Joint Munitions Technology Programs
• Management and Oversight Structure •

TECHNICAL ADVISORY COMMITTEE (TAC)
Jose Gonzalez, OUSD(AT&L), Chairman

DOD Senior Level S&T Managers and PEOs

DOE/NNSA/DP Senior Level Managers & Lab JMP Managers

TECHNICAL ADVISORY GROUP (TAG)

DoD Fuze IPT

Joint Fuze Technology Program
JFTP

JFTP Manager – Mr. Lawrence Fan
OSD Manager – Mr. Chuck Kelly

4 Technology Groups
FATG I
FATG IV

Joint IM Technology Program
JIMTP

JIMTP Program Manager
Mr. Anthony Di Stasio
OSD Manager – Vacant

5 Technology Groups
MATG I
MATG V

Joint DoD/DOE Munitions Program
JMP

OSD Technical Director
Dr. Chris Cross

8 Technology Groups
TCG I
TCG XIV

Distribution Statement A: Approved for public release; distribution is unlimited.
DoD Fuze IPT

- Fuze IPT provides the strategic view; JFTP provides S&T program execution
- IPT Focused on Strategic Top Initiatives
  - Balance between DoD and Industry
  - Priority objectives/SMART Actions
  - Biweekly IPT Leadership Meetings
  - “Living, breathing….”
- IPT emphasizes engagement w/industry
  - National Armaments Consortium
  - Fuze Advisory Panel

DoD Fuze IPT Strategic Plan provides the framework to address the DoD fuzing needs and issues
DoD Fuze IPT Overview

• DoD Fuze IPT Strategic Plan Implementation Phase well underway
  o Strategic Plan Action List completed and coordinated with industry via National Armaments Consortium (NAC)
  o Multiple Initiatives Including:
    o Fuze Acq Best Practices: Provide Industry insight and collaborative opportunities with Gov’t R&D initiatives (JFTP)
    o Real-Time Engagement with Industry (DoD Fuze IPT meetings and regular telecoms)
    o DoD Fuze Roadmap (Fall Fuze IPT Meeting)
  o Status of progress on IPT Top Initiatives monitored by IPT Leadership and NAC Fuze Advisory Panel

Impacting the US Fuze Base Through DoD Fuze IPT and NAC Fuzing Collaboration
DoD Fuze IPT Membership

OSD
– AT&L / Land Warfare & Munitions
– AT&L / Manufacturing and Industrial Based Policy
– AT&L / Director of Defense Research & Engineering
– AT&L / DCMA
– Policy

Military Services
– Air Force
– Army
– Marines Corps
– Navy

Department of Energy
– Lawrence Livermore National Laboratory
– Los Alamos National Laboratory
– Sandia National Laboratories
– Kansas City National Security Campus (NSC)
● Conducted “Trusted Agent” visits, September 2016, to top U.S. Fuze Producers to obtain anonymous feedback on the U.S. fuze industry’s top strategic concerns/issues which they were hesitant to present to DoD directly

● Concept was spawned by comments from industry during side-bar discussions at the 2016 NDIA Fuze Conference

● Findings were consolidated and presented to the IPT Leaders and broader fuze community to preserve the anonymity of the fuze producers

● Way-Forward:
  ● Top strategic concern/issues have been prioritize by the NAC Fuze Advisory Panel
  ● Prioritized concerns will be integrated into the Fuze IPT’s list of Strategic Plan Goals and Objectives to determine the next set of IPT Top Initiatives to be pursued
DoD Fuze IPT Accomplishments (Cont)
Since 59th NDIA Fuze Conference, May 2016

✓ OSD Industrial Base Analysis and Sustainment (IBAS) ESAD Program
  ✓ Fuze IPT and JMC IBAT Office played critical role in providing data needed for ODASD Manufacturing and Industrial Base Policy (MIBP) DMAG analysis which resulted in the Department providing over $19M of funding to address the fuze related industrial base sustainment concerns
  ✓ IPT Subject Matter Experts (SMEs) instrumental in structuring and executing effort

✓ EX-Number Initiative established a process for industry to leverage future DoD Final Hazard Classification tests to obtain a DOT EX-Number for direct commercial sales (DCS)
  ✓ To implement this process, industry must take action to engage PEO/PM
DoD Fuze IPT Accomplishments (Cont)
Since 59th NDIA Fuze Conference, May 2016

- Fuze Acquisition Best Practices for Gov’t Issued Technical Data Packages (TDPs) Initiative
  - Final Action Officer Team recommendations presented at the Fall 2016 DoD Fuze IPT meeting, Nov 1, 2016 to gov’t and industry participants
  - Program specific recommendations actively being pursued by the Services

- 2017 DoD/DOE M&S Users Forum Industry Day, Jan 31st, a huge success
  - Forum structured to hold a series of 1-on-1 sessions along with an “open” session on DOE M&S updates based on feedback from industry
International Fuze Industrial Community Engagement initiative ensures that the IPT is considering the best fuzing technologies and capabilities available for the warfighter:

- IPT is leveraging Service efforts to establish a Gov’t-to-Gov’t MOU for additional insight to specific fuze technologies & capabilities
- Joint US/UK white paper topics submitted for an FY18 Coalition Warfare Program

More details to follow in Dr. Jason Foley’s presentation, “DoD Fuze IPT Perspective or Air Force Joint UK Overview”
✓ Safety Engagement Initiative is addressing industry’s request for a formal mechanism for engaging the Services’ Safety SMEs/Boards

✓ Phase I of this implementation plan will be limited to a technical review performed by a Joint Emerging Technologies Review Panel (JETRP)


✓ A CRADA with the National Armaments Consortium (NAC) is envisioned as the contractual mechanism for industry to request a JETRP assessment

DoD Fuze IPT touted by the NAC Executive Director as the “model of how Gov’t should interface with Industry”
Road Ahead

• Strategic Plan Implementation
  – IPT is making good progress on its current list of Top Initiatives
  – Integrate the prioritized list of Fuze Primes Top Strategic Concerns/Issues
  – Identify next set of IPT Top Initiatives to be addressed

• Emphasize Collaboration with Industry
  – Work through the NAC Fuze Advisory Panel for industry perspective
  – Improve communication, as appropriate, with broader U.S. fuze related industrial base
  – Strive for near term fuze base wins with industry

IPT’s Top Initiative List is where the rubber meets the road…success requires integrated Gov’t & Industry fuze acquisition and S&T effort
Questions?

Developing Fuzing Solutions for the Warfighter

Distribution Statement A: Approved for public release; distribution is unlimited.