Transforming Joint Operations

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NDIA Presentation

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Agenda

• DoD Transformation Characteristics
• Navy’s Revolutionary Metamorphosis through Sea Power 21
  – Expeditionary Strike Group
• The Joint Battle Space at the end of the Decade: Millennium Challenge 02
  – Joint Fires Initiative
• Areas of Opportunity for Industry
Characteristics of Future Joint Operations
SEA POWER 21

Sea Shield

Sea Trial

Sea Warrior

Sea Enterprise

FORCEnet

Sea Strike

Sea Basing
LANT ESG COMPOSITION

SAIPAN ESG
CPR6/22 MEU(SOC)

ENT CVBG
CCDG12/CDS18/CVW 1

4 SH-60B RAILS IN EACH

USS ENTERPRISE CVN 65
USS GETTYSBURG (CG 64)
USS MCFAUL (DDG 74)
USS COLE (DDG 67)
USS STOUT (DDG 55)
USS THORN (DD 988)
USS HARTFORD
USS SPRINGFIELD
USNS SUPPLY (TAOE 6)

USS SAIPAN (LHA 2)
USS PONCE (LPD 15)
USS GUNSTON HALL (LSD 44)
USS PHIL SEA (CG 58)
USS GONZALEZ (DDG 66)
USS NICHOLAS (FFG 47)
USS MIAMI (SSN 755)
USS NICHOLAS (FFG 47)
A Standing JFHQ

IF...

Operational Net Assessment

Informed by

Employs

THEN...

Today’s Joint Force can have the decision superiority necessary to enable rapid and decisive operations.
Joint Fires Initiative (JFI)

FIND
FIX
TRACK
ENGAGE

ASSESS

Improved:
• Battle Space Awareness
• Cross-Component Coordination
• Hand-off of Time Sensitive Targets

Distributed Integrated Fires: JFLCC, JFACC, JSOTF, JFMCC, JTF JFE.

Mission Coordination: Time Sensitive Targets

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Opportunities for Industry

- IMPROVE THE COLLABORATIVE ENVIRONMENT
  - International Standards
  - Interoperable Tools
  - Affordable Bandwidth

- IMPROVE THE MODELING and SIMULATION FEDERATION
  - Fidelity
  - Consistency

- IMPROVE TST TOOL KIT
  - COLLABERAL DAMAGE ESTIMATOR
  - AIRSPACE DECONFLICTION
  - INTEL PREP OF BATTLEFIELD