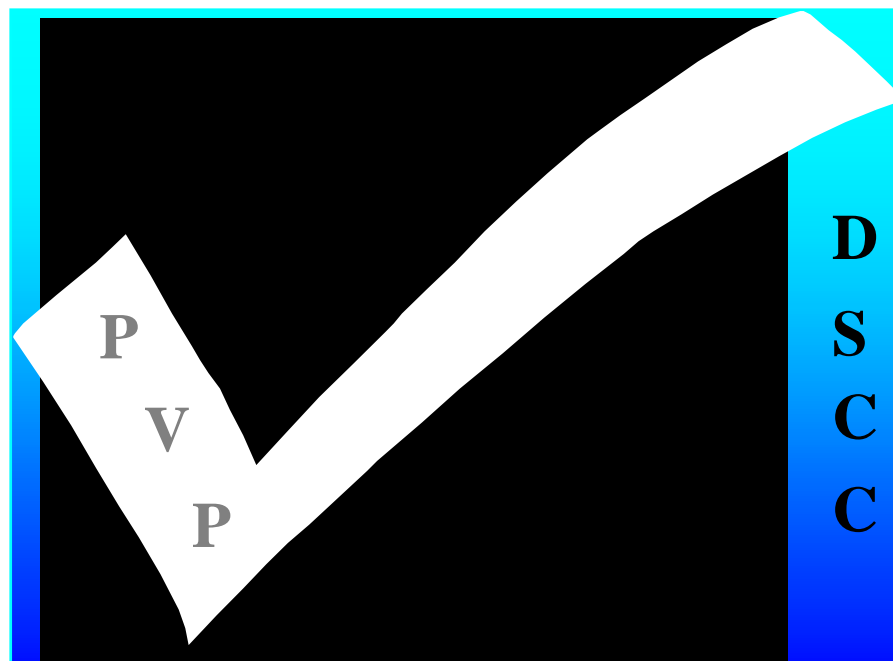




Product Verification Program



ASSURING QUALITY OF OUR STOCK

Doug Fosnaught
Chief, Product Verification Division
614-692-1719



PVP Mission Objectives



The PVP office supports the Land/Maritime Supply Chains by:

- Ensuring the “Right Items” are provided to the War fighter
 - The PVP office identifies product discrepancies through use of multiple test programs, material audits, and fraud investigations
- Supporting the reduction of Administrative /Production Lead Times (ALT/PLT)
 - The PVP office identifies problematic materials and contractors which results in a reduction in ALT/PLT
- Reducing material management cost
 - The data provided by the PVP office assists the Supply Chains in taking corrective actions associated with field failures, unnecessary procurements, depot screenings, and Quality Notifications
- Increasing product reliability
 - The data provided by the PVP office to the Supply Chains prevents reoccurrences of identified quality problems



PVP Test Programs



DLA HQ

Critical Safety Item (CSI)	<ul style="list-style-type: none">• DLA HQ mandated program• Measures level of product compliance• Confirms technical data accuracy on depot stocked materials
Targeted Sampling Model (TSM)	<ul style="list-style-type: none">• Candidates are selected from Depot stock• Targets NSNs based on impact and risk associated with past product failures

DSCC PVP

Special Investigations	<ul style="list-style-type: none">• Monitor fraudulent contractor activity• Support Defense Criminal Investigative Services & DSCC Legal investigations• Provide justification for the recoupment of funds & contractor debarment
Vendor Test Program (VTP)	<ul style="list-style-type: none">• Targeted selection based upon vendor & contract data• Focuses on new cages codes against material requirements



PVP Test Programs



Customer (Supply Chain)

Directed Test Program (DIRE)	<ul style="list-style-type: none"> • Assist the Supply Chains in investigating Quality Notifications • Use of Product Verification Testing (PVT) Clause • Special Project Requests
Customer Returns & Improvement Initiative (CRII)	<ul style="list-style-type: none"> • The CRII program properly classifies customer returns • Materials are added and removed based on quality history, material group, or special requests as directed by the Supply Chain • Database includes 7430 materials

Contract

Government First Article Testing (GFAT)	<ul style="list-style-type: none"> • Monitors Government preproduction testing • Verifies contractor ability to manufacture “right item” • Coordinates funding allocations
Production Lot Testing (PLT)	<ul style="list-style-type: none"> • Contract driven, in-production, pre-acceptance • Verifies standardized manufacturing process • Ensures material conformance and unit consistency



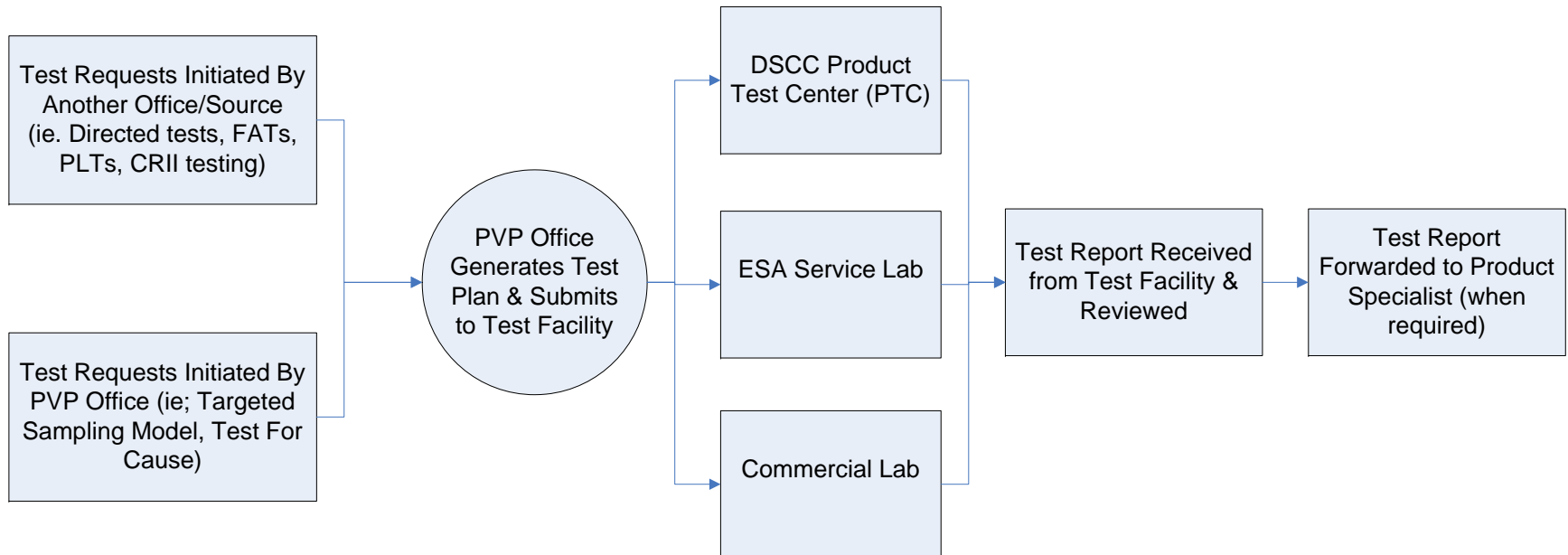
PVP Customer Interfaces



<i>Internal Customers</i>	<i>External Customers</i>
Product Specialists	Commercial Labs
Product Test Centers	Engineering Service Activity Labs
Resolution Specialists	DCIS Agents
DSCC Legal Office	DLA Depots
Contracting Officers	PVP Offices at the other profit centers
Sourcing & Qualifications Office (VQ)	DLA Headquarters
Budget Analysts	U.S. Judicial System
Base Contracting	Defense Contract Management Agency
Customer Account Specialists	Manufacturers/Contractors



PVP Workflow Process





PVP Lab Affiliations

DLA

- PTC, Mechanical East (Columbus)
- PTC, Mechanical West (French Camp)
- PTC, Electrical (Columbus)
- PTC, Analytical (Philadelphia)

Navy

- Fleet Readiness Center Southeast
- Seal Beach Naval Weapons Station
- Naval Surface Warfare Center, Crane
- Naval Air Warfare Center Aircraft Division, Lakehurst
- Naval Air Depot, Jacksonville
- Naval Air Depot, Cherry Point
- Naval Undersea Warfare Center, Keyport

Army

- Redstone Arsenal
- Rock Island Arsenal
- Letterkenny Army Depot
- Picatinny Arsenal

Air Force

- Hill Air Force Base
- Tinker Air Force Base
- Robins Air Force Base

Commercial

- Dayton T. Brown



PVP Test Methodology



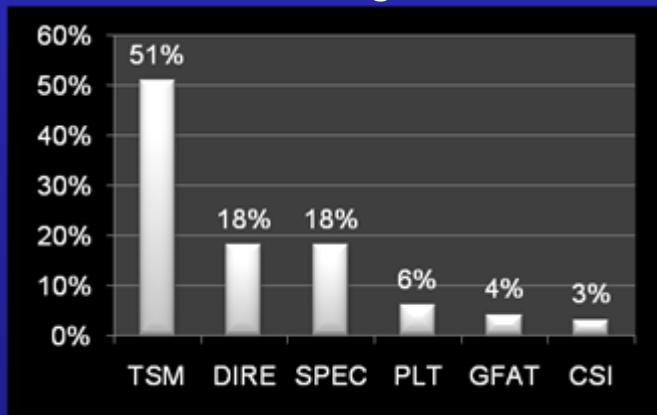
Selection Factors	Test Focus
Quality History Criticality of Use Demand History Complexity Cost Physical Characteristics Stocked Population Storage Requirements Past Performance Allegations	Visual (workmanship) Fit & Function Dimensional Packaging Marking Plating/Coating Material Composition Environmental Chemical Electrical



PVP Test Metrics



Test Programs



Top Ten Weapons Systems

- 21N NUCLEAR Reactors Program
- VUN Aircraft, Hornet F/A-18 (E/F)
- Z9N Aircraft, FA-18, A-D, E/F, G (Growler)
- EZN Ticonderoga Class CG (47)
- 04F Aircraft, Stratofortress B-52
- 02N Strategic Weapon Systems (Poseidon & Trident)
- 19F Aircraft, Eagle F-15
- 06F Aircraft, Hercules C-130
- 05F Aircraft, Stratolifter C/KC-135
- 75F Helicopter, HH-60

Top Ten Stock Classes

- 5935 Connectors, Electrical
- 5961 Semiconductor Devices
- 1005 Guns, thru 30 mm
- 5962 Microcircuits, Electronic
- 3040 Miscellaneous Power Trans Equipment
- 4730 Fittings and Specialties; Hose, Pipe and Tube
- 5930 Switches
- 5945 Relays, Solenoids
- 5910 Capacitors
- 5905 Resistors

Top five Failure Types

1. Packaging
2. Dimensional
3. Electrical
4. Material Analysis
5. Functional/Operational



PVP Summary



- Objective – Right Item, Reduce ALT/PLT, Reduce Cost, Increase Reliability
- Programs – Identify and document testing results based on selective criteria
- Interfaces – Communicating with Government and Industry
- Processes – Streamlined for efficiency and effectiveness
- Affiliations – Test Capability, Product Specialization, Knowledge Sharing
- Methodology – Match best value candidates with appropriate test conditions
- Metric – Statistical analysis/Cost vs. Benefit

Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skillful execution; it represents the wise choice of many alternatives.

WILLIAM A. FOSTER, quoted in Igniting the Spirit at Work: Daily Reflections