FACT SHEET

Director, Undersea Technology

ADVANCED SUBMARINE SYSTEMS DEVELOPMENT

Our mission is to Bridge S&T and R&D through testing, demonstration and validation of innovative and promising technologies to provide undersea capabilities that are safer, stealthier, and lower cost. Our major focus is on transitioning technologies to help the Fleet maintain Undersea Superiority.

PROGRAM AREAS

Sustain Vital Submarine Stealth R&D Capabilities

Improve Payloads and Sensor Capabilities

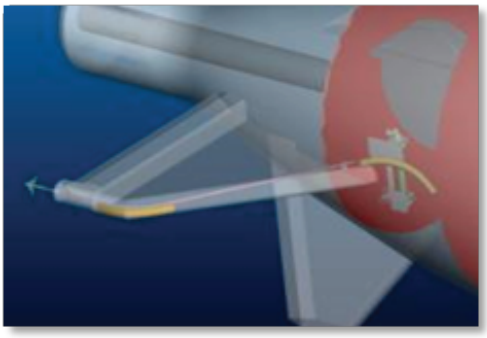
Demonstrate & Validate Innovative Technology Concepts

PROGRAM PILLARS

Enterprise R&D Infrastructure
- Large Scale Vehicle (LSV)
- LSV Recapitalization
- Intermediate Scale Measurement System (ISMS)
- New Technology Assessment
- Submarine Signature Management
- Advanced Hull Coatings

Rapid Prototyping
- Advanced Weapons Enhanced by Submarine Launched UAVs Against Mobile Targets (AWESUM)
- Li-Ion Battery Certification
- ISR/EW Payloads
- Submarine Launch Decoy (SLD)
- Fleet Modular Autonomous Unmanned Vehicle (FMAUV)
- Rapid Prototype Experimentation and Demonstration (RPED)
- Undersea Rapid Capability Initiative (URCI)

Long Range R&D Investment
- Advanced Hull Treatments
- SSN/SSGN Survivability Program (S3P)
- Corrosion Control
- Towed Array Reliability
- Advanced Submarine Control
- Advanced Material Propeller (AMP)
- Next Generation Attack Submarine- SSN(X)



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