



Department of the Navy Gold Coast <u>2017</u>

22 August 2017

Presented by:

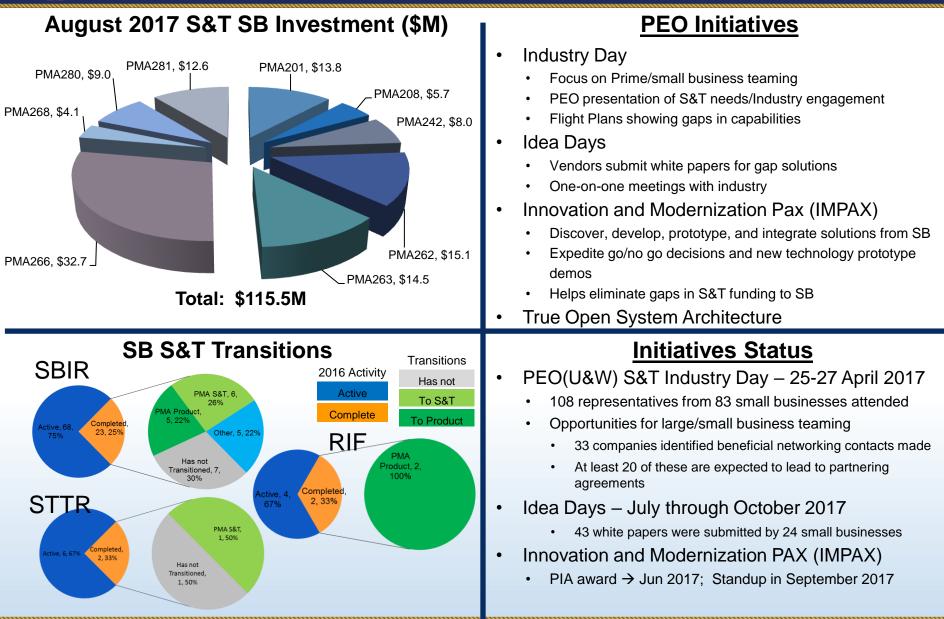
Mike Williamson DPEO(U&W) Advanced Technology

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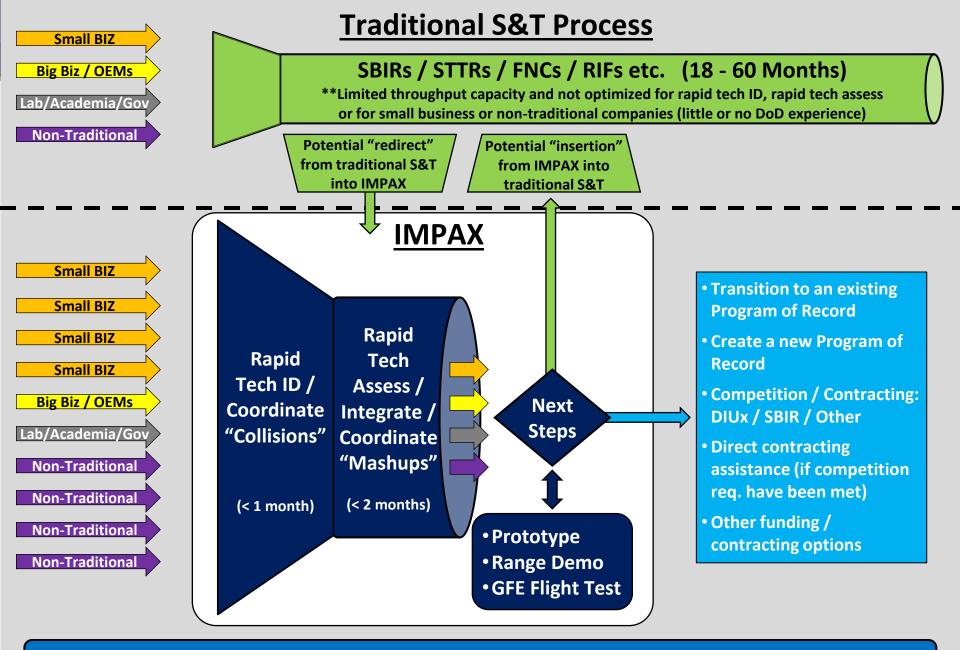


AND A REAL PROPERTY CONTRACTOR

PEO Small Business S&T







Increased throughput, increased participation and faster "Go / No Go" decisions

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3



UAS

Technology Needs

Overarching Needs

Cyber Security

Data Management / Data Fusion

Open Architectures / Modularity

Assured navigation and communications in Denied environments

Non-GPS precision navigation and geolocation for maritime domain

Collaborative Operations

Additive Manufacturing

Power

Weapons

Autonomy

Increased airborne time

High bandwidth/low profile/drag, Beyond Line of Sight (BLOS) communications

Multi-vehicle, multi-sensor planning and control

Reducing bandwidth and/or operator workload by converting sensor data into actionable information

Sensors for UAS to detect and avoid non-cooperative airborne Multi-mission capability

Net-enabled / Interoperable

Seeker capabilities in day/night, all weather environments

Expanded engagement envelope Speed / Range – ENERGETICS

Insensitive munitions improvements

Alternative weapons (e.g. directed energy) for airborne applications

Modular Weapons

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- S&T Venues
 - FedBizOPs <u>www.fbo.gov</u>
 - Defense Innovation Marketplace <u>www.defenseinnovationmarketplace.mil</u>
- PEO(U&W) Industry Day
 - Next April 2018
 - Sign up for one-on-ones with other industry and government
- PEO(U&W) Idea Days
 - Submit a white paper with your solution to our gaps
- IMPAX
 - IMPAX website \rightarrow coming soon
 - Join the IMPAX Network

NAV

5



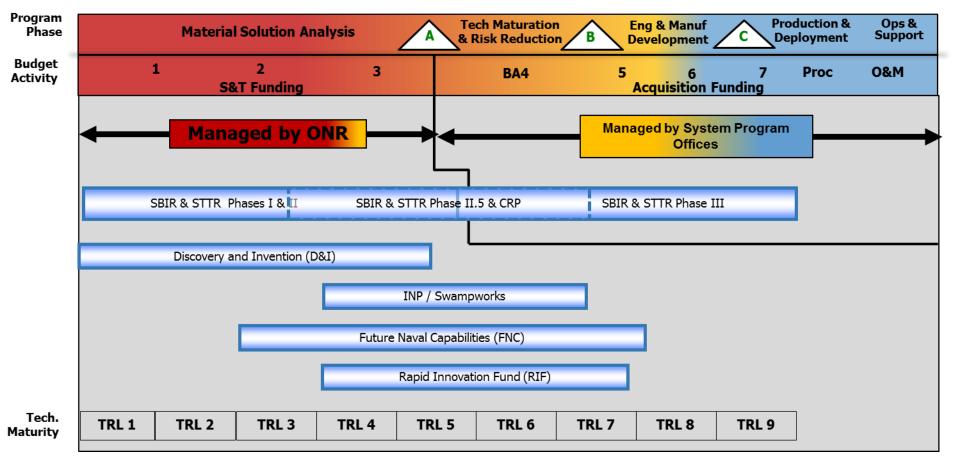


BACKUPS

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Technology Development and Maturation



- BA4
 - Managed by the Program Office
 - Used for Technology Maturation & Risk Reduction
 - Used for efforts prior to Milestone B
 - Brings technologies to TRL level 6 or 7 (SBIR Phase III and matching funds for SBIR Phase II.5)
 - Taxed for SBIR/STTR program (currently 3.2%)

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