Who we are

- Overview
- Mission Based Test Design
- Integrated Test
- Open Architecture
- Unmanned Vehicles
  - History – Present – Future
- OPTEVFOR Role in Capabilities & Requirements
- Discussion
Portfolio

Workforce

* 5 Man-years

COTF Headquarters Total: 296
(Does not include approx 135 Program Funded Contractors)

Budget

FY07: $51.3M

As of 01DEC2007
## Undersea Warfare
- ARC-I
- VA Class ESM System
- MK48 ADCAP
- SSGN Class
- VA Class
- ISIS
- Photonics Mast

## Surface Warfare
- Aegis Ballistic Missile Defense
- USCG Multi-Mission Coastal Helo
- SSDS
- CEC
- Evolved Sea Sparrow
- CIWS Block 1B
- DDG 1000
- LPD-17
- Rolling Airframe Missile
- Tomahawk
- DDG 51
- LCS
- SPY-1D
- T-AKE
- LHA-6

## Air Warfare
- EA-18G Growler
- FA-18 ATFLIR
- AESA
- FA-18E/F H4E
- AH-1W Helo Night Targeting System
- AIM-9X
- Improved Extended Echo Ranging System
- IDECM
- Jmps
- JSOW-C
- V-22
- VH-71
- H-1 Upgrade
- JSF
- SLAM ER
- JDAM
- USQ-113
- EA-6B
- CVN-21
- JPATS
- AARGM

## C4I
- ERP
- Tactical/Mobile
- NGEN
- Maritime Domain Awareness
- SEWIP
- GCCS-M
- Wideband Global SATCOM
- CSEL
- JICO support System
- Net Centric Enterprise Services

## Expeditionary Warfare
- JBPDS
- JCAD
- JEOD
- JSAM
- SRDRS
- Sea Eagle ACTD
- JWARN
- Joint Effects Model

Program list not all inclusive
Navy Initiatives

- The Navy’s Provider Enterprise
  - (T&E Board of Directors)

- T&E Cycle Time Reduction

- Mission Based Test Design

- Integrated Testing
Single Process Owner

“The need for a T&E capability that is synchronized with product procurement across the spectrum is critical to support the Navy’s future war fighting needs. As part of the enterprise integration of T&E there is a need for a single Navy T&E process owner. An additional dimension is the need for a more effective and efficient business model in the relationship between government and industry, the desire to achieve synergism, and produce a “win-win” situation for both entities.”

COMOPTEVFOR “Streamline T&E” Report to CNO July 2005
T&E Board of Directors

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ADM ROUGHHEAD

VICE CHIEF OF NAVAL OPERATIONS
ADM WALSH

COMOPTEVFOR
RDM L VOETSCH

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HONORABLE Mr Thackrah (acting)

OPNAV N091
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RDM Bauchmann SPAWAR
Ms Margret Harrell SES FFC
Program Executive Office

PEO FORUM
Mission Based Test Design

1. Define Tasks
2. Establish Conditions
3. Determine Measures of Success
4. Develop Factorial Design
5. Create Vignettes
6. Develop Detailed Procedures
7. Identify Resources
8. OT Framework

TEMP and TEST PLAN

UJTL, CONOPS, METL
Future T&E Cycles

Operational Test Cycle

Developmental Test Cycle

Deployment

X Months
Integrated Test

- Early OT Testers Involvement
- Early ID of resources
- Elimination of redundant testing
- Reduced program risk
- Shared Test Resources
- MBTD Testing (tied to NMETL)
“Integrated testing is the collaborative planning and collaborative execution of test phases and events to provide data in support of independent analysis, evaluation and reporting by all stakeholders particularly the developmental (both contractor when appropriate and government) and operational test communities.”
Operational Test and Evaluation Force

National Test and Evaluation UV Conference Brief
RDML Stephen S. Voetsch

February 2008
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