



NAVAIR PROGRAMS (AIR-1.0)

PRESENTATION TO:

NAVAIR Small Business Aviation Technology Conference

MS STEFFANIE EASTER
ASSISTANT COMANDER FOR ACQUISITION
(AIR-1.0)
8 NOV 2007

A gold-colored emblem of a winged pilot, a symbol of the United States Air Force, positioned behind the text.

NAVAIR Public Release 711

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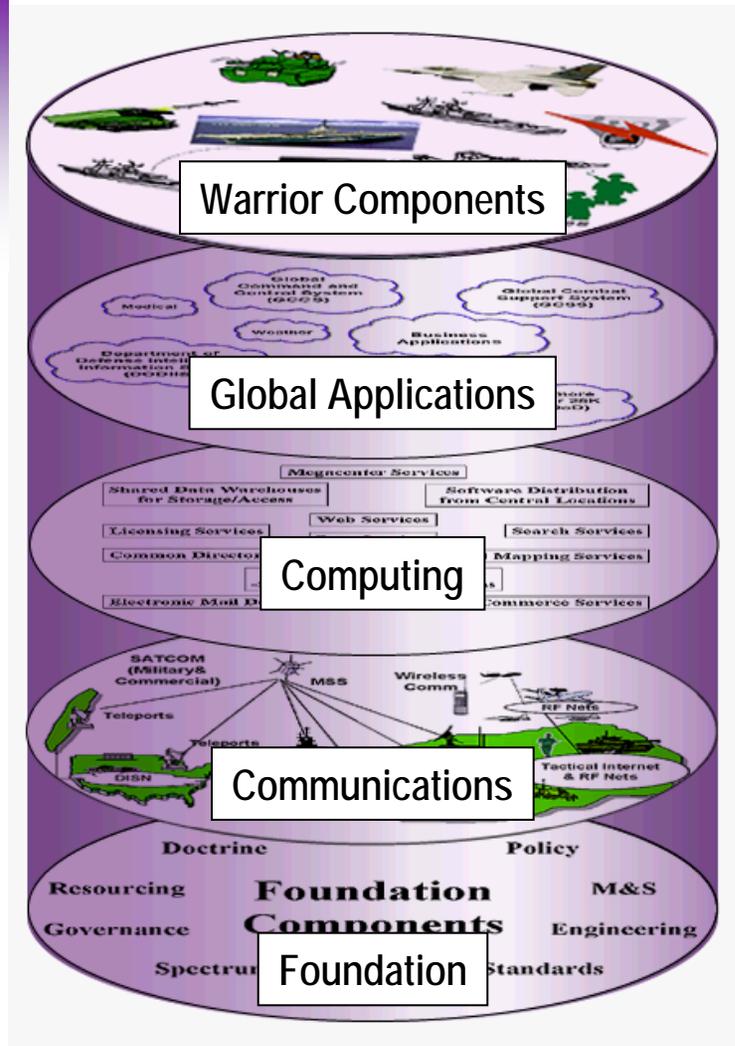
BRIEF OUTLINE

- AIR-1.0 ORGANIZATION
- PROGRAMS – ACQUISITION PHASES
- ROADMAPS
- OPPORTUNITIES
- Q & A

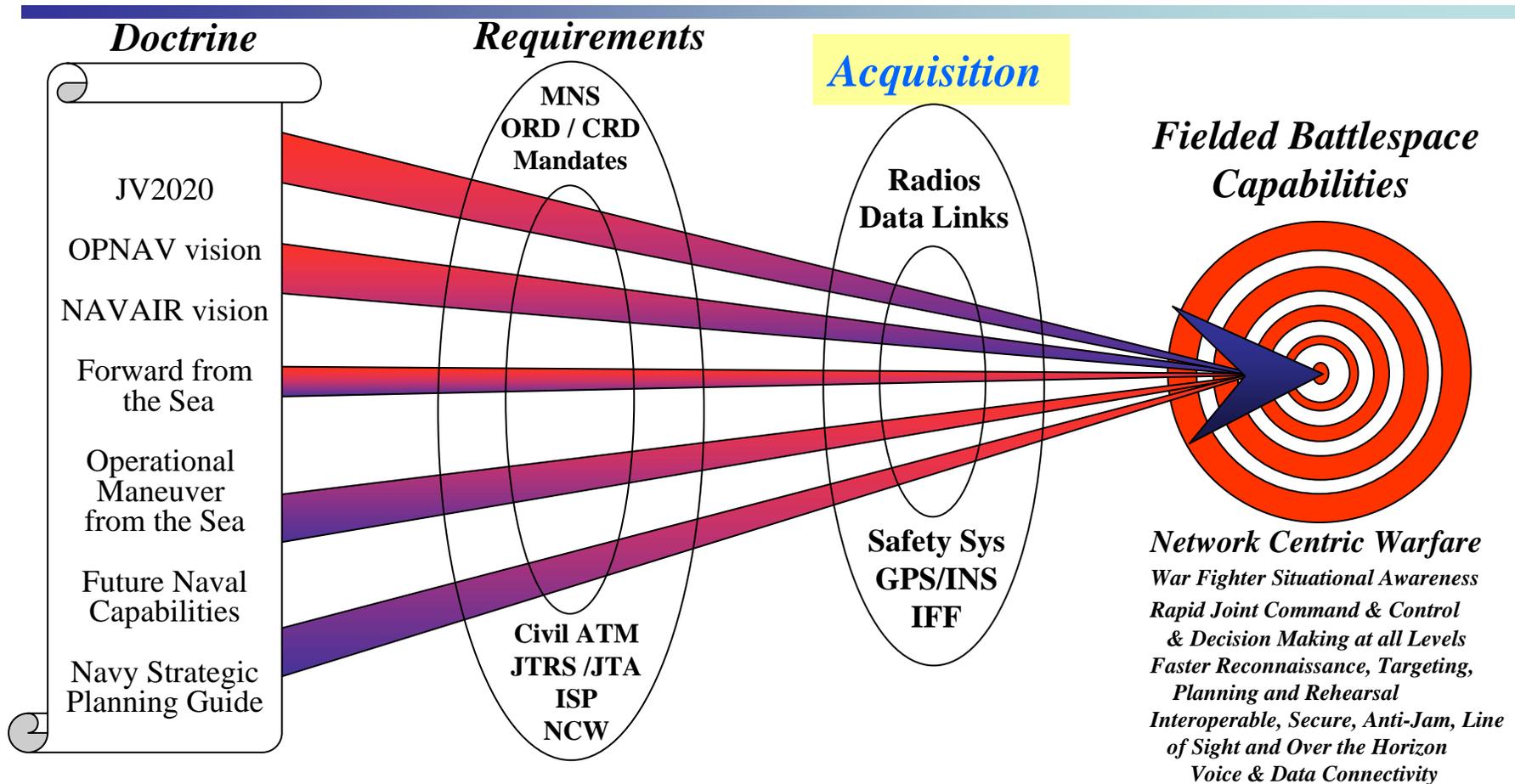
Global Information Grid... Vision

Globally Enabling Warfighter & Support Services

- Computer Consolidation
- Network Consolidation
- Information Assurance
- Interoperability

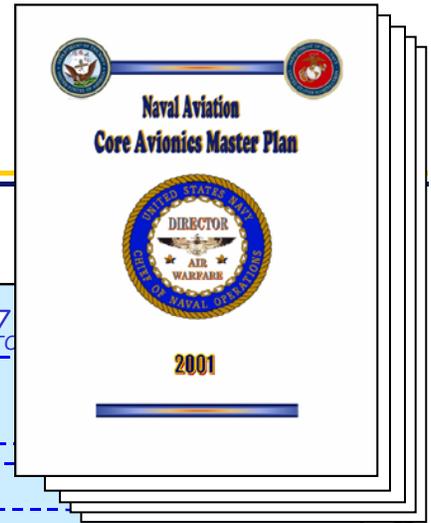


FROM DOCTRINE TO BATTLESPACE CAPABILITIES

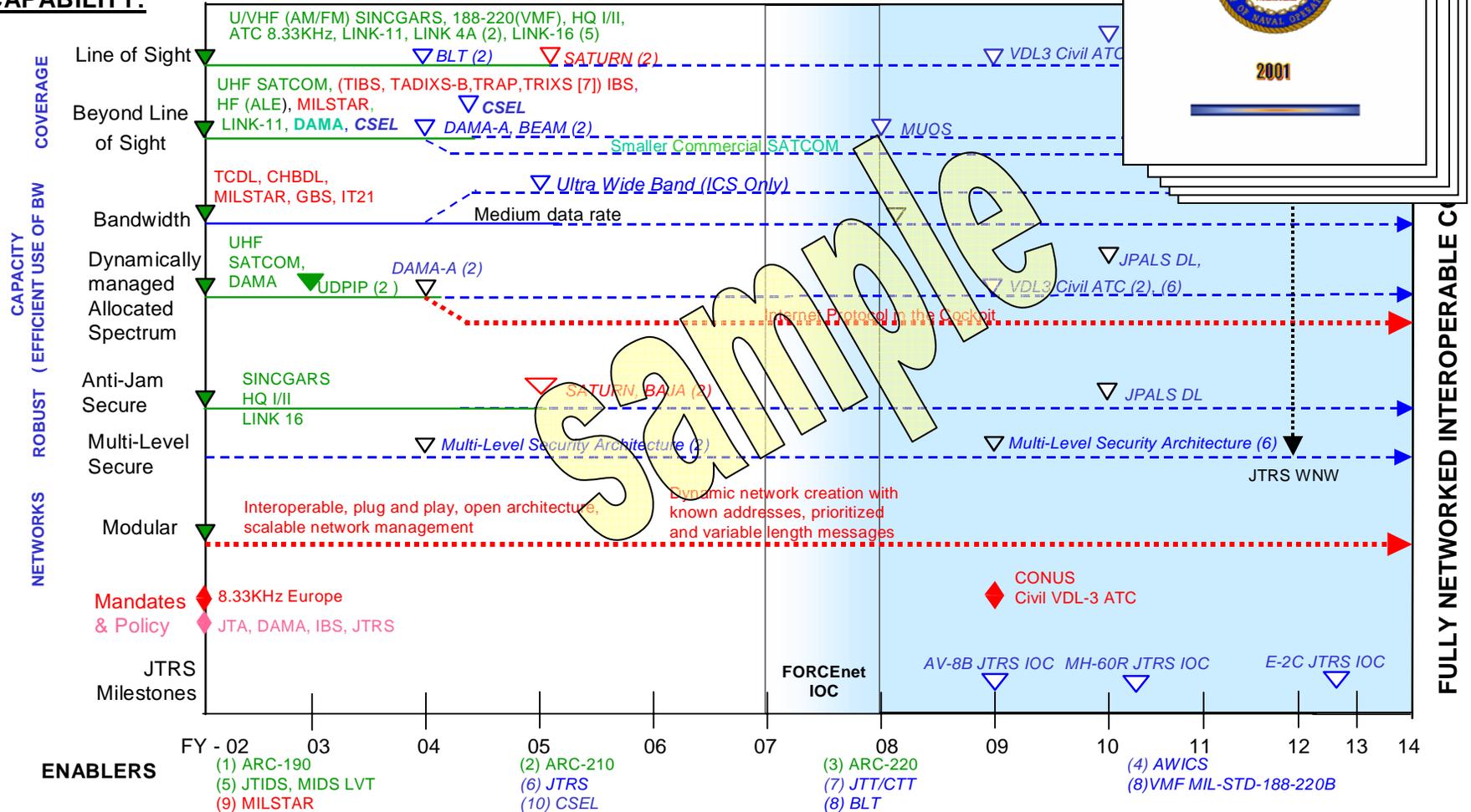


Communications & Data Links

ROADMAPS



CAPABILITY:

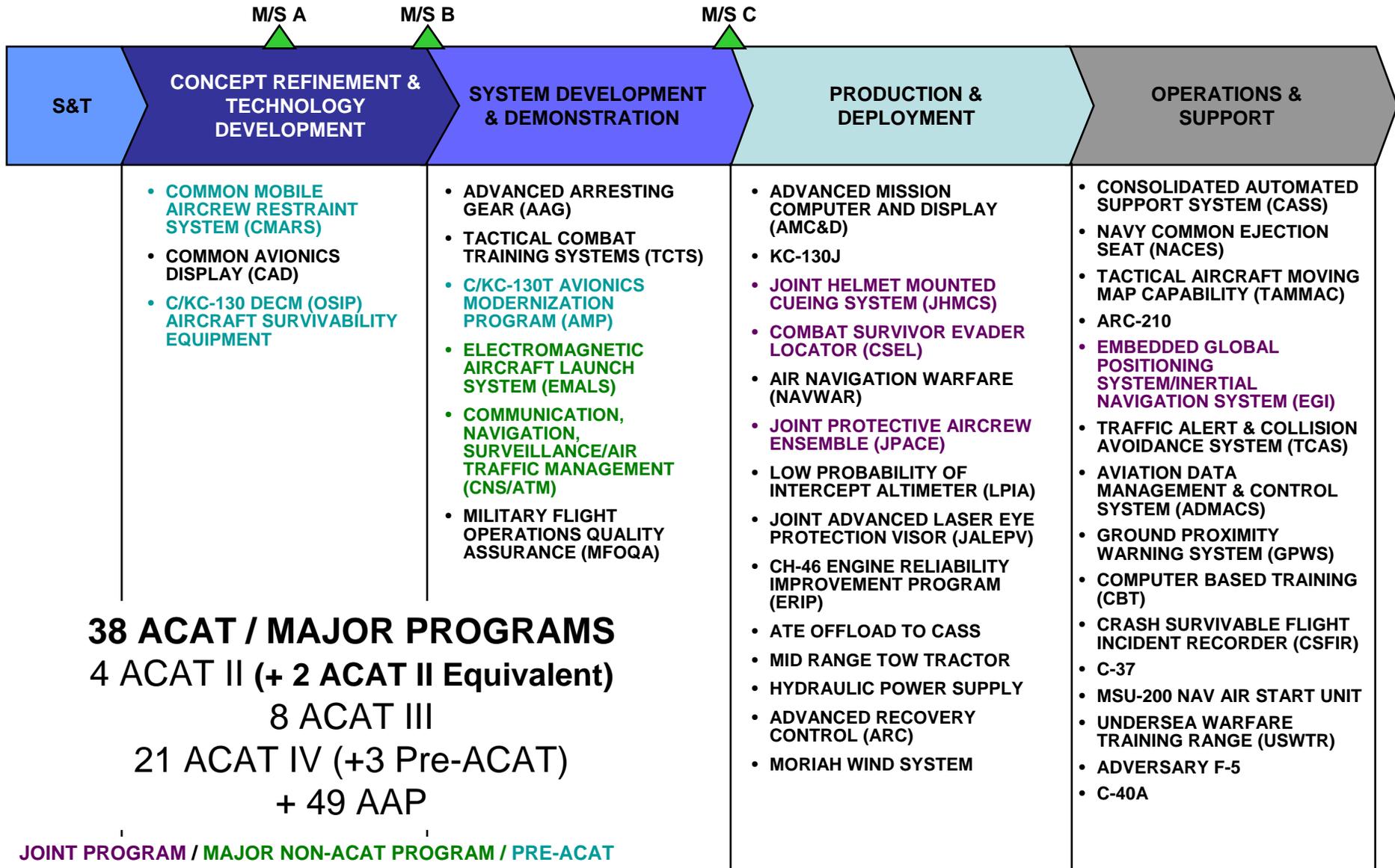


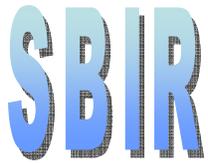
ENABLERS

Software Solutions may be hosted in any of several enablers (I.e., TAWS can be hosted in AMC&D, TAMMAC)

Current Activity	Planned Activity	Capability Gap	Mandates
Available & on A/C	Planned IOC	Unfunded Requirement	

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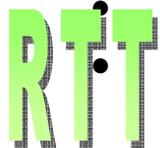


The logo for Small Business Innovation Research (SBIR) in blue, stylized, block letters.

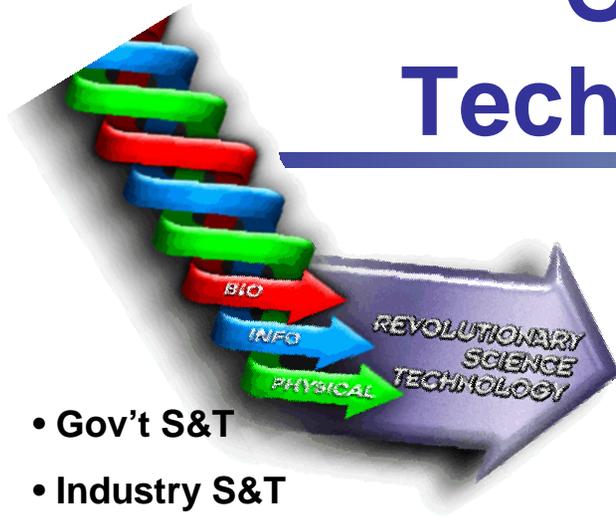
OPPORTUNITIES Technology Areas

The logo for Air Traffic Radar Board (ATRB) in yellow and orange, stylized, block letters.

- Deployable Intelligent Projection Systems for Training
- High Performance/Reliability Display Backlighting
- Improved Catapult Performance Monitoring Through Advanced Cylinder Elongation Measurement Techniques
- Advanced Automatic Test System (ATS) Application Development Environment
- Real Time Modeling of Rotor Induced Flow with Shipboard Interactions
- Ultra Reliable Input Entry Devices and Sensors.
- Autonomous Aircraft Securing
- Alternative/Replacement Wire Stripper
- 3-D Control Panel Simulation
- Advanced Aircraft Simulator Flight Fidelity Evaluation Measures
- Accelerated Assimilation of Flight Deck Wind, Pitch, Weather & Roll Limitations
- Dynamic Color Ratio Infrared Simulator Source
- Infrared Simulator (IR) Closed-Loop Monitoring System
- Streamlined Management Methods for Advanced Custom Hearing Protection Equipment

The logo for MANTeCH in blue and purple, stylized, block letters.The logo for Real Time Training (RTT) in green, stylized, block letters.

OPPORTUNITIES Technology - All Phases

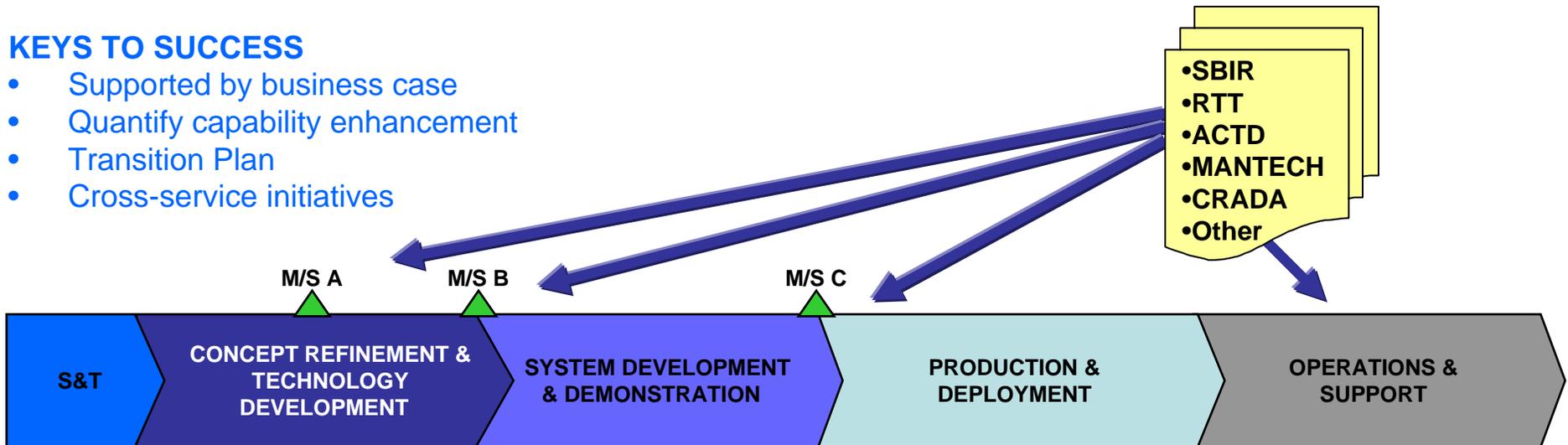


- Gov't S&T
- Industry S&T
- Academia S&T



KEYS TO SUCCESS

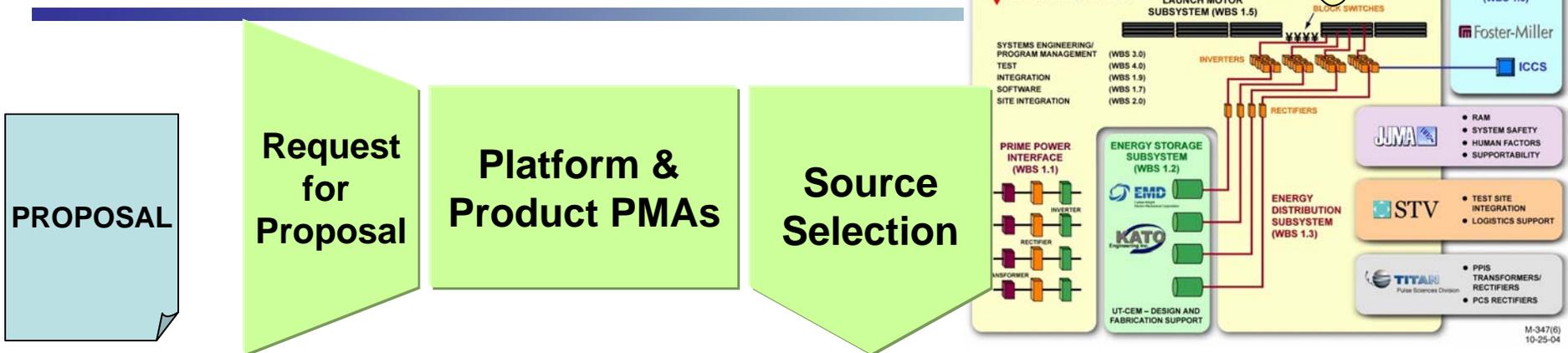
- Supported by business case
- Quantify capability enhancement
- Transition Plan
- Cross-service initiatives



OPPORTUNITIES

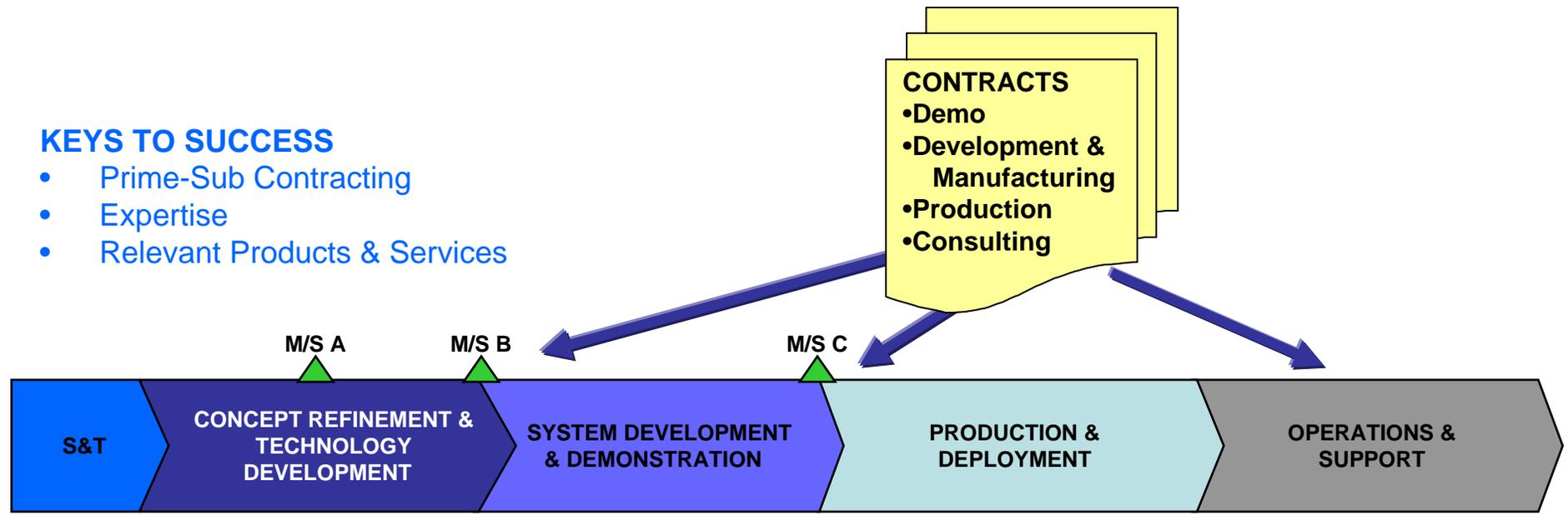
Development & Manufacture

Sample



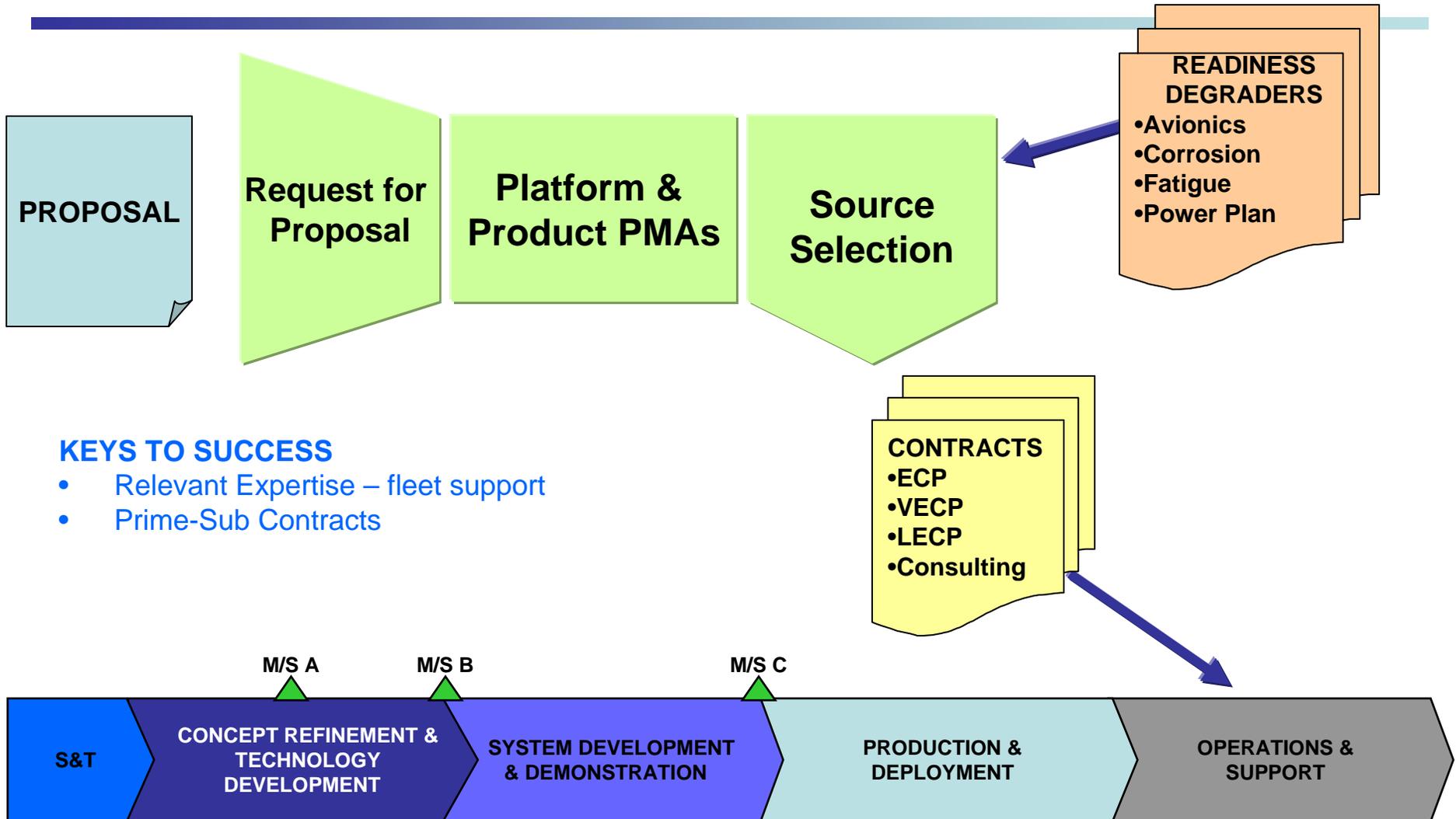
KEYS TO SUCCESS

- Prime-Sub Contracting
- Expertise
- Relevant Products & Services



OPPORTUNITIES

Operations & Support



KEYS TO SUCCESS

- Relevant Expertise – fleet support
- Prime-Sub Contracts

COMMUNICATION WITH AIR-1.0 PROGRAMS

- Forums
 - SBIR
 - ATRB
 - CONFERENCES
 - MARKET SURVEYS
- NAVAIR Small Business Office

Q & A

BACKUP

AIR-1.0 PROGRAM MANAGEMENT COMPETENCY

ACQUISITION POLICY & PROCESSES

- INTERPRETATION
- PROMULGATION
- IMPLEMENTATION

AVIATION/
SHIP INTEGRATION
SYSTEM REQUIREMENTS
POLICY & PROCESSES
INTERFACE COORDINATION

INTERNATIONAL PROGRAMS

- POLICY, PROCESSES, & TRNG
- CASE MGMT & ADMIN
- INTERNATIONAL CO-OP

ACQUISITION WORKFORCE MGMT

- PROGRAM STAFFING
- SKILLS DEVELOPMENT
- WORKFORCE SHAPING (PM)

ENVIRONMENTAL PROGRAMS

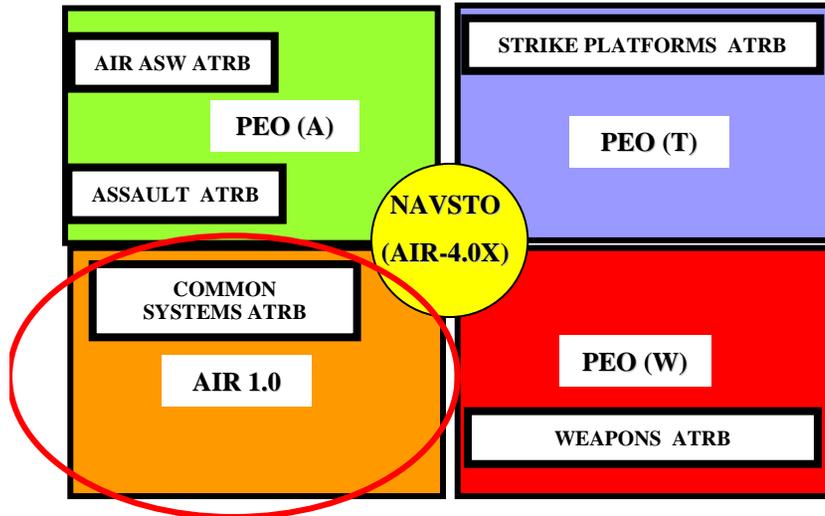
- REQMTS & COMPLIANCE
- POLICY, GUIDANCE, TOOLS
- QUALITY CONTROL

*“AIR-1.0 COMPETENCY
EXPERTISE
CUTS ACROSS ALL ASPECTS
OF NAVAL AVIATION”*



AIR-1.0 ATRB PARTICIPATION

FOUR ADVANCED TECHNOLOGY REVIEW BOARDS (ATR)



COMMON SYSTEMS ADVANCED TECHNOLOGY REVIEW BOARD (CSATR)

- PMA202 AND PMA209 FOCUS
- AVAILABLE TO OTHER AIR-1.0 PMAS
- SIGNIFICANT FACTOR IN STABILIZING S&T FUNDING
- ATR TOPIC SOURCES INCLUDE SBIR, IRAD, ATD, ACTD/JCTD, ETC.
- TIMELINE: PMA TECHNOLOGY NEEDS UPDATE MARCH; TOPIC DATA CALL APRIL-MAY; TECHNOLOGY BRIEFINGS JULY; AIR-1.0 RATINGS (SUPPORT, ENDORSE,...) AUGUST

COMMON SYSTEMS ATRB INTEREST

- AVIONICS DATA (DATA, VOICE, VIDEO) STORAGE
- PREDICTIVE, OBSOLESCENCE ANALYSIS TOOLS
- INERTIAL NAVIGATION SYSTEMS/COMPONENTS
- ADVANCEMENTS IN AIRCRAFT AVIONICS DISPLAYS
- HIGH SPEED DATA AND IMAGERY TRANSFER CAPABILITY
- ENHANCED COOLING TECHNIQUES FOR AVIONICS
- OBSTACLE DETECTION SYSTEM CAPABILITY

ATR WEBSITE

- ACCESSIBLE TO PUBLIC
- CONTAINS SCHEDULES, MINUTES, ANNOUNCEMENTS, POCS, PMA ROADMAPS, ATRB TRANSITION SUCCESS STORIES, ETC. FOR ALL ATRBS
- URL: [HTTP://ATR.NAVAIR.NAVY.MIL](http://ATR.NAVAIR.NAVY.MIL)

NAVAIR ATRB TEAM

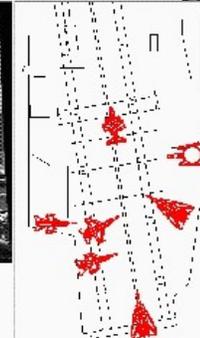
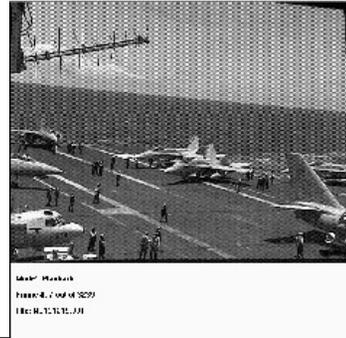
- COMMON SYSTEMS ATRB FACILITATOR: RICK LEIDIGH, PMA-209,

AIR-1.0 SBIR PARTICIPATION

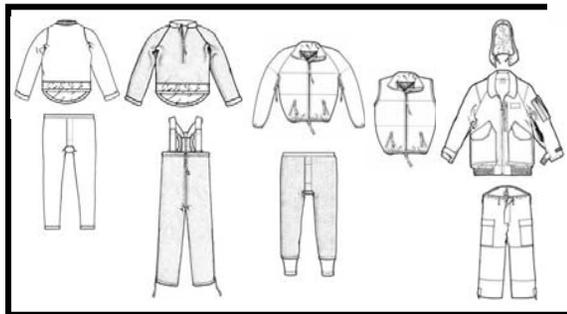
INTEGRATED LAUNCH AND RECOVERY TELEVISION SURVEILLANCE (ILARTS)



EMBARKED AIRCRAFT TRACKING SYSTEM



COMMON CRASH RESISTANT TROOP SEAT



PERSONAL SURVIVAL ENSEMBLE

VERTICAL FLIGHT DECK OPERATIONS TRAINER

