TARGET MANAGEMENT INITIATIVE

OSD, Director of Operational Test and Evaluation (DOT&E) TMI Status Update

James Maybury - DOT&E TMI Support

"Moving Forward: Next Gen Targets"

48th Annual NDIA
Targets, UAVs &
Range Operations Symposium
New Orleans, LA
October 19-21, 2010

Outline

- Org Chart within DOT&E
- Supporting DOT&E's Mission
- The Target Management Initiative
- Submitting Proposals
- FY10 Recap
- FY11 Program
- FY12 Focus Areas

DOT&E's Target Resources Staff:

- Dennis Mischel: TMI Program Manager / Targets Lead
- Pat Burris: 5th Gen. FSAT Project Manager / Aerial Targets
- James Maybury: Target Control Systems / C^2 Interfaces
- Josh Messner: TMI Execution Manager / Mobile Ground Targets

Org Chart within DOT&E
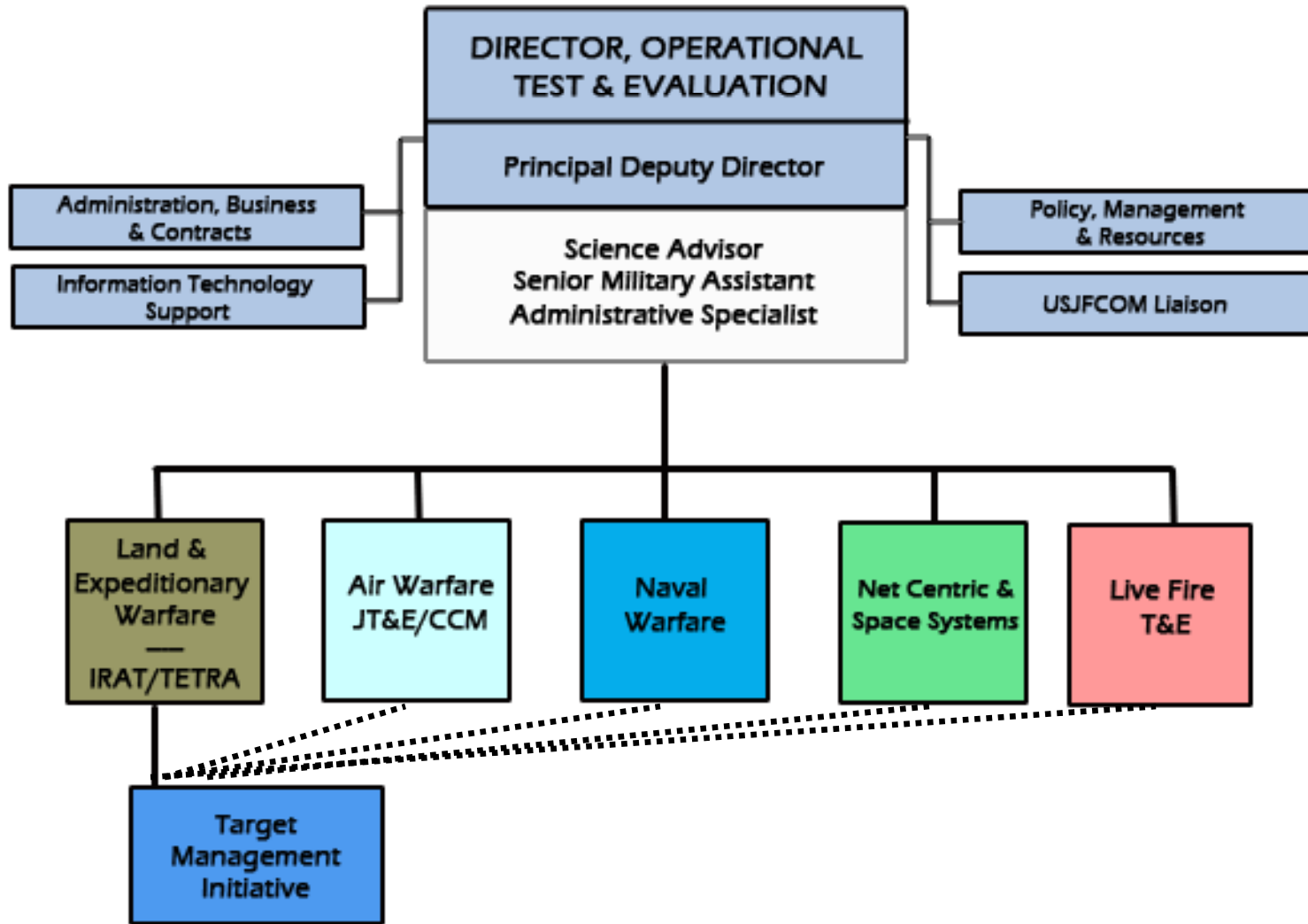
Supporting DOT&E's Mission

"The Director, Operational Test & Evaluation (DOT&E) … making **budgetary and financial recommendations to the SecDef regarding OT&E**; and **oversight to ensure OT&E for major DoD acquisition programs is adequate to confirm operational effectiveness and suitability of the defense system in combat use.**"

Targets Staff supports DOT&E by:

- Annual monitoring of Services targets budgets for potential impacts to OT&E

- Making investments that:
  - Help to ensure Targets are Threat Representative and Cost Effective
  - Help promote interoperability between Services and Ranges
  - Help to ensure Target Systems (C^2, Scoring, Launch) are adequate to support Testing

The Target Management Initiative

Objective

- Improve threat realism, increase interoperability, and reduce test costs.

Projects

- TMI projects include ***studies, standards developments, target system prototypes, and proof of concept demonstrations***.

Selection

- Supported by Target Investment Working Group (TIWG)
- Criteria Include: Importance to Operational Testing, Improvement to the Threat Realism, Benefit vs. Cost, Multi-Program Applicability, Potential for Successful Execution
- DOT&E Deputies are briefed on prioritized project list

Execution

- Projects are typically 1-3 years in length
- $50K Studies to $3M Prototypes
- Project Execution is Managed by the Services
- Minimum deliverables include: Monthly reporting, Bi-annual briefings, Final Report

Prime consideration is given to projects that address Operational Testing (OT) requirements and DOT&E resource concerns.

Notional Upcoming Dates

- **Week of 1 Nov** – Release Call for Proposals & FY12 Focus Areas

  - Initial proposal format will be a 1-2 page white paper

- **Week of 6 Dec** – White paper proposals due

- **Week of 20 Dec** – TMI response to white papers released and detailed proposals requested.

- **Week of 24 Jan** – Detailed proposals due.

- **Week of 1 Feb** – TMI response to proposal authors released.

- **Late February** – New Start Reviews

Project Selection Timeline

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Focus Area          →    Proposals      →    Receive        →    Proposal
Development               Requested           Proposals           Reviews w/
                                                                   TIWG

Oct - Nov 10             Nov - Dec 10        Dec 10              Feb 11
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CTEIP          ←    DOT&E          ←    DOT&E          ←    Internal
Projects            Leadership          Prioritization      DOT&E
to TRMC             Concurs                                 Coordination

May - Jun 11        Apr - May 11        Mar 11              Feb-Mar 11
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Approved       →    Project        →    Funds          →    Project
Projects are        Documentation       Released            Execution
Notified            Requested                               Reviews

May - Jun 11        Aug 11              Oct – Dec 11        Mar / Sep 12
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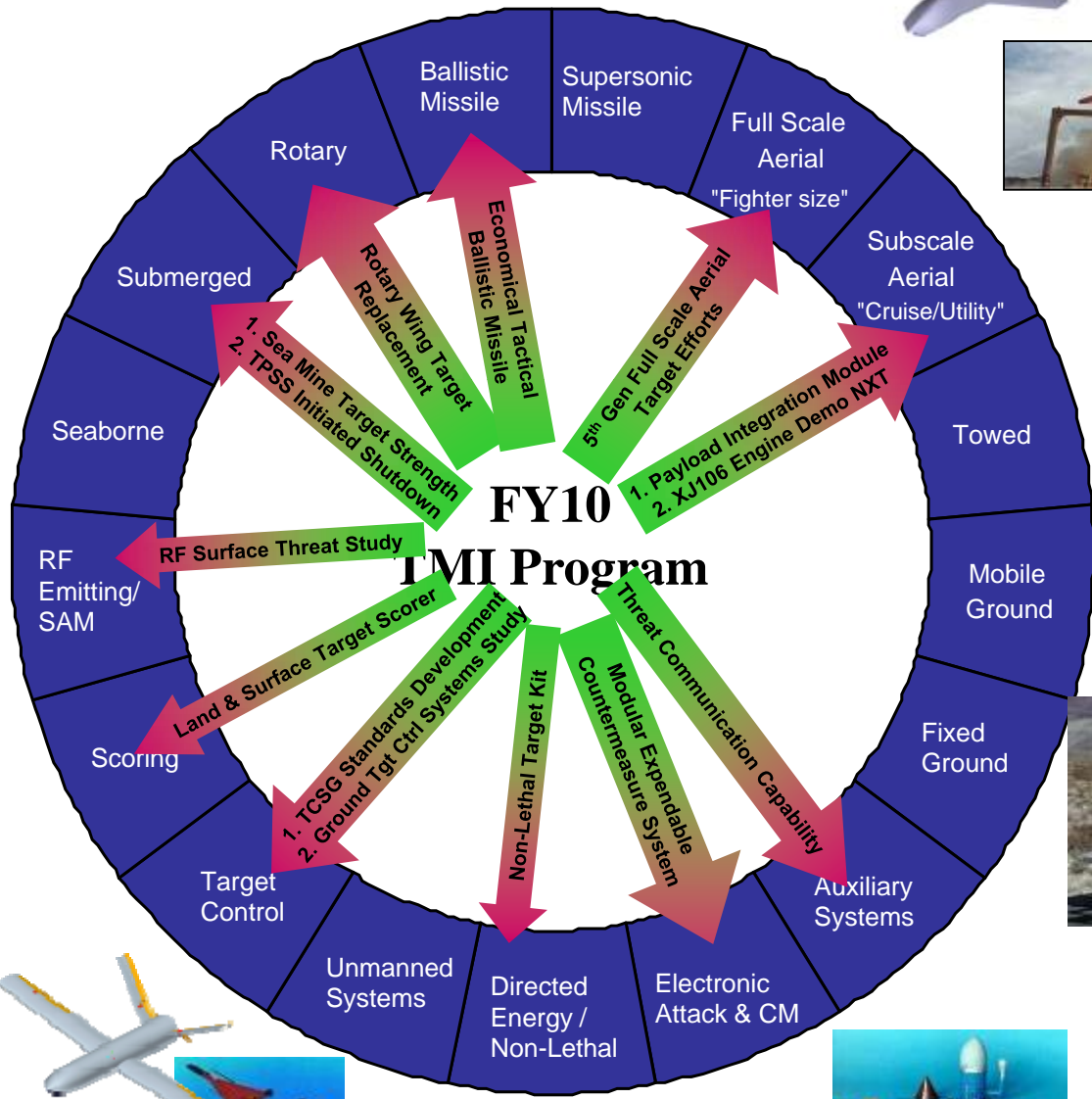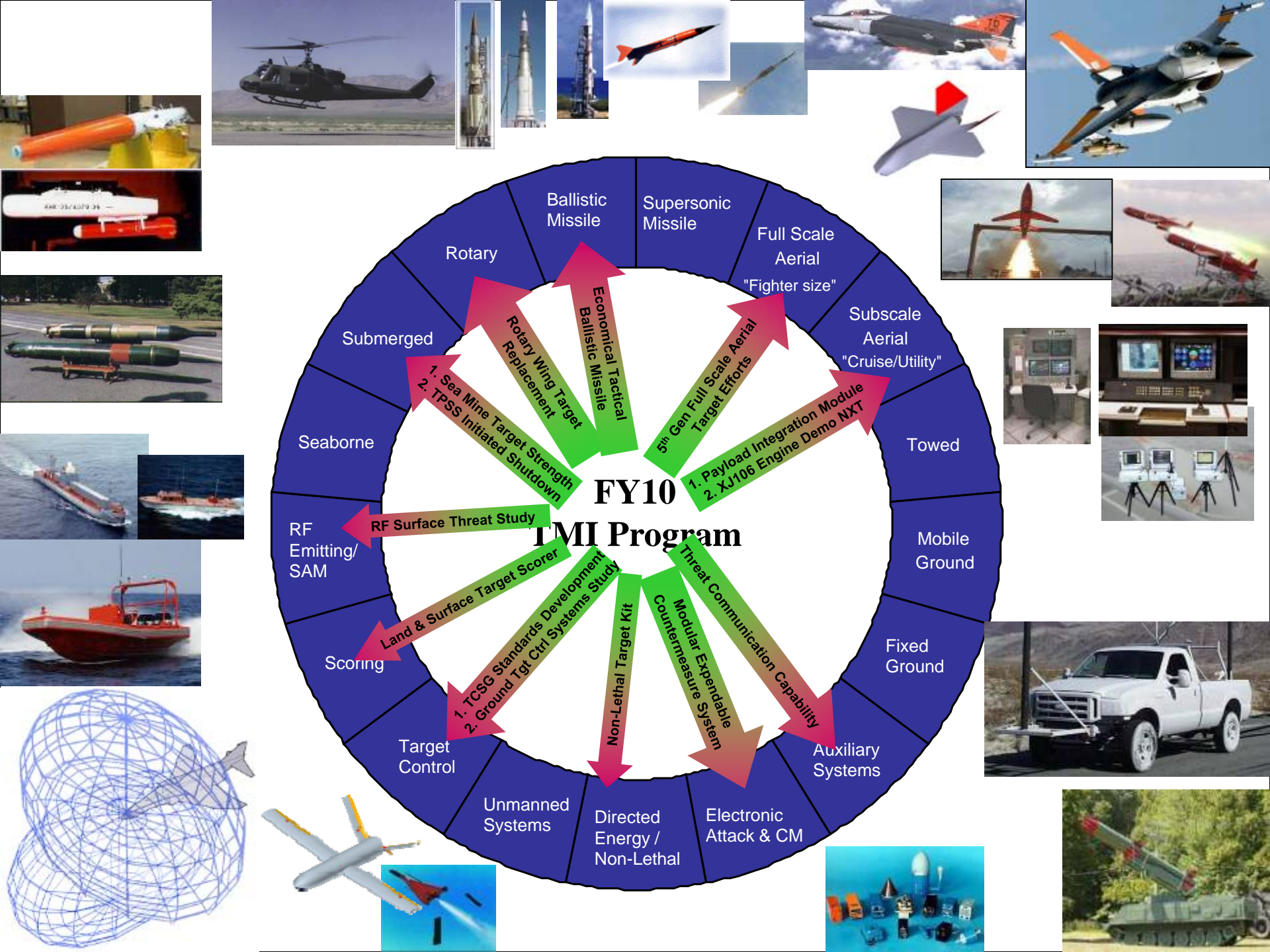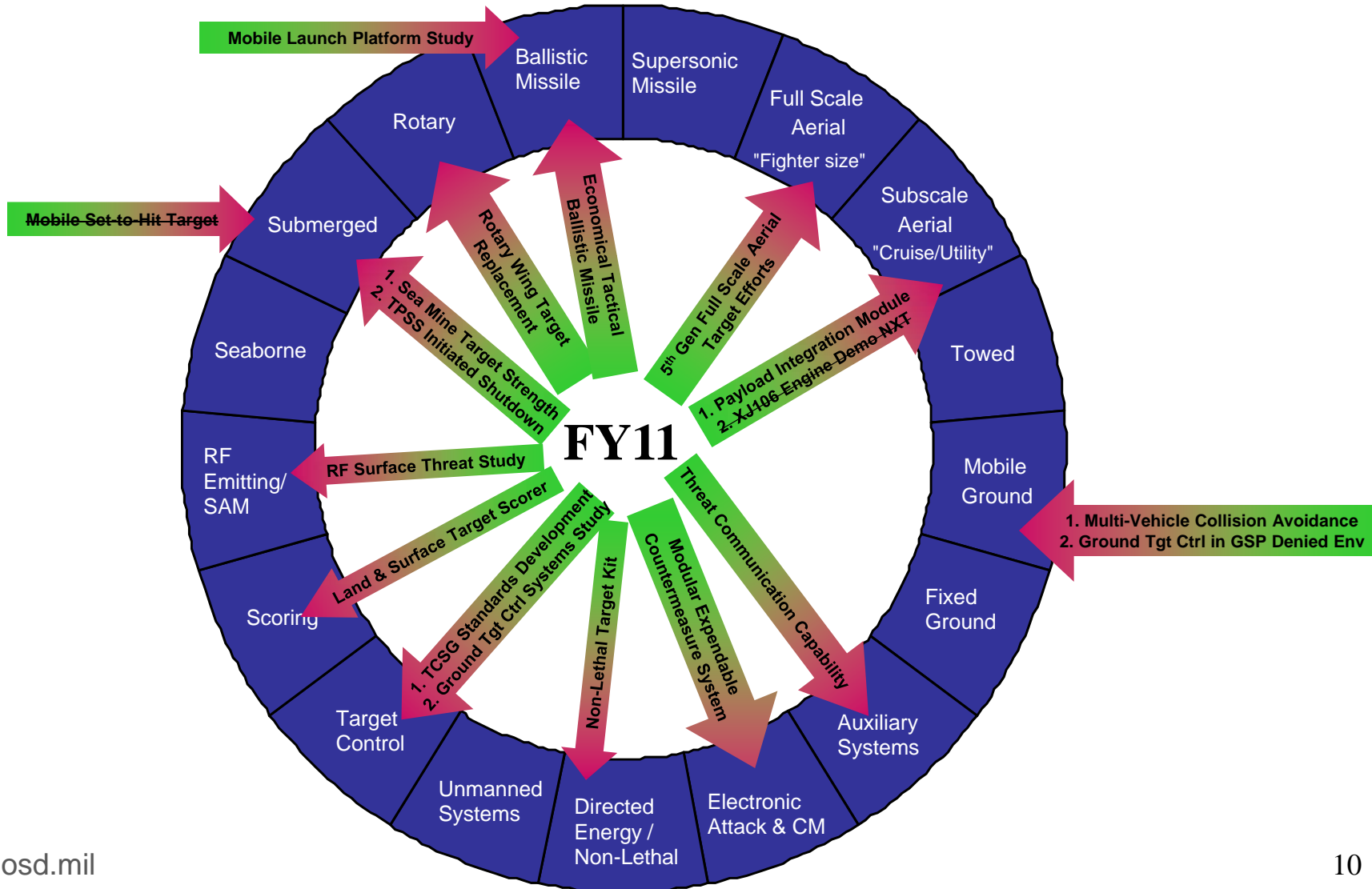
Submitting Proposals

- Project proposals may be submitted via the TMI website: www.tmi.osd.mil

- We recommend industry and academia work with Service partners when submitting proposals.

- Please follow-up submittals with a call to 703-681-5502

FY10 TMI Program

Outer ring (clockwise from top):
- Ballistic Missile
- Supersonic Missile
- Full Scale Aerial "Fighter size"
- Subscale Aerial "Cruise/Utility"
- Towed
- Mobile Ground
- Fixed Ground
- Auxiliary Systems
- Electronic Attack & CM
- Directed Energy / Non-Lethal
- Unmanned Systems
- Target Control
- Scoring
- RF Emitting/ SAM
- Seaborne
- Submerged
- Rotary

Arrows (clockwise):
- Economical Tactical Ballistic Missile
- 5th Gen Full Scale Aerial Target Efforts
- 1. Payload Integration Module 2. XJ106 Engine Demo NXT
- Threat Communication Capability
- Modular Expendable Countermeasure System
- Non-Lethal Target Kit
- 1. TCSG Standards Development 2. Ground Tgt Ctrl Systems Study
- Land & Surface Target Scorer
- RF Surface Threat Study
- 1. Sea Mine Target Strength 2. TPSS Initiated Shutdown
- Rotary Wing Target Replacement

FY12 TMI Focus Areas

- In the process of developing
- For reference, the FY11-FY08 focus areas are on the TMI website
- Additional references:
  - The DoD Strategic Plan for T&E Resources (TRMC)
  - Service target resource needs (citing any references or documents will strengthen a proposal)
  - The DOT&E Annual Report "T&E Resources Appendix"

Thanks!

www.tmi.osd.mil