OBSOLESCENCE MANAGEMENT TEAM
2006 DOD DMSMS Conference

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V-22 Obsolescence Management
Team Lead
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Outline

➢ OMT Mission

➢ Management

➢ Planning

➢ Implementation

➢ Assessment

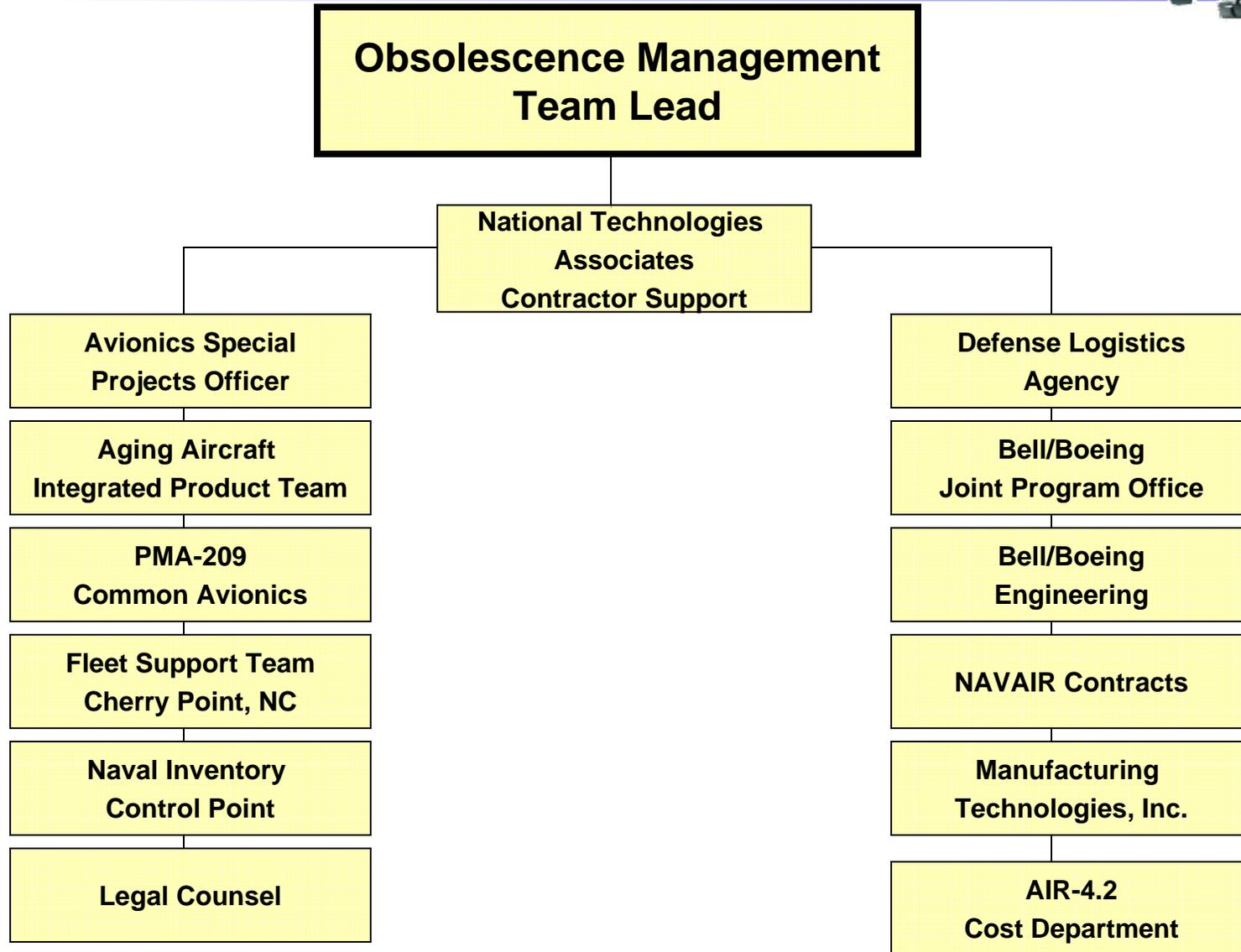➢ Metrics

➢ Summary

➢ Questions

Mission

The V-22 Obsolescence Management Team mission is to proactively manage and mitigate obsolescence problems in the V-22 weapon systems with the goal to increase operational capabilities, support Sustainment, reduce Total Ownership Cost (TOC), and reduce the effects of Diminishing Manufacturing Sources and Materiel Shortages (DMSMS) from conceptual design through retirement.

Management

Obsolescence Management Team Lead

National Technologies Associates Contractor Support

Avionics Special Projects Officer

Aging Aircraft Integrated Product Team

PMA-209 Common Avionics

Fleet Support Team Cherry Point, NC

Naval Inventory Control Point

Legal Counsel

Defense Logistics Agency

Bell/Boeing Joint Program Office

Bell/Boeing Engineering

NAVAIR Contracts

Manufacturing Technologies, Inc.

AIR-4.2 Cost Department

Planning

➢ Heavy administrative burdens

    ➢ Identify all stakeholders

    ➢ OMT Stand Up

    ➢ Create OMT Plan and Guide

    ➢ Establish and document all required processes to manage and mitigate obsolescence

        ➢ Budget

        ➢ Legal

        ➢ Cost (BCA)

        ➢ Contracts

➢ Iterative refinement based on lessons learned

Implementation

➢ Processes in place to proactively manage and mitigate obsolescence

    ➢ Auto-Generated Case Sheet

➢ Weekly / Bi-Weekly teleconferences

➢ Weekly / Bi-Weekly case sheet working side bars

➢ Quarterly / Semi Annual reviews

➢ Focus groups as required

        ➢ Osprey Support Network

        ➢ V-22 OMT/NRE/Cost Metrics

        ➢ Quantitative / Qualitative Spreadsheet
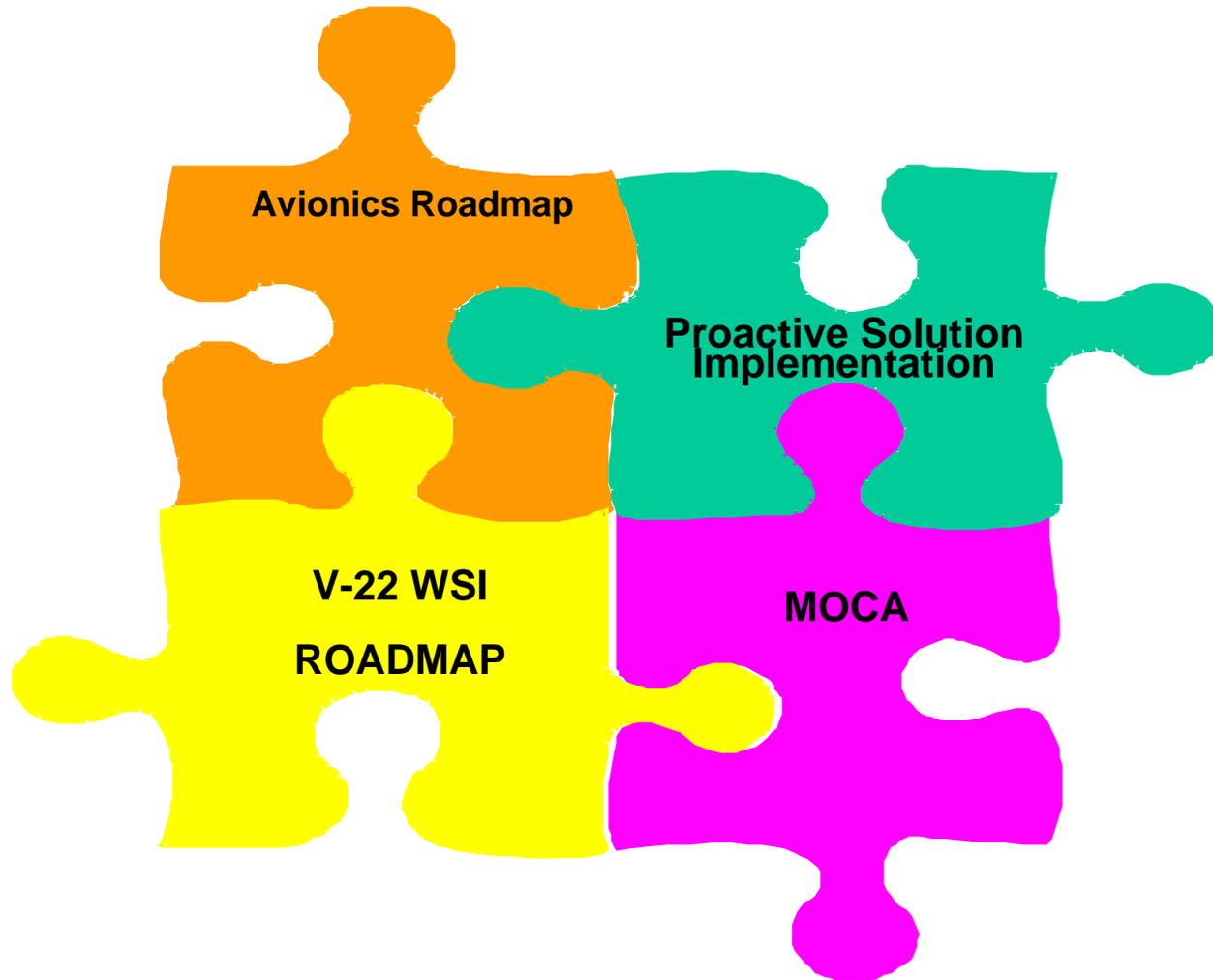
Implementation (Cont)

➢ Focus groups (Cont)

  ➢ Mitigation of Obsolescence Cost Analysis (MOCA)

  ➢ Health Analysis Cost Analysis Model (BCA)

  ➢ Contracts

  ➢ Spares/RoR

  ➢ AAIPT OMIS

  ➢ EPL / BOM

➢ Iterative refinement based on lessons learned

➢ Concentration on Bit Piece/SRA/WRA/System

  ➢ Active and Passive

Implementation (cont)

Avionics Roadmap

Proactive Solution Implementation

V-22 WSI ROADMAP

MOCA

Assessment

➤ Imperative to success

    ➤ Facilitate rapid funding

    ➤ Establish priorities for contracts to expedite contracting efforts

    ➤ Obtain and Maintain all EPL and BOMs

    ➤ Integrate Avionics and WSI Roadmaps

    ➤ Implement MOCA

    ➤ Process Visibility

    ➤ Obtain buy-in from OEM/Suppliers

    ➤ Cross platform/department/company/service sharing of information

Metrics

	# of CASE SHEETS	# PARTS
BOEING (OPEN)	66	
BELL (OPEN)	19	
GFE (OPEN)	4	
OTPS (OPEN)	0	
TOTAL OPEN	89	79
RESOLVED CASE SHEETS	9	
CLOSED	384	
TOTAL CASE SHEETS	482	435

Cases Closed

FY04: 17   **FY05: 120**   **FY06 to date: 247**

- Over 52,000 components monitored
- Cost avoidance to the program:
  - FY98-FY04 = $38
  - FY05 = $27
  - FY06 to date = $10.8

The OMT continuously refines and streamlines its processes to increase efficiency!

Summary

- ➢ Review of accomplishments

   - ➢ Auto-Generated Case Sheet

   - ➢ Process Documentation

   - ➢ Focus Groups

   - ➢ Joint Oversight

   - ➢ Metrics

- ➢ Next step

   - ➢ PBL

QUESTIONS?