

# Establishing the Command Post as a Weapon System

for In-Theater, Homeland Defense & Emergency Operations in Natural Disasters

- ✓ Common Platform across Multiple PEOs
- ✓ Brigade Combat Team (BCT) Command Post (CP) Modernization
- ✓ Littoral Operations
- ✓ Full Spectrum Operations
- ✓ Logistics Enabler



# HCCC

*Harbormaster Command and Control Center*



- **Employment:** Multi-echelon, provides Command and Control (C2) and visibility of watercraft operations and collaborative situational awareness
- **Command & Control:** C2 accomplished via integrated C4ISR on HCCC Platform
- **Interdependencies:** Global Command and Control System (GCCS) databases to enable shared Common Operating Picture (COP)
- **Joint interdependence and interoperability:** Supports Army, Joint, & Coalition Forces







# HCCC



## Harbormaster Command and Control Center

The HCCC mission is to provide command and control of ships approaching a beach or harbor to off load materiel and supplies. The deployable and tactically mobile system provides the Army logistician conducting distributed logistics the sensors and knowledge management tools to establish and maintain Situational Awareness (SA) and Command & Control (C2) of the harbor and littoral environment.

### EXTERNAL SENSORS

- Commercial Off-The-Shelf (COTS) X-band radar with trailer mounted mast
- 25 foot mast
- 500 simultaneous contacts tracking capacity
- Video and Infrared camera system tracks radar inputs
- System in use with Navy Mobile Inshore Undersea Warfare system



### NON-INTEGRATED SENSORS

- Collect, store, display, transmit, and receive local meteorological data
- Collect, store, display hydrographic information



### GENERATOR SUPPORT

- Two 18K Generators mounted on a large TMSS trailer



### C3

COMMAND, CONTROL, & COMMUNICATIONS

- Military & Commercial Maritime Radios
- Secure/Non-secure radios and SATCOM capabilities
- Integrate Movement Tracking System (MTS), Global Command and Control Systems (GCCS) and Battle Command Sustainment and Support System (BCS3) for Command Operational Picture (COP) generation for display on Large Scale Display (LSD)



### HCCC-CPP

HCCC-COMMAND POST PLATFORM

- Utilizing common platforms across multiple PEOs - reduces cost/development time
- Main and remote CPs are identical to support multiple site requirement
- C-17 aircraft deployable with transportation certification inherent in platform



### TMSS-M

TRAILER MOUNTED SUPPORT SYSTEM - MEDIUM

- Existing Standardized Integrated Command Post System (SICPS)
- Internal CP Collaborative Planning
- LSD for COP / SA Enhances Net-centric Battle Command
- 4 workstations & associated equipment for command and control of Army watercraft assets



### PROGRAM STATUS / SCHEDULE

SRR	3QFY09
PDR	3QFY09
MDA LRIP Block I (4 systems)	4QFY09
PM Demo	4QFY09
Block II LRIP (4 systems)	1QFY10



### Point of Contact

#### Command Post Systems and Integration Product Office

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