington	COL Evers	Mike Keathley	Eileen Hodges	304-399-5632
Louisville	COL Gant	Linda Murphy	John Bock	502-315-6300
Nashville	LTC Avichal	Patricia Coffey	Ben Rohrbach	615-736-7497
Detroit	LTC Turner	Scott Thieme	Phil Ross	313-226-4761
Buffalo	LTC Toth	Dave Romano	Josh Feldman	716-879-4393
Chicago	COL Reisinger	Steve Fisher	John Groboski	312-846-5417
Pittsburgh	COL Short	Lenna Hawkins	Jeanine Hoey	412-395-7289



INLAND NAVIGATION DESIGN STANDARDIZATION



Priority component list

- Miter gates and components
- Closure bulkheads
- Hydraulic systems
- Monitoring systems (sensors and data)
- Filling and emptying valves
- Concrete lock wall repairs
- Control systems
- Filling and emptying valve machinery





USACE RESPONSE MISSIONS



Temporary Emergency Power



Debris Management



Urban Search and Rescue



Temporary Roofing



Infrastructure Assessment



Critical Public Facilities & Temporary Housing



USACE ADVANCED CONTRACTING INITIATIVES

- FEMA Funded
- Pre and Post Event Declarations
- Rapid Response
- CONUS and OCONUS
- Event Driven



DISTRICT	Mission	POC Name	POC #
Pittsburgh	Temporary Emergency Power	Al Coglio	412-395-7136
Rock Island	Debris Removal/Disposal	Eddie LaBlanc	337-322-6757
Omaha	Temporary Roofing	Lee McCormack	402-995-2084



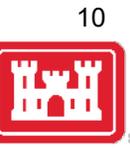
DISTRICTS SUPPORTING EMERGENCY RESPONSE



DISTRICT	CDR	DDE	POC Name	POC #
Huntington	COL Evers	Mike Keathley	Randy Campbell	304-399-5825
Louisville	COL Gant	Linda Murphy	George Minges	502-315-6920
Nashville	LTC Avichal	Patricia Coffey	Jerry Breznican	615-736-7569
Buffalo	LTC Toth	Dave Romano	Phil Stitzinger	716-879-4266
Pittsburgh	COL Short	Lenna Hawkins	Al Coglio	412-395-7136



ADVANCED CONTRACTING INITIATIVE DISTRICTS IN USACE



DISTRICT	ESF #3 Mission	POC Name	POC #
LRD	Temporary Power	Dave Bishop	412-395-7269
MVD	Debris	Jered Gartman	601-634-5026
SAD	Temp Housing415-	Frank Ford	404-562-5150
NWD	Temp Roofing	John Leighow	503-808-3909
SPD	Infrastructure Assessment	John Beldin-Quinones	415-503-6610