

Choosing the CMMI®-ACQ

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Contractor

DTRA

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Definitions used in this presentation

- CMM®: Capability Maturity Model
- CMMI®: CMM Integrated
- CMMI®-ACQ: CMMI for Acquisitions
- CMMI®-DEV: CMMI for Development
- CMMI®-SVC: CMMI for Services
- CPI: Continuous Process Improvement
- DoD: United States Department of Defense
- DTRA: Defense Threat Reduction Agency
- EVMS: Earned Value Management System
- P-CMM®: People CMM®
- PIT: Process Improvement Team
- ROI: Return on Investment
- WBS: Work Breakdown Structure

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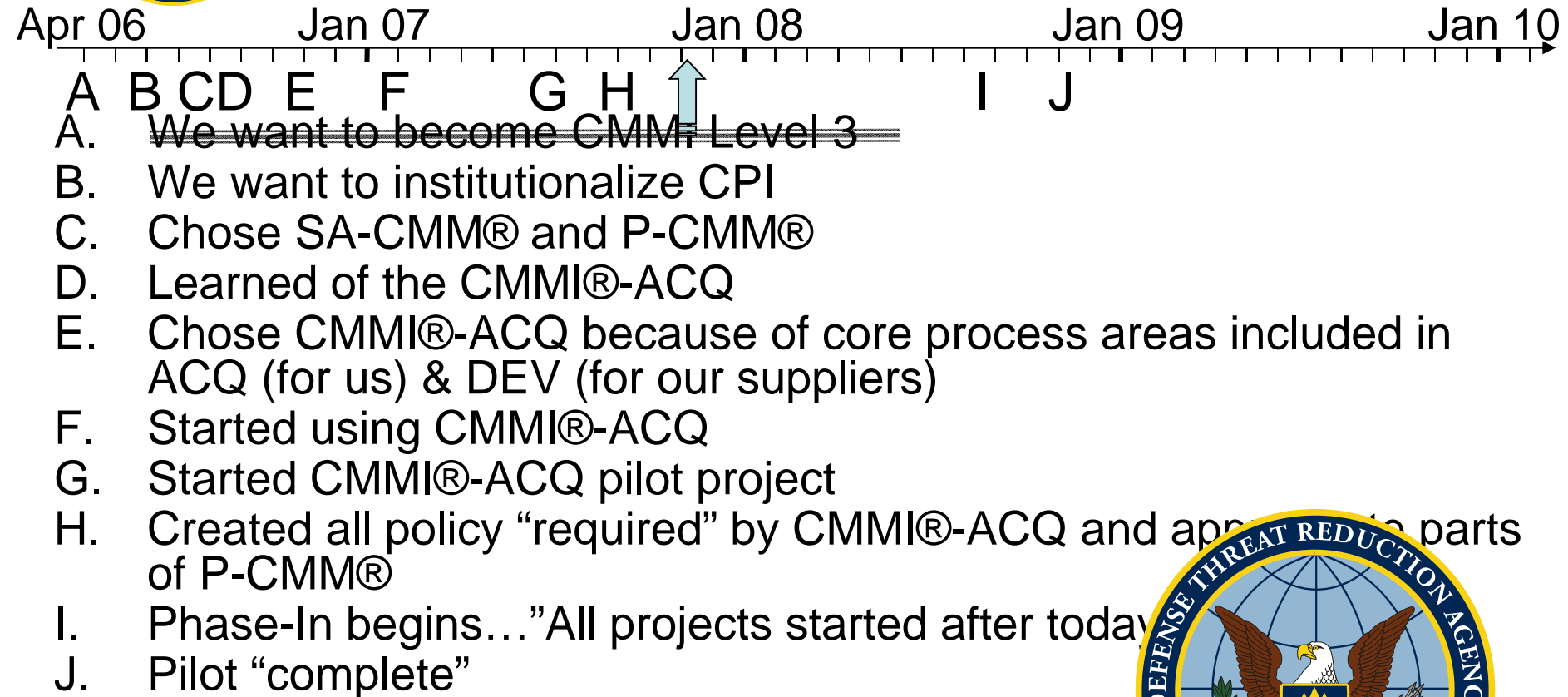
Who we are

- Defense Agency
 - Acquire software
 - Fund studies
 - Integrate DoD tools
 - Integrate U.S. Government data
 - Provide toolset to DoD customers



How we chose CMMI®-ACQ

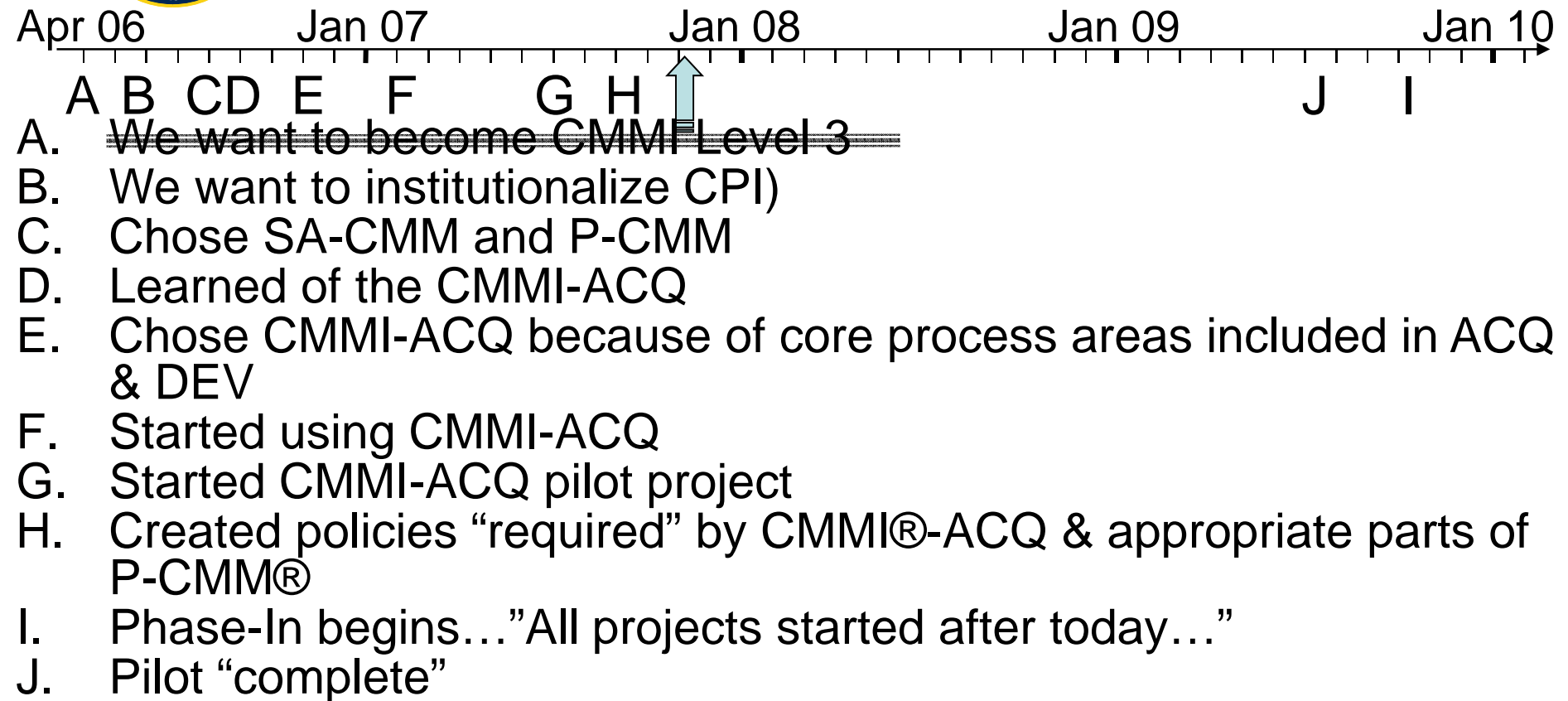
Plan



By 2012, ALL projects will be *operating at CMMI Level 5* & we'll be figuring out what Level 6 looks like



How We Chose CMMI®-ACQ **1 Yr Later**



By 2014, ALL projects will be *operating at* CMMI-ACQ Level 5 & we’ll be figuring out what Level 6 looks like.



Results so far

Positives:

- First full year of this CPI effort saw a measured 27:1 ROI
- There is grass roots interest
- Other CPI efforts can add synergy
- Many processes and policies approved by PIT
- Effort raised to higher office

Negatives:

- Personnel turnovers always set us back
- Meager resources
- Competition with other CPI efforts (such as Lean Six Sigma)
- Not-invented-here syndrome
- Hard to get best people on the PIT
- Effort raised to higher office



Impact on suppliers/vendors/contractors

We will not:

- Do business as usual
- Say, "You must be Level X by (date)"
- Mandate any specific CPI paradigm
- Be vague about requirements
- Manage by seat of our pants
- Fix retroactively

We will:

- *Ensure* best value
- Say, "Show me your CPI plan *and progress*"
- Require *some* CPI paradigm but encourage CMMI®-DEV & P-CMM®
- Give me a WBS w/ costs for each item
- Manage via EVMS
- Start w/ new contracts



Contact

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