Navy Expeditionary Combat Command

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The overall classification for this brief is

UNCLASSIFIED
• Provide Oversight for Expeditionary Forces (Organize, Man, Train, Equip and Sustain)
• Command and Control Flag Officer-Led Expeditionary Warfare Commander Battle Staff of Navy Expeditionary Combat Forces
• Commander Task Force 86 - Defense Support of Civil Authorities (DSCA)
• Serve as Executive Agent for Mobilization and Enduring Individual Augmentee (IA) Support

Coastal Riverine

Explosive Ordnance Disposal

Naval Construction (Seabees)

Expeditionary Intelligence

Expeditionary Logistics

Expeditionary Combat Readiness
Navy Expeditionary Combat Force
Global Employment

CRF: CONUS HVU Escort
MDSU: Chamber Support to CVNs
CRF: MK VI in Guam and Bahrain
EOD: ExMCM Bahrain CTF 75/CTF 68 demand signal
NAVELSG: Expeditionary Logistics Distributed Lethality
NAVELSG: Operation Deep Freeze
CRF: HVU Escort
CRF: Embarked Security
NCF, EOD: TSC, Airfield Damage Repair

Continuing Promise Southern Partnership Station Panama Canal HVU Escorts

UNCLASSIFIED//FOUO
NECF Strategy
Implementation of Navy Strategy & Design 2.0

• Agile Expeditionary Logistics to Enable Sustained DMO in the Contested Environment
  (Expeditionary Advance Bases)
  – Exploring opportunities to establish expedient expeditionary operating sites
  – Demonstrate the NECF capability to act independently and execute autonomous sea denial and
    control missions
  – Expeditionary reload of combatants in non-traditional ports
  – Integrating EOD, NCF, and NAVELSG to deliver capability

• Develop Lethal and Non-lethal Expeditionary Sea Control/Denial Capability to Extend the
  Naval Operational Architecture into the Contested Environment
  (Mine Countermeasures and Mark VI Patrol Boat)
  – Increasing the operational employment and lethality of the MK VI
  – Advancing doctrinal development as an ASUW warfighting platform
  – Exercising ExMCM from multiple platforms, integrating into USN MCM solution

• Re-Focus Operational Employment of NECF in the Contact and Blunt Layers to Better
  Compete with GPC Adversaries below the Level of High-End Conflict
  - Communications Denied Environment
Navy Expeditionary C4I Capability Overview

**What We Do**
Provide increased warfighting readiness of Expeditionary Forces through improved development, testing, deployment, sustainment, and training on C4I solutions that are innovative, interoperable, secure, but most importantly **SCALEABLE**. C4I support related to OPNAV approved Tables of Allowance (TOA), accounting for over $800M C4I inventory.

**Craft C4I Integration & Sustainment**
- 300+ boats, MK VI Patrol Boat, 40’ Patrol Boat, 34’ Patrol Boat, Coastal Command Boat (CCB), 7M/8.5M/9M/11M RHIB, Riverine Patrol Boat (RHB), Riverine Command Boat (RCB)
- Wideband SATCOM on the Move (WBSOTM); Link-16; COGENT
- Blue Force Tracker (BFT) systems; MFOCS and BOLT
- Tactical Radios & Comms system integration

**Vehicle C4I Integration & Sustainment**
- 5,000+ vehicles, High Mobility Multipurpose Wheeled Vehicle (HMMWV), Mine Resistant Ambush Protected (MRAP), Medium Tactical Vehicle Replacement (MTVR)
- BFT, Mounted Family Of Computer Systems (MFOCS)
- Tactical Radios & Comms system integration

**Scalable C4I Systems**
Cost-effective scalable C4I solutions for maximum operational flexibility
- Rapid Response Kit (RRK)
- Navy Enterprise Tactical Command and Control (NETC2)
- Expeditionary Carry-On Network (ExCON) for ExMCM

**Tactical Radio Communications**
- Commercial-off-the-Shelf (COTS) Radio communications systems
  - AN/PRC-117G (RT-1949) w/ GPS (MUOS capable)
  - AN/PRC-152A (RT-1916L & Submersible 20M)
  - AN/PRC-160 (WBHF)
  - AN/PRC-157A (VHF)

**Expeditionary Surveillance Control Central (ESCC)**
- Trailer Sensor Platform (TSP)
  - Graphical Data Fusion System (GDFS)
  - Day/Night Surveillance Cameras
  - Surface Search Radar
  - AIS Sensor
  - Tactical Comms

**PMW-790** is Navy’s Expeditionary C4I provider
C4I Arsenal Changes the Game …
Challenges

• JWICS capability to ensure I&W ISO NECF and maximize coordination with Joint forces, allowing improved Battlespace Awareness.

• NETC2 IP transport flexibility to mitigate the lack of antenna redundancy
  – Bandwidth of Opportunity
  – Conduct AoAs to look at new technologies to provide greater SATCOM resiliency for disadvantage users

• Assess NETC2 electronic signature and coordinate signature management with supported forces

• Cross Organizational Integration
  – Integrated Logistics Support (ILS)
  – Small Craft
  – Vehicles
  – GPS modernization transition plan

• Cyber Security Service Provider (CSSP) protection
Questions?