



WSARA and DT&E within the DoD

Mr. Chris DiPetto

**Acting Director,
Developmental Test & Evaluation**

26th National T&E Conference

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Agenda



- **DT&E Title 10**
- **Organization**
- **Mission**
- **DDR&E Imperatives**
- **DDT&E Plan for 2010**
- **FY09 Joint Annual Report**
- **DT&E in Rapid Acquisition**
- **Program Oversight**
- **Policy and Guidance**
- **Summary**



DT&E in Title 10, USC



The DDT&E is the principal advisor to the Secretary of Defense and the Under Secretary of Defense for Acquisition, Technology and Logistics on developmental test and evaluation in the DoD

Responsibilities:

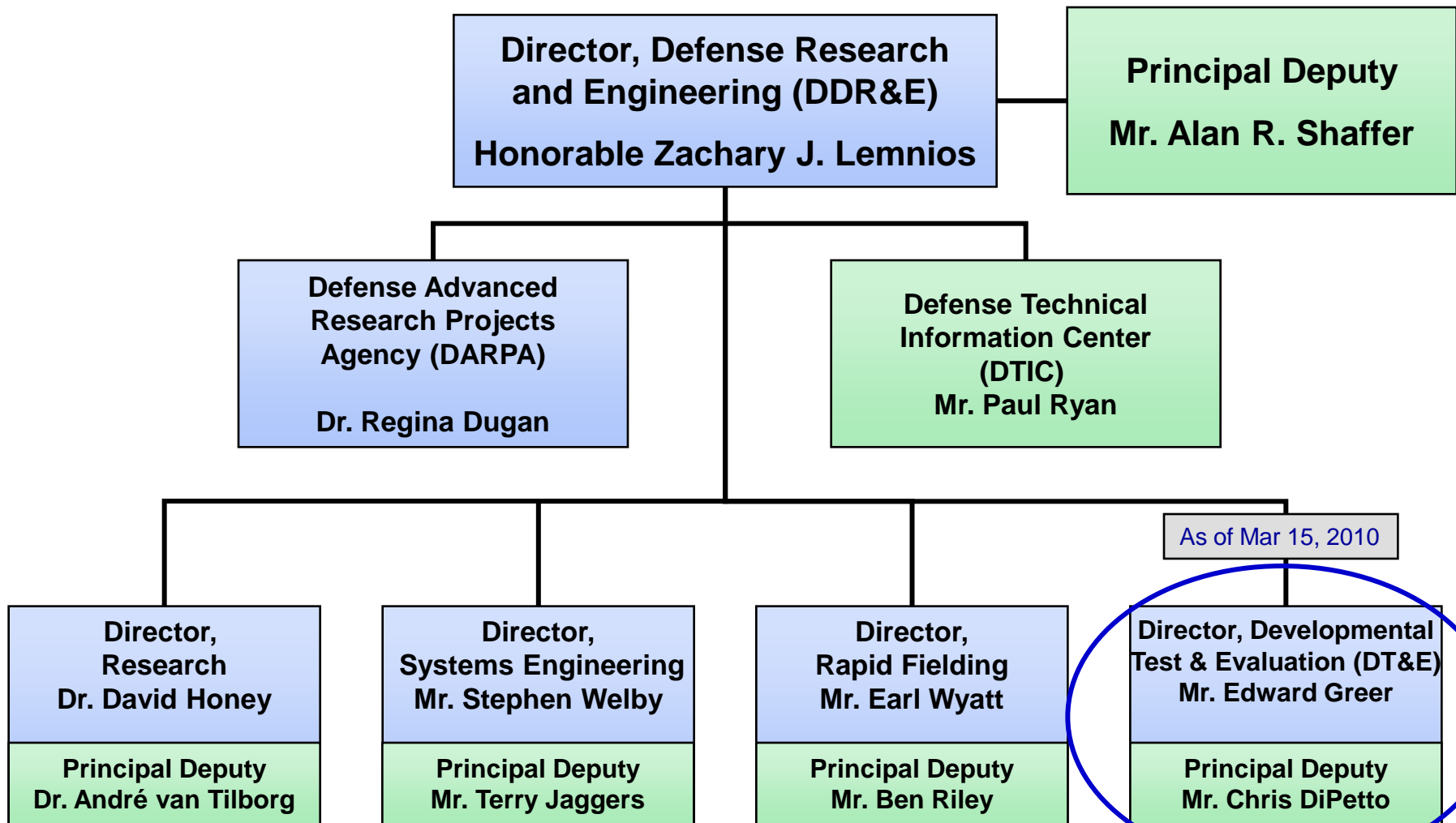
- Program Oversight
- Policy and Guidance
- TES/TEMP approval (with DOT&E)
- Advocacy for Acquisition DT&E workforce
- Component T&E Capability
- Annual Report to Congress



DoD Systems *take too long* to field, *cost too much* and *don't perform* as required

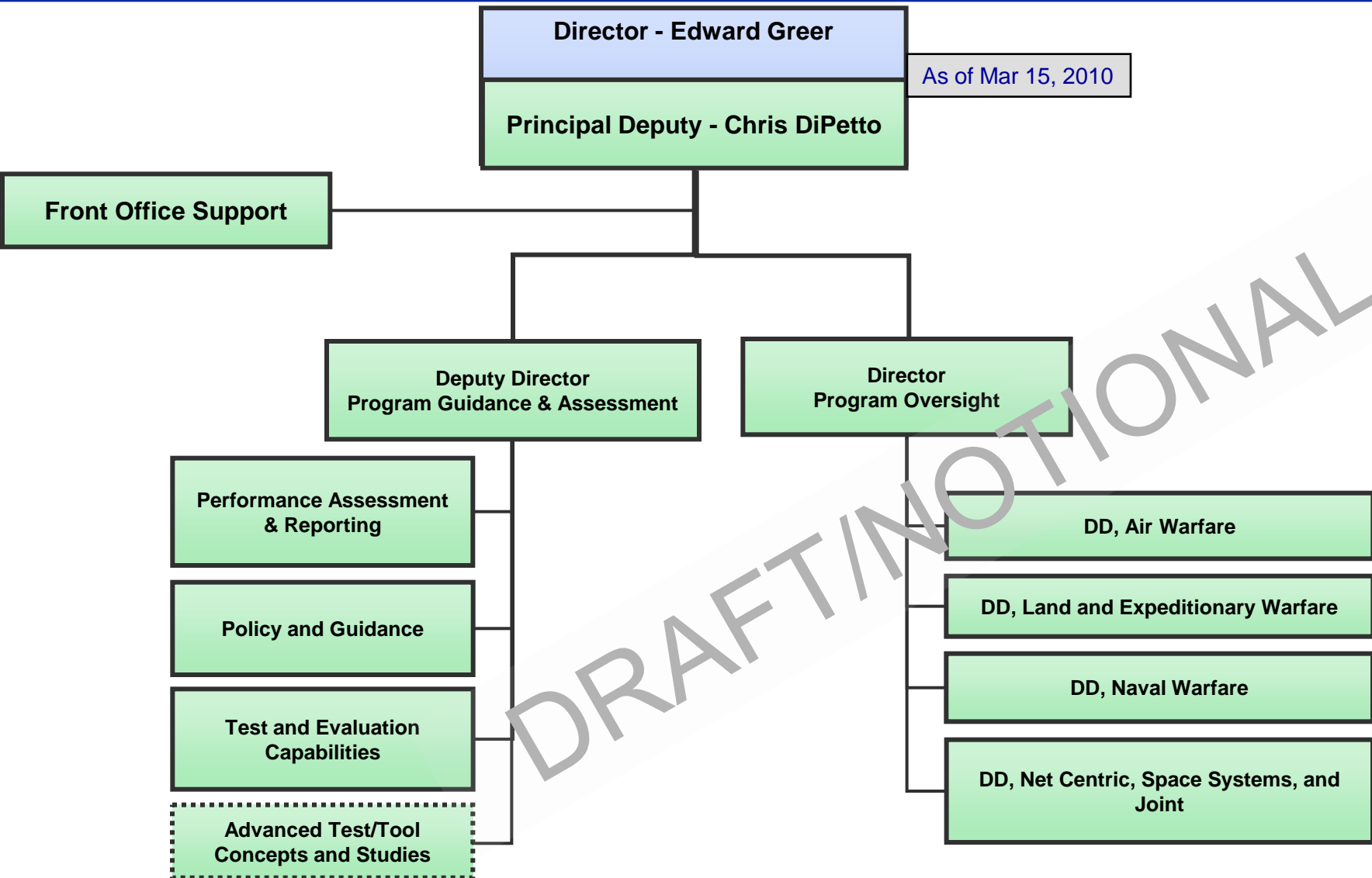


DDR&E Organization





DT&E Organizational Chart

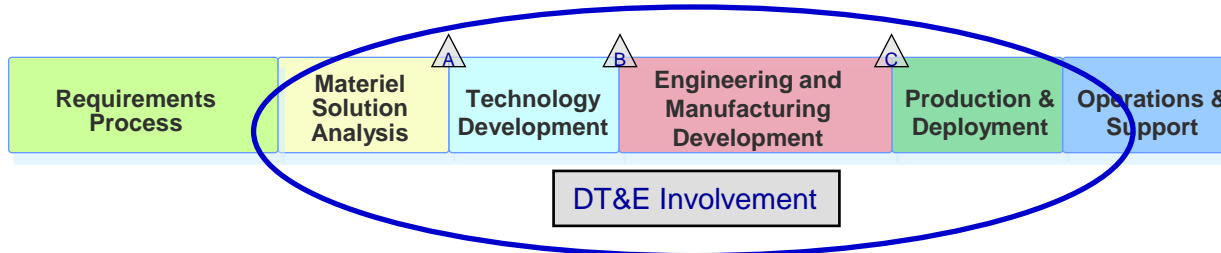




DDT&E Mission



As an *advocate* for the DT&E community, we provide *Policy* and *Oversight* across the lifecycle for Acquisition Programs



The right information, to the right decision maker, at the right time, for *better* decisions



DDR&E Imperatives



- Accelerate delivery of technical capabilities to win the current fight: **Rapid Fielding**
- Prepare for an uncertain future
- **Reduce the cost, acquisition time and risk of our major defense acquisition programs**
- Develop world class science, technology, engineering and mathematics capabilities for the DoD and the Nation

“One dollar of waste in our defense budget is a dollar we can’t spend to support our troops or prepare for future threats or protect the American people”

Robert M. Gates



DDT&E Plan for 2010



2010 Strategic Activities

- 1. Establish office of DDT&E to provide independent performance assessments to the MDA**
 - Organize, recruit and train T&E (organic and external)
 - Use Detailees and Loaners as DT&E Office stands-up
 - Become whole in Program Budget Review FY11 (level funding FY09 - FY11)
 - DT&E full staff allocation planned for FY12
- 2. Develop and institutionalize DT&E assessment criteria for MDAPs:
How do we assess programs?**

Planning, Execution, Results

- Document in TES/TEMP
- Where do we get our info (see #3)?
- What do we do with it (see #4)?

DOT&E – Director, Operational Test & Evaluation
OTA – Operational Test Agency
RTO – Responsible Test Org
MDA – Milestone Decision Authority
TES – T&E Strategy
TEMP- T&E Master Plan
MDAP – Major Def Acq Program



DDT&E Plan for 2010



2010 Strategic Activities (Con't)

3. Develop Component Information Flow

- Develop analogue to DOT&E OTAs (leverage RTOs)
- Reconstitute field test organizations as Centers of Expertise to perform RTO function

4. Pilot the WSARA Annual Report as a vehicle to track MDAP T&E planning and performance assessment

- Define assessment criteria
- Risk assessments for planning, execution, results

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MDAP – Major Def Acq Program



FY09 Joint Annual Report



- **Service Assessment on T&E Organizations/Capabilities**
 - Contracting Requirements in Acquisition
 - Planning of DT&E activities
 - DT&E Execution, Data Analysis and Evaluation

- **DDT&E assessed 17 MDAPs for:**
 - Extent to which MDAPs are fulfilling objectives of their SEPs and DT&E plans
 - Waivers and deviations from test requirements
 - Assessment of the organization and capabilities planning and DT&E with respect to such programs

- **DT&E FY09 Activities**
 - Policy and Guidance
 - Program Development
 - Oversight
 - T&E Acquisition Workforce



DT&E in Rapid Acquisition



- **“Rapid MDAP”**
 - Acknowledged and suitably accommodated in OSD oversight
 - Early DT&E involvement
 - Appropriately scope traditional roles
 - Technology Readiness / System Maturity
 - Safety
 - Capabilities & Limitations
 - Effective & Suitable
- **Rapid Fielding of Urgently Needed Capability**
 - Usually not an OSD DT&E policy or oversight function, however...
 - DoD DT&E ability (to be) captured in Component assessments (WSARA)
 - Future DT&E capability addressed through TRMC CTEIP/S&T programs and DDR&E/DDT&E S&T efforts
 - T&E expertise within DDR&E for rapid fielding
 - Appropriately scope/tailor traditional roles: scalable for time/need
- **Agile IT – compress IT acquisition time**
 - Existing OSD policy & guidance supports agile IT
 - Reengineering needed to develop scalable, repeatable, rigorous T&E processes aligned to the assessed risk-based levels of testing



Program Oversight



- **Artifact Development and Approval**
 - TES/TEMP
- **Program Support and Mentoring**
 - WIPTs, OIPTs, Working Groups, Program and Design Reviews, Technical Reviews, AOTRs
- **Defense Acquisition Board (DAB) Engagement**
- **Develop Assessment Criteria**
 - Measures and Metrics
 - AOTRs
- **Directed Reviews**
 - Nunn-McCurdy Certification Teams
 - Senior Leadership



USA Stryker



USN CVN-78



Joint Light Tactical Vehicle



USAF Global Hawk



Policy and Guidance



- **Fact of Life**
- **Incorporating Best Practices**
- **Reactionary**
- **Good Ideas**
- **Something New**



DDT&E works closely with DT&E Components and the Services to develop Policy and Guidance



Summary



- **The Office of the Director, DT&E is established**
- **DoD recognizes and values effective DT&E planning, execution and reporting**
- **DDT&E is the principal advisor to the Secretary of Defense and the Under Secretary of Defense for Acquisition, Technology and Logistics on DT&E in the DoD**





Contact



OFFICE OF THE SECRETARY OF DEFENSE
DIRECTOR, DEFENSE RESEARCH AND
ENGINEERING

DEVELOPMENTAL TEST & EVALUATION

3020 Defense Pentagon
Room 5A1076
Washington, DC 20301-3020

TEMP **at** OSD **dot** MIL



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better decisions**