25th Annual Test & Evaluation
National Conference

Session D

Resources, Instrumentation, and Targets Summary
Brief #1

TENA

• Test & Training Enabling Architecture (TENA) provides a standardized software interface for interfacing range instrumentation data outputs.

• Version 6.0 is schedule for release soon.
  – Many new improvements
  – New middleware capability
  – Metamodel and model improvements
  – New event management
  – Usability Improvements
Brief #1
TENA (cont...)

• InterTEC – New CTEIP program to develop more tools for Joint Mission Environment Test Capability (JMETC).

• Interface Verification Tool
  – Used to verify and validate the new tools being developed for use with TENA and JMETC.
Brief #2

JMETC

- Joint Mission Environment Test Capability
- New means for linking distributed facilities
  - TENA is a part of JMETC
  - Allow joint mission environment testing
Evolving Threats – How They Impact T&E Testing & Infrastructure

- Outlined a study conducted by AFFTC’s 412th Electronic Warfare Group.
  - Focused on new Evolving Threats and existing threats and how they may potentially impact T&E infrastructure and test capabilities.
  - Also looked at the potential impact to T&E facility security, disaster preparedness.

- Appeared to cover quite a bit of what DTRMC listed as focus areas for their strategic plan for T&E MRTFB ranges.
  - Directed Energy
  - Chem/Bio
  - Nuclear EMP Effects
  - IED and counter IED
Brief #4

Threat/Target Simulation for Live Fire

- Provided a comprehensive overview of NAWCWD’s threat and target simulation capabilities
  - Types of targets available
    - Land/Air/Sea
  - Types of threat simulators (systems) available
    - Land/Air/Sea
      - Mockups (visual only)
      - Mockups (visual) with real RF emitters.
      - RF emitters only