

# **PLA Symposium 2015**

## **Government Systems Committee DLA**

**27 March 2015**



# Background

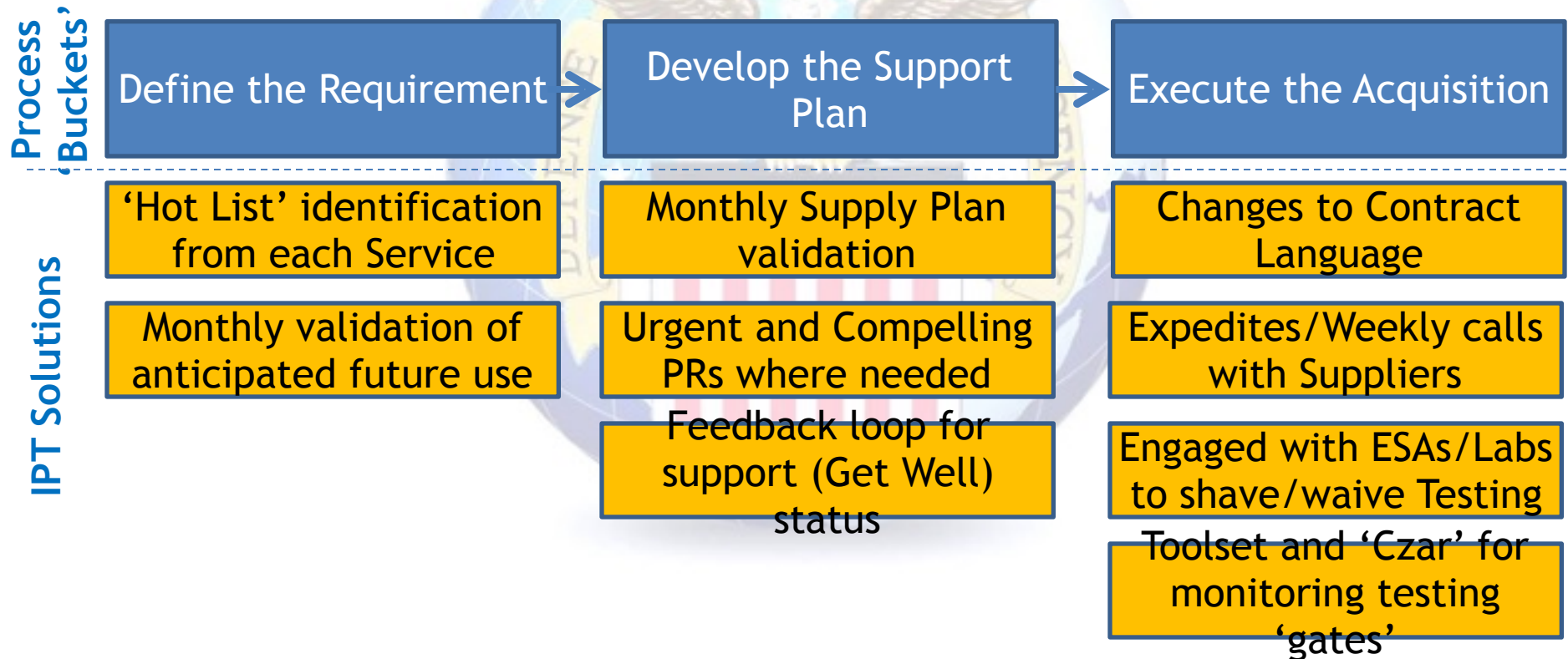
- **Support challenges for DLA...**
  - Difficult to forecast, time-change items, long lead times, small supplier base, extensive testing requirements
- **Customer Perspective...**
  - Delivery dates too far out
  - Awards to suppliers with known quality issues
  - Waive FATs over Service objections
  - Can't get traction with emergency buys
- **Industry Perspective...**
  - Too many touch points and time associated with FATs/PLTs
  - Communication is lacking
  - Expend effort only to see PRs disappear
  - DLA not responsive to inquiries

Parachute Support Improvement IPT established (July 2014)!!!



# Parachute Support Improvement IPT

- Focus is on...
  - Intensive management of Service 'Hot List' items
  - Fixing the Process
- Dissection of end-to-end process...





# Service 'Hot Lists'

## Future Use and Supply Plan Validation

Army				
NIIN	Description	DLA Monthly Forecast/Use	Note	Usage Change from Last Month
015674708	DEPLOYMENT BAG ASSY	400	JDA Monthly Forecast, DP'd at Avtn	-400
015352233	HARNESS ASSY, T-11	81	JDA Monthly Forecast, DP'd at Avtn	-9
015352252	STATIC LINE, MODIFIE	958	JDA Monthly Forecast, DP'd at Avtn	-542
013303747	PILOT CHUTE, MAIN	46	JDA Monthly Forecast, DP'd at Avtn	-8
015352228	MAIN PACK TRAY, PERS	196	JDA Monthly Forecast, DP'd at Avtn	-4
014936418	LINK ASSEMBLY, SMALL	TBD	JDA Monthly Forecast, DP'd at Avtn	0
015352244	LOOP, CLOSING ASSY	600	JDA Monthly Forecast, DP'd at Avtn	0
015609155	CLOSING LOOP, 2PIN	TBD	JDA Monthly Forecast, DP'd at Avtn	0
014595471	BAND, ELASTIC, PARACH		JDA Monthly Forecast, DP'd at Avtn	0
013303741	LOOP, CLOSING, MAIN	401	JDA Monthly Forecast, DP'd at Avtn	9
Navy				
NIIN	Description	DLA Monthly Forecast/Use	Note	Usage Change from Last Month
014672054	HARNESS, PERSONNEL P	14	JDA Monthly Forecast, DP'd at Avtn	0
015258993	CANNISTER, DROGUE AS	17	JDA Monthly Forecast (GDP), DP'd at Avtn	0
015023319	RELEASE BODY, AIRCRAFT	1	JDA Monthly Forecast, DP'd at Avtn	0
014672050	PILOT CHUTE	100	Future forecast not warranted!, DP'd at Avtn	0
014672051	RIP CORD, PARACHUTE	4	JDA Monthly Forecast, DP'd at Avtn	0
015023682	PARACHUTE, PERSONNEL	2	JDA Monthly Forecast, DP'd at Avtn	0
008551670	PILOT CHUTE	1	JDA Monthly Forecast, DP'd at Avtn	0
990050444	CANOPY, EJECTION SEA	20	JDA Monthly Forecast, DP'd at Avtn	0
000090444	PILOT CHUTE	1	JDA Monthly Forecast (GDP), DP'd at Avtn	0
014672033	CLOSING LOOP ASSEMB	35	ADQ/12 (AAC Z)	-14
Air Force				
NIIN	Description	DLA Monthly Forecast/Use	Note	Usage Change from Last Month
012363820	CANOPY, EJECTION SEA	116	JDA Monthly Forecast, DP'd at Avtn	-5
012505468	PARACHUTE ASSEMBLY,	59	JDA Monthly Forecast, DP'd at Avtn	-10
007792967	PARACHUTE, AIRCRAFT,	3	AAC H, no monthly forecast, so using ADQ/12	0
010034535	PARACHUTE, DROGUE	5	JDA Monthly Forecast, DP'd at Avtn	0
010034536	PARACHUTE, DROGUE	4	JDA Monthly Forecast, DP'd at Avtn	0
008333311	CANOPY, PARACHUTE, AI	-	ADQ/12 (AAC Z, Next Gen)	0
013752119	RISER ASSEMBLY	3	ADQ/12 (AAC Z, Next Gen)	0



# Contract Language Changes

- Geared towards reducing touch-points & time...
  - ESAs/Post Awards added language to notifications to Suppliers and QALIs indicating that DCMA QAR has authority to approve LOTs if Supplier has conformed to recommendations in conditional approval
  - Pre-award added statement to contracts to allow ESA to talk to suppliers directly for clarifications, but anything requiring changes to be addressed with Contracting Officers
  - Requirement in contract language for Supplier to notify Lab and Contract Administrator when shipment made (to include tracking information)



# Gated Test Process

- 3 Major Gates
  - Manufacturing (Vendor drives schedule)
    - Contract award to delivery
  - Testing (Lab drives schedule)
    - Delivery to test report
  - Post test (Product Specialist and Contract Admin drives schedule)
    - Receipt of test report to vendor notification
- Management doctrine
  - Manage by open contract test CLIN
  - Engage on outliers and exceptions
  - Established timeframes per CLIN
  - Visibility of test CLIN by gate

Escalate when Gates are busted!!!





# DLA IPT LEAD

- LCDR Patrick Teague
  - Operations Officer, Planning Directorate
    - [thomas.teague@dla.mil](mailto:thomas.teague@dla.mil)
    - 804-279-6771





# DLA Parachute Program Managers

- Sarah Carrico
  - Army Weapon System Support Manager
    - [sarah.carrico@dla.mil](mailto:sarah.carrico@dla.mil)
    - 614-692-2376
- Michael Clubb
  - Navy Weapon System Support Manager
    - [michael.clubb@dla.mil](mailto:michael.clubb@dla.mil)
    - 804-279-6883
- Brian Momchilov
  - Air Force Weapon System Program Manager
    - [brian.momchilov@dla.mil](mailto:brian.momchilov@dla.mil)
    - 804-279-4293





# DLA Contracts

- Alok Upadhyaya
  - Division Chief, Aviation Airframes FAZ
    - [alok.upadhyaya@dla.mil](mailto:alok.upadhyaya@dla.mil)
    - 804-279-4317
- Cynthia Jackson
  - Contract Specialist Supervisor
    - [cynthia.c.jackson@dla.mil](mailto:cynthia.c.jackson@dla.mil)
    - 804-279-5464
- Andy Toon
  - Contract Specialist Supervisor
    - [andree.toon@dla.mil](mailto:andree.toon@dla.mil)
    - 804-279-3914



# DLA Engineering

- Al Sandlin
  - Chief, Product Assurance Branch
  - FAT/PLT “Czar”
    - [robert.sandlin@dla.mil](mailto:robert.sandlin@dla.mil)
    - 804-279-4098
- Karolina Koller
  - Materials/Mechanical Engineer  
Standardization
    - [karolina.koller@dla.mil](mailto:karolina.koller@dla.mil)
    - 804-279-6367



# ADEST

- Jennifer Hunt
  - Textile Technologist/Materials Engineer
    - [jennifer.a.hunt34.civ@mail.mil](mailto:jennifer.a.hunt34.civ@mail.mil)
    - 508-233-5620





# Naval Air Warfare Center 4.6

- Aaron Perry
  - QA Department
    - [aaron.perry@navy.mil](mailto:aaron.perry@navy.mil)
    - 760-939-9022
- Paul Runnels
  - QA Department
    - [paul.runnels@navy.mil](mailto:paul.runnels@navy.mil)
    - 760-939-26524490





## 4.6 HUMAN SYSTEMS DEPT. QA BRIEF

---

*Presented to:*

**PIA Daytona Beach March 2015**

*Presented by:*

**Mr. Paul Runnells**

U.S. Navy Quality Assurance

---



# **U.S. NAVY Quality Assurance Team**

**John Drake**

**Paul Runnells**

**Aaron Perry**

**Naval Air Warfare Center, Weapons Division**

**China Lake, CA**





# ENGINEERING SUPPORT ACTIVITY (ESA)

- ☐ China Lake is the ESA for all Parachutes, Harnesses, and Related Equipment
- ☐ Authority for all Changes to Equipment
- ☐ Review Deviation Waiver Requests and Accept or Reject
- ☐ Engineering, Mishap Investigation, QA Lab
- ☐ Provide Information to the Fleet, DLA, and Manufacturers





# China Lake

- ❑ Engineering, Design, Test & Evaluation and QA Lab all in one location
- ❑ Turn around most inspections within 1 – 2 weeks
- ❑ Shipping/Receiving can be slow. Provide shipping information whenever possible to ensure timely receipt of samples



# FAT / PLT

- ❑ The Navy will only support waiver of FAT on a case by case basis
- ❑ The Navy does not support waiving PLT
- ❑ We understand that production lot sizes may be dependent on demand, but recommend smaller production lots
  - Recently received 5 parachute samples for PLT, the data plate was on the incorrect gore, and the lot was rejected. The samples were selected from a lot of 354. The manufacturer has to correct the defect on all canopies, if the lot size was smaller, the manufacturer may have incurred less cost, the repairs could have been completed in less time, and the finished product could have been delivered earlier.



# Examples of Discrepancies



# SEARED THREADS







# UNTRIMMED THREAD ENDS







# SUSPENSION LINE CAUGHT IN STITCHING





# CLOSE-UP OF SUSPENSION LINE







# SUSPENSION LINES TACKED TOGETHER



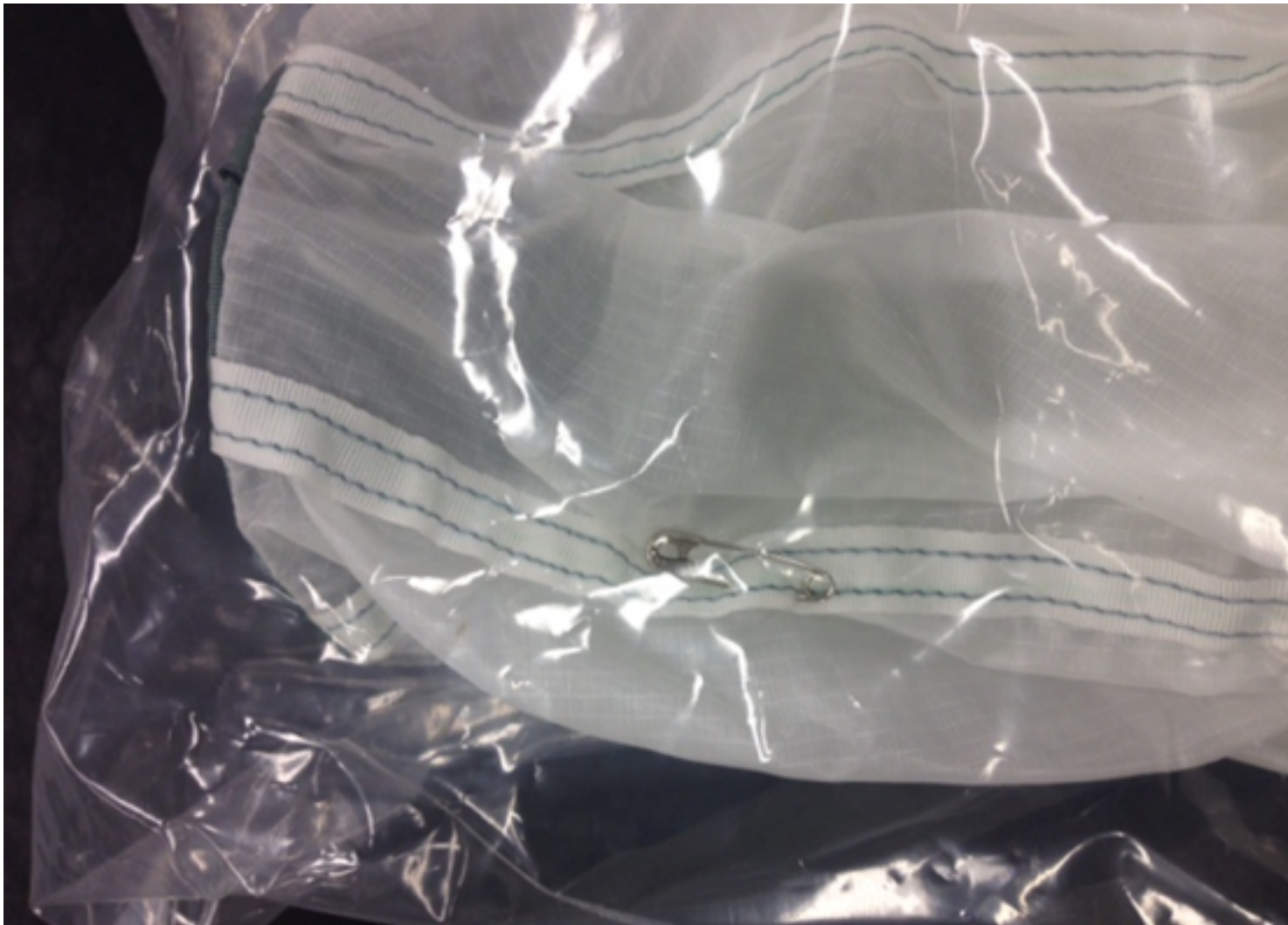


# CLAMP LEFT ON ORAL INFLATION VALVE





# SAFETY PIN ATTACHED TO PILOT CHUTE







# Questions?





# Contact Info

Paul Runnells

760-939-2652

DSN 437-2652

Paul.runnells@navy.mil

Aaron Perry

760-939-9022

DSN 437-9022

Aaron.perry@navy.mil



# AFLCMC/WNUV

- Varrick Horton
  - AF ESA Lead
    - [varrick.horton@us.af.mil](mailto:varrick.horton@us.af.mil)
- Marwan Yadak
  - Chief, Materials and Textiles Laboratory
    - [marwan.yadak@us.af.mil](mailto:marwan.yadak@us.af.mil)
    - 937-656-8979





# The Way Ahead

- Parachute Summit 2015
  - July TBD

**Continuous Process Improvement!**  
**Visibility and Accountability**

