



# DoD Fuze IPT Overview

## *60<sup>th</sup> Annual NDIA Fuze Conference*

### *10 May 2017*

Lawrence Fan (NSWC IHEODTD)  
presenting for  
Chuck Kelly  
OUSD (Acquisition, Technology & Logistics)





# Office of the Secretary of Defense



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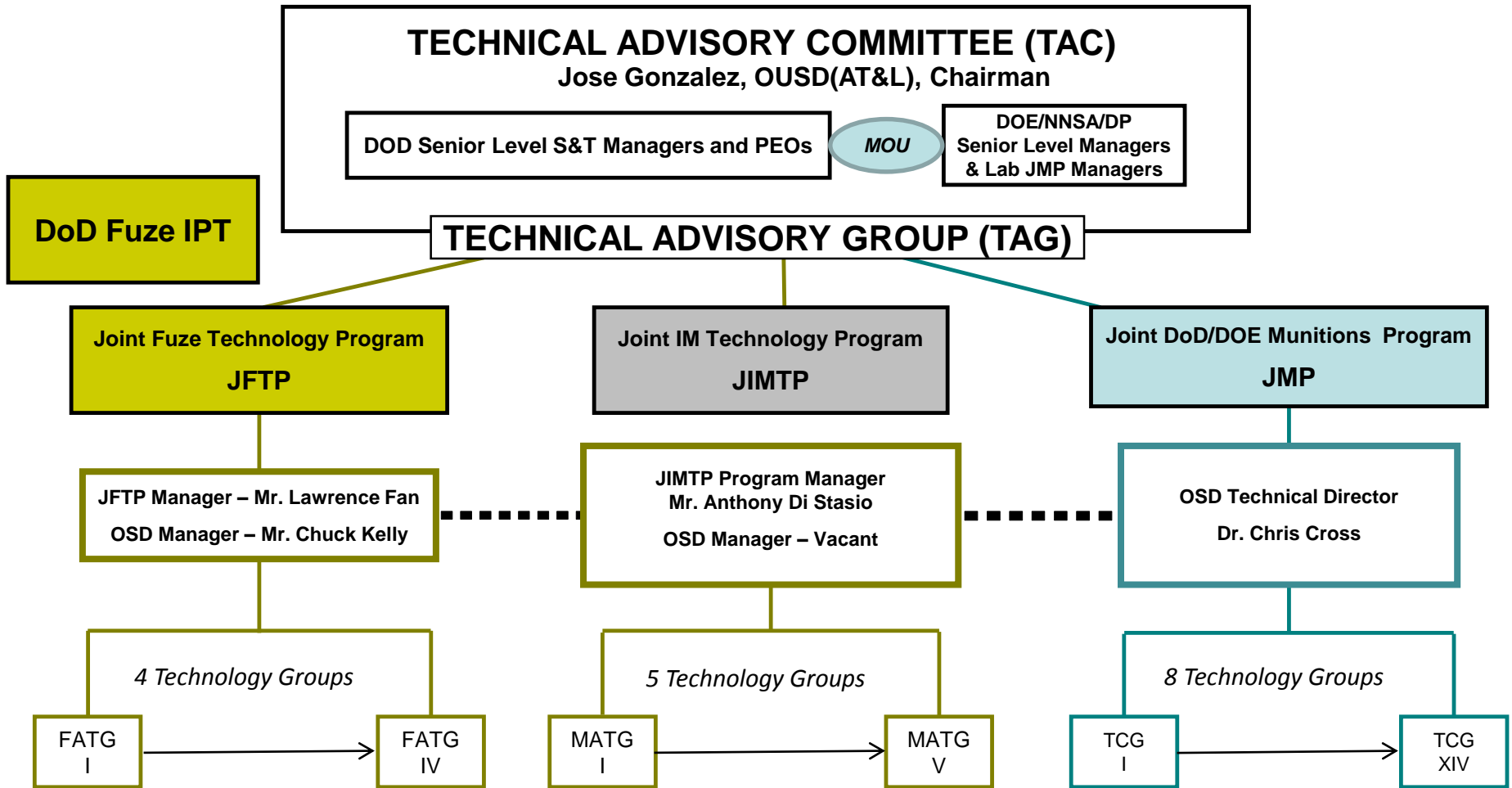
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# Joint Munitions Technology Programs

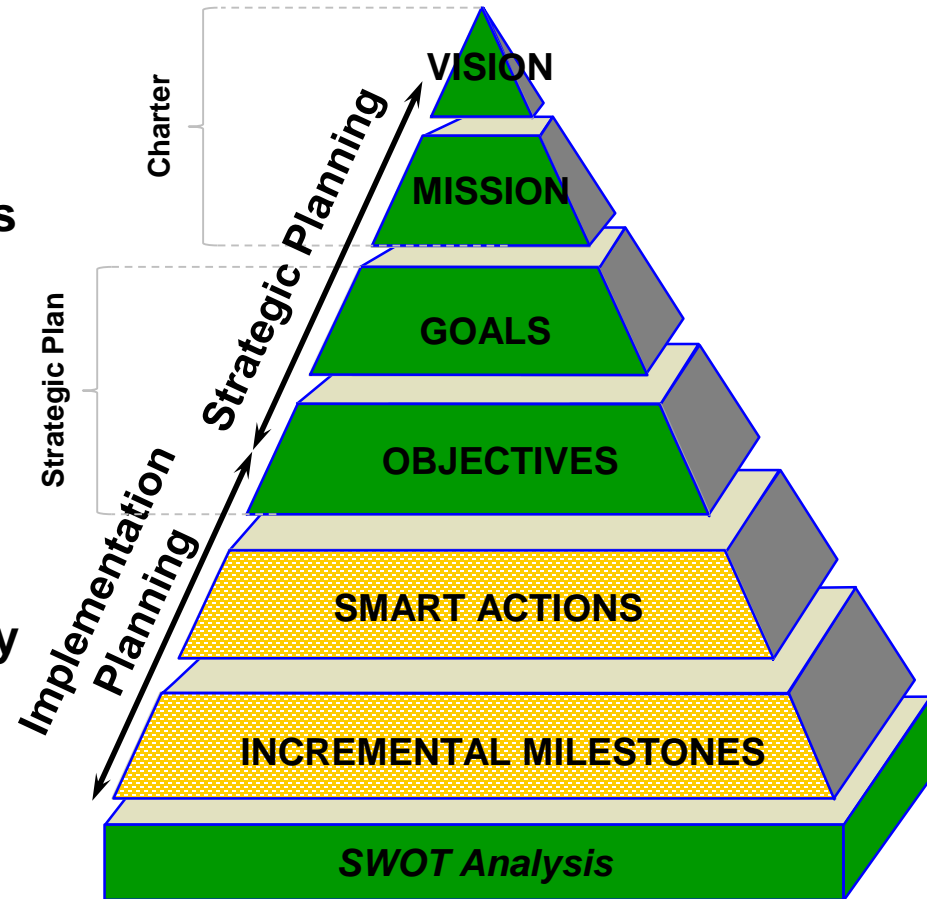
- Management and Oversight Structure •





# 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**
  - Strategic Plan Action List completed and coordinated with industry via National Armaments Consortium (NAC)
  - Multiple Initiatives Including:
    - Fuze Acq Best Practices: Provide Industry insight and collaborative opportunities with Gov't R&D initiatives (JFTP)
    - Real-Time Engagement with Industry (DoD Fuze IPT meetings and regular telecoms)
    - DoD Fuze Roadmap (Fall Fuze IPT Meeting)
  - 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)



# DoD Fuze IPT Accomplishments

Since 59<sup>th</sup> NDIA Fuze Conference, May 2016

- ✓ 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

**NDIA Fuze Conference Discussions Forged Path for Better Understanding of Industry’s Top Strategic Concerns/Issues**



# DoD Fuze IPT Accomplishments (Cont)

Since 59<sup>th</sup> 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 59<sup>th</sup> 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 31<sup>st</sup>, 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**



# DoD Fuze IPT Accomplishments (Cont)

Since 59<sup>th</sup> NDIA Fuze Conference, May 2016

- ✓ **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**
  - ✓ **US/UK Fuze Technology Coalition Warfare Program Workshop, Oct 12-13, 2016**
  - ✓ **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"**



# DoD Fuze IPT Accomplishments (Cont)

Since 59<sup>th</sup> NDIA Fuze Conference, May 2016

- ✓ **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)**
  - ✓ **"Joint Weapons Safety Working Group (JWSWG) Endorsement Memorandum of the DoD Fuze Integrated Product Team New Technologies Review Process" approval letter signed 6 Jan 17**
  - ✓ **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***

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