



International S&T Cooperation

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Outline

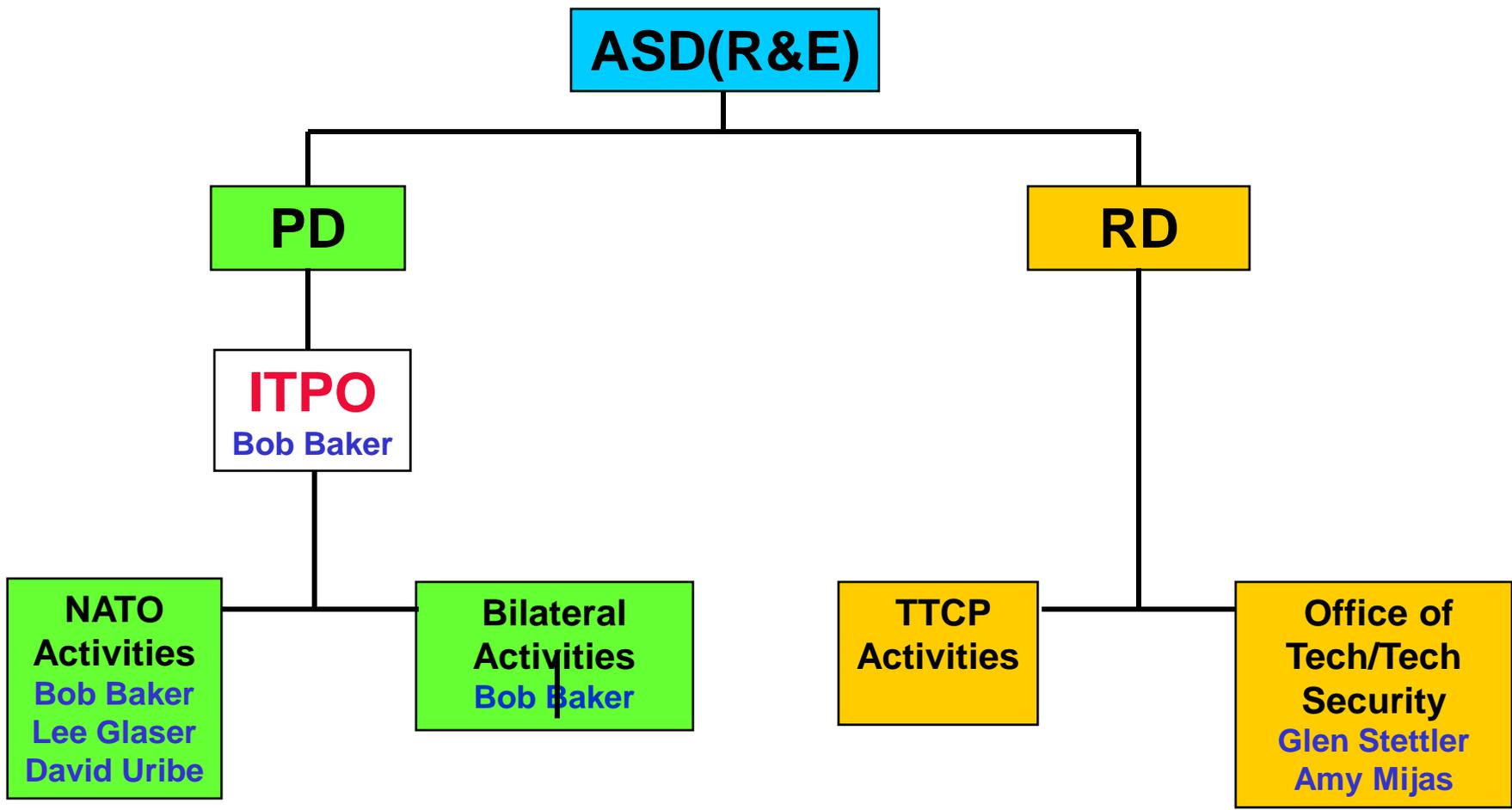


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- ***Background***
 - ***The Technical Cooperation Program***
 - ***NATO Research Technology Organization***



ODDR&E International S&T Cooperation

The Way It Is Now





International Agreements



- **The international S&T collaboration process is time consuming and documentation intensive, but it is required by Public Law (Title 10 Sec. 2350a) and DoD Directive 5530.3.**
 - Most DoD international S&T collaboration activity is executed by the Military Departments.
 - Each Department has a staff whose primary duty is the execution of the international S&T collaboration process.
 - OASD(R&E) does not have the lead on many international S&T collaboration programs.
 - OASD(R&E) is involved in many of these programs but lead and funding is found in the Military Departments.



International Agreements



- **International S&T collaboration agreements are documented in the form of Memorandums of Understanding (MOUs), Information Exchange Agreements (IEAs)/Data Exchange Agreements (DEAs), and Project Agreements (PAs)**
 - **MOUs**
 - MOUs are overarching agreements for 2 or more countries to collaborate in the area of science and technology.
 - MOUs are implemented through I/DEAs and PAs.
 - MOUs state the objectives and scope (6.1, 6.2, 6.3) of agreements.



International Agreements – Cont.



– I/DEAs

- I/DEAs are agreements between 2 or more countries that identify a specific technology area collaboration will take place in
- I/DEAs must be coordinated between individuals from the countries involved, with OUSD(AT&L)/IC, and OGC. In order for information or data to be exchanged between Nations, a Delegation of Disclosure (DDL) should exist for each I/DEA
- If a DDL does not exist, then any information or data which is exchanged must be reviewed and approved through the foreign disclosure process/officer for the executing component
- There is no requirement to commit/identify funding or other resources for a I/DEA



International Agreements – Cont.

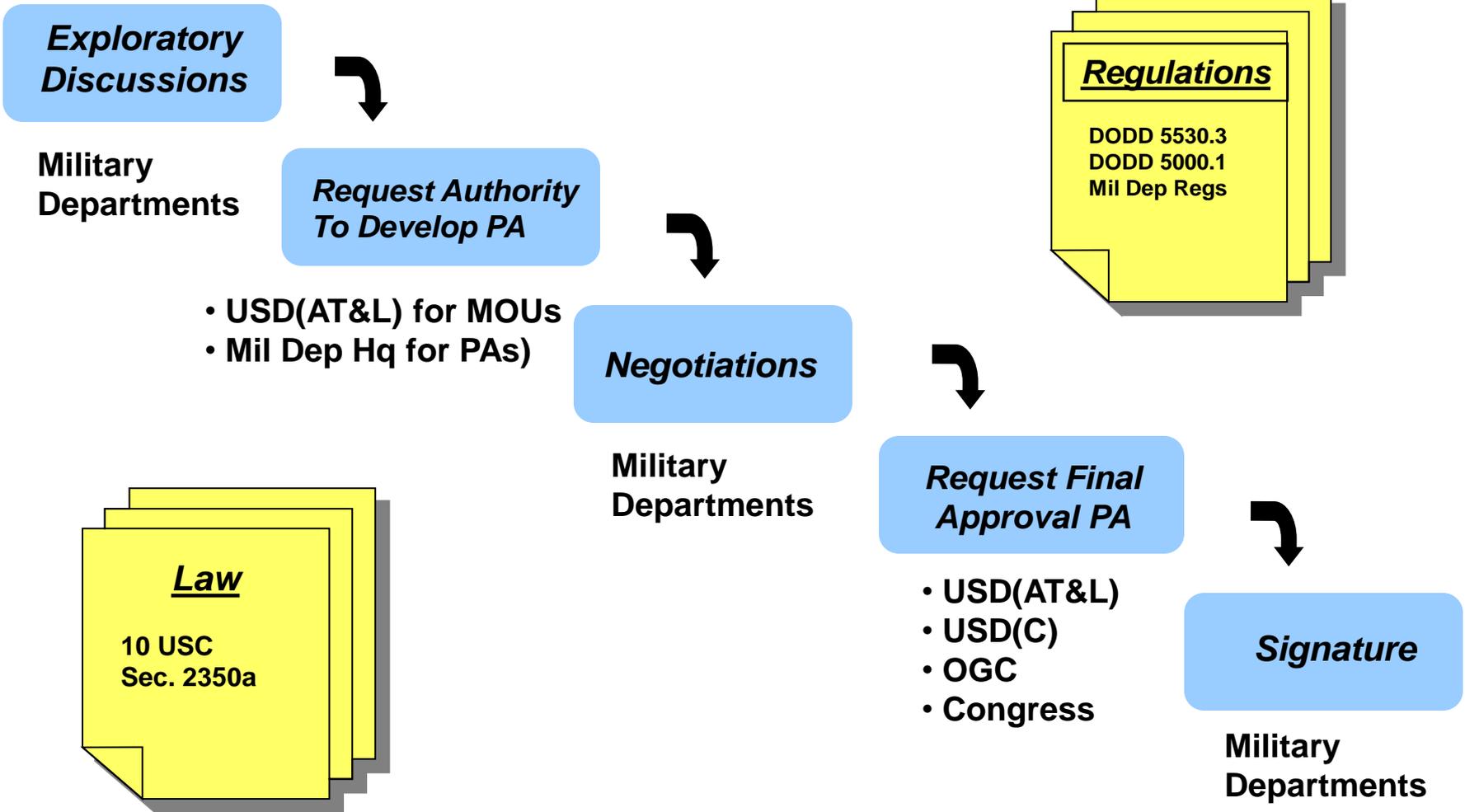


– PAs

- PAs are different from I/DEAs because funding and other resources are identified for the collaborative effort
- Bi/multilateral activities
- Require DDLs
- Any changes to scope or funds require PA amendment
- PAs must be coordinated with OUSD(AT&L)/IC, OGC, and OUSD(C)
- OUSD(AT&L)IC must notify Congress of all PAs and Congress has 30 days to review and approve/disapprove
- Contractors working on PAs and making exports need State Dept. authorization



International Project Agreement Process





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What is TTCP?

The Technical Cooperation Program



- **Five-nation cooperative S&T arrangement**
 - United Kingdom, Canada, Australia, New Zealand, United States
- **Eleven S&T Groups consisting of:**
 - 80 Technical Panels with 1200 scientists and engineers
 - 170 organizations at 450 sites
 - 300 active work strands
- **Defense-wide organization with emphasis on S&T**
 - Mechanism to facilitate combat interoperability through S&T cooperation
- **Global network of world class scientists and engineers**





Current TTCP Groups



- **Aerospace Systems (AER)**
- **Command, Control, Communications & Information (C3I)**
- **Chemical, Biological and Radiological Defence (CBD)**
- **Electronic Warfare Systems (EWS)**
- **Human Resources and Performance (HUM)**
- **Land Systems (LND)**
- **Joint Systems and Analysis (JSA)**
- **Maritime Systems (MAR)**
- **Materials and Processes Technology (MAT)**
- **Sensors (SEN)**
- **Conventional Weapons Technology (WPN)**



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The STB Panels/Group



- **AVT** Applied Vehicle Technology
- **HFM** Human Factors and Medicine
- **IST** Information Systems Technology
- **SAS** System Analysis & Studies
- **SCI** Systems Concepts & Integration
- **SET** Sensors & Electronics Technology
- **MSG** Modelling and Simulation Group