



Beyond SBIR Phase II: Bringing Technological Edge to the Warfighter

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& Special Mission Programs (PEO(A))**

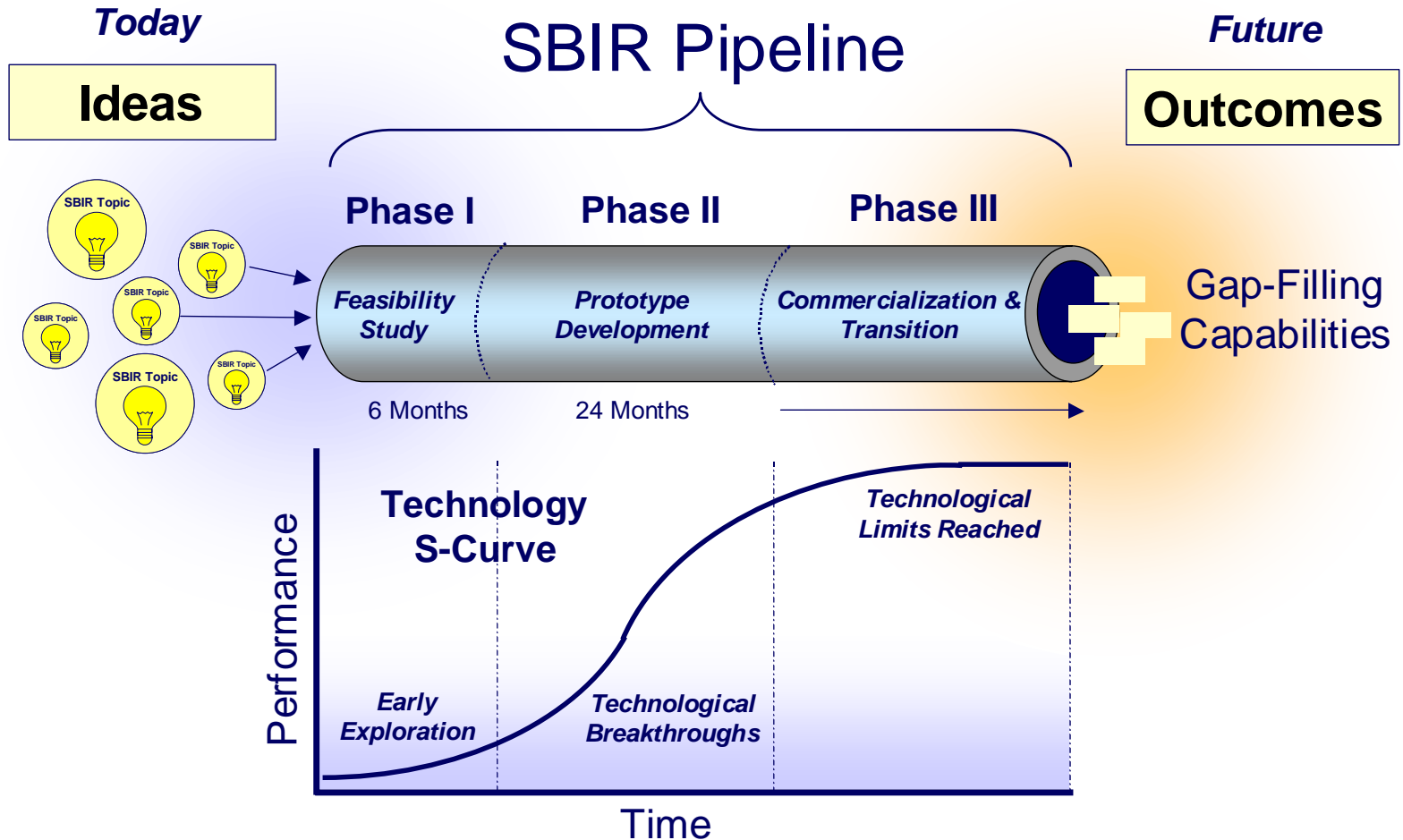
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PEO(A) Organizational Structure

- Program Executive Office, Air ASW, Assault and Special Mission Programs
- Consists of 10 Program Offices
 - PMA 257 – AV-8B
 - PMA 261 – MH-53
 - PMA 264 – ASW/Sonobuoys
 - PMA 271 – E-6B
 - PMA 273 – T-45TS, JPATS T-6, Legacy Trainers
 - PMA 274 – VH-71 A (Presidential Helo), VH-60N/VH-3D
 - PMA 275 – MV-22, CV-22 (Osprey)
 - PMA 276 – AH-1 W/Z, UH-1 N/Y, HH-1N
 - PMA 290 – P-3/S-3, P-8A (MMA), EP-3/ES-3
 - PMA 299 – MH-60R, SH-60B/F, HH-60H

PEO(A) Comprises 40% of the FY07 NAVAIR SBIR Budget, Investing over \$50M in the SBIR Program

SBIR “Pipeline”



Assured Transition from “Innovative Ideas” to “High Impact Outcomes” Requires Early Focus and Alignment towards “Filling Defined Future Capability Gaps”

SBIR Topic Generation

Defining Technology Needs

- **Future Capability Roadmap**
 - Alignment
 - Mission Needs
 - Mission Area Gaps
- **Timeline**
 - 3-5 years
 - Next POM/PR cycle
 - Current POR
- **Topic**
 - Prime/Subs
 - PMA teams
 - Operational & OPNAV

PEO(A) Topics: Capability, Time, & Teams

SBIR Timeline, Innovation, & Risk Reduction

- **Topics**
 - Alignment
 - Time Window
 - Buy-in
- **Innovation**
 - TRL Transition
 - Mature TRL transfer
 - Integrating existing capability
- **Risk Reduction**
 - Risk Management
 - Issue Management
 - Opportunity Management

Innovation & Risk Reduction part of Topic Generation

SBIR “SUCCESS”

- **Success: Meeting Future Capabilities in Timely Manner**
- **Examples of PEO(A) Topics that had money placed on a Phase III contract:**
 - **N04-022, “Airborne and Air-Deployable Multi-Sensor Search Optimization”, Planning Systems, Inc.**
 - **N03-188, “Innovative High Energy Density Capacitors for Navy Applications”, Phoenix Science & Technology**
 - **N02-162, “Innovative Erosion Resistant Coatings Materials/Concepts for Leading Edges on Composite Rotor Blades”, Hontek Corporation**
 - **N01-165, “Corrosion/Erosion Resistant Coatings for Turbine Compression Systems”, America’s Phenix, Inc.**
 - **N01-019, “Advanced Shipboard Landing Aerodynamic Interference Software Modules”, Advanced Rotorcraft Technology, Inc.**
 - **N01-010, “Large Format Resistive Emitter Array (LFRA) for Infrared Scene Projectors (IRSP)”, Indigo Systems Corp.**

PEO(A) focus is on selecting the right topics to improve transition rate