

# Science & Technology Support to

# **U.S. Central Command Operational Needs**



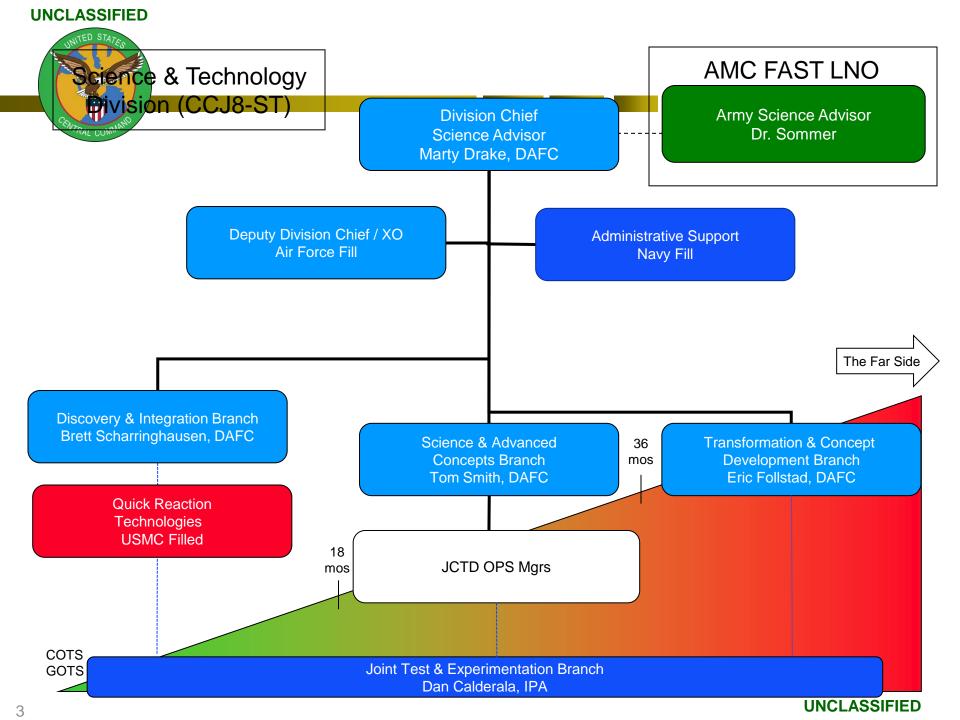


## Charter

Conduct discovery, research, analysis, and sponsor development of new and emerging technologies and techniques which have the potential to provide solutions to Headquarters and Component validated Joint needs.

**Review** USCENTCOM and Component **plans**, **operations**, programs, policies and activities for areas where technology will improve efficiency and effectiveness.

**Integrate** across USCENTCOM headquarters and Component staffs for transformational, integrating, and experimentation activities.







#### U.S. Central Command Tech Focus

- We focus on the JOINT solution that has the potential to satisfy a JOINT validated need
- Separate from the many technology needs of our customer(s) those technology challenges which:
  - Do not have a readily available solution
  - For high-impact needs there is *insufficient activity* pursuing a solution
- Seek out game-changing technologies which our customer(s) don't know they need





## The S&T Requirements Grinder

IPL, JQRR, etc.

OPLANs – Theater Strategy **JEONs JUONs Current Operations** 

TODAY's
FOCUS AREAS:
IPL
&
JUONs

Science and Technology Needs



- 90 active and many of the 401 inactive JUONs were reviewed.
- Filters used:
  - JUONS that are using OCO and need to POM funding,
  - are mature enough to be POMed,
  - capability that prevents IED emplacement,
  - capability that helps win the heart and minds, and
  - capability that helps attack the IED network.

#### **SIPR sites for viewing USCENTCOM JUONS:**

http://www5.centcom.smil.mil/crim/req\_needs\_introduction.asp, or http://jrockmds1.js.smil.mil







# USCENTCOM FY14-18 Integrated Priority List (IPL) (U)



# USCENTCOM 2012 Science and Technology IPL (STIPL) (U)





# USCENTCOM 2012 STIPL Statements (U)



# When proposing a solution ... The Heilmeier Questions ... adapted

- What are you trying to do?
  - Articulate your objectives using absolutely no jargon
- Who should care?
- How is it accomplished today?
- What are the limits of the current practice?
- What is new in your approach?
- Why do you think you will be successful?
  - How do you define / measure success?
  - What is your strategy to get there?
- How long will it take and at what cost?
- What are the risks?
- What is your risk reduction / mitigation strategy?
- What are the payoffs / return on investment?



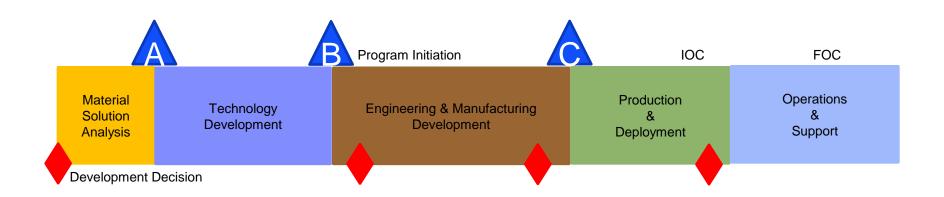
## For Technology Developers Some Points to Consider

- Seek to understand how your solution fits in the overall DoD system of systems
  - Integrate with legacy systems vice replace them
  - Open architectures receive higher interest / support
- Consider partnering with others to bring a 'greater' solution to the table; system best-of-breed vice at the component level
- Determine your impact to a Service program of record
  - Training
  - Initial fielding
  - Sustainment
- Substantiate your position with data
  - Testing
  - Cost-benefit analysis

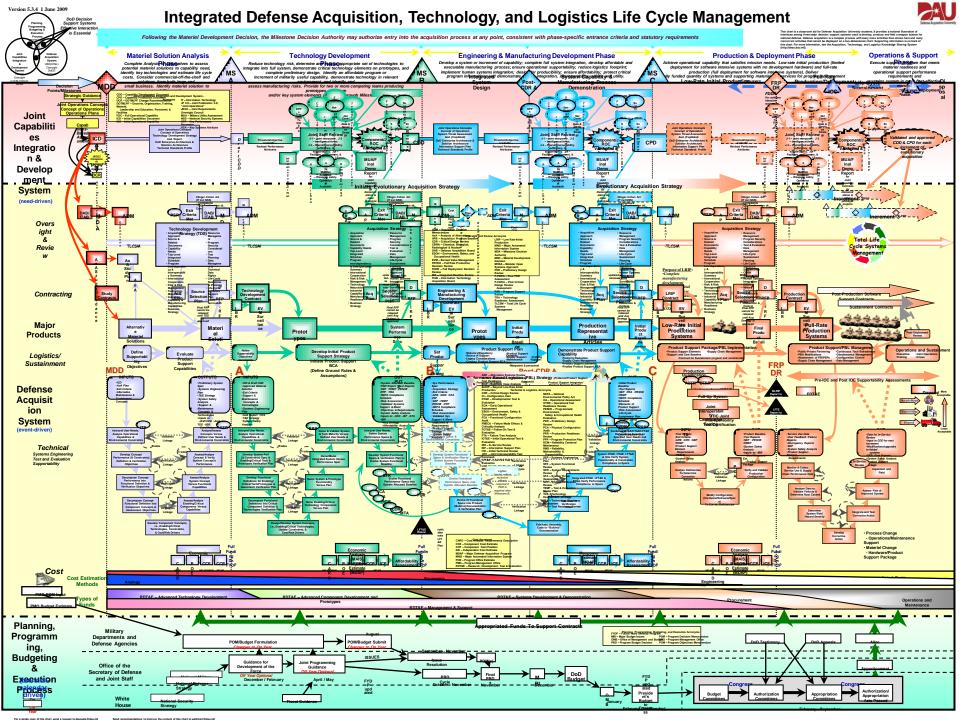




## Simplified DoD Acquisition Process



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