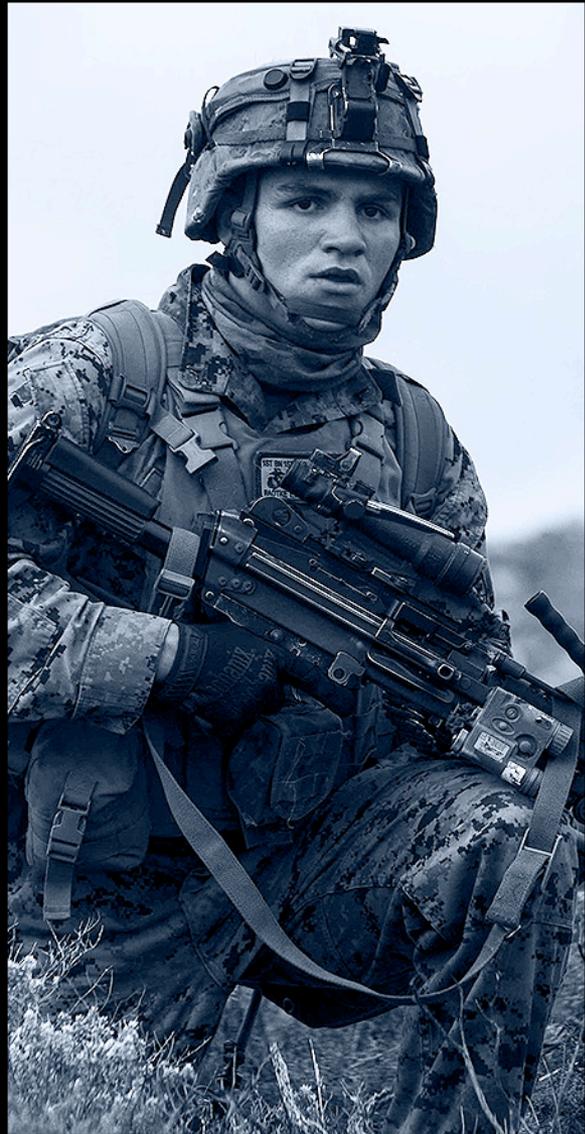




DEFENSE LOGISTICS AGENCY

THE NATION'S COMBAT LOGISTICS SUPPORT AGENCY



Standardization/Cost Savings on Utility Uniforms

Kristyn Pretcher





Purpose



- Evaluation of the common features on selected Utility Uniform Coat/Blouse and Trousers/Slacks.
- C&T has received funding from DLA Headquarters (MUST Program) to-conduct a research study to compare key combat/utility design elements. LMI was selected to perform the analysis.
- Material, component, construction, and processes that could benefit from improved joint collaboration and commonality among the Services and DLA.



What Items?



- Army Coat and Trouser, Female Coat and Trouser
- Navy Type II and III Blouse and Trouser
- Coast Guard Operational Dress Uniform
- Marine Corps Blouse and Trouser
- Afghan Shirt and Trouser



What Items?



Marine Corps	Army	Navy	Coast Guard	Afghan
Blouse, Wdld, MCCUU Trouser, Wdld, MCCUU Blouse, Dsrt MCCUU Trouser, Dsrt, MCCUU	ACU Coat, Rip-Perm,OCP ACU Trs, Rip-Perm,OCP ACU-F Coat, OCP ACU-F Trouser, OCP ACU Coat, FR-Perm, OCP ACU Trs, FR-Perm, OCP IMACU Coat, OCP IMACU Trousers, OCP	Blouse, Dsrt Trouser, Dsrt Blouse, Wdld Trouser, Wdld	ODU, Coat ODU, Trouser	AUP Shirt AUP Trouser ANA Shirt ANA Trouser



Why?????



- Cost Savings
- Improved Production
 - Increased automation
 - Lower lead times
 - Increased quality
- Possibility to change procurement.
- Leverage Production



What are we currently learning?



- Trousers were reviewed first
 - Back Pocket
 - Cargo Pocket
 - Creases
 - Fly
 - Front (Plain or Pleated)
 - Knee Patch
 - Leg Hem
 - Leg Pocket
 - Seat Patch
 - Waistband



Trousers



- **Trouser Differences**

- Width of the waistband
- Belt loop size
- Side tab adjustment
- Pocket construction/enclosures
- Elastic in: ACU Female, MCCUU, and Navy
 - Elastic width varies
- All services allow grown on or sewn on waistband (except for the Coast Guard)
- Navy Type III Uniform has the most differences from the other services.



Trousers



- Similarities

- All services allow grown on or sewn on construction except for Coast Guard
- All ends of the waist band are clean finished
- All closures are button and button hole
- # of belt loops all seven except for NWU depending on size of item.
- Only one item the Afghan ANA has a drawstring.
- Only the Afghan trousers have a size adjustment



What is to come next?



- Coat similarities and differences are being evaluated
- LMI is hiring two SMEs familiar with combat uniform manufacturing to break down manufacturing operations associated with these different features, and provide estimated SAMs.
- LMI is evaluating the fabric utilization for the various pattern pieces in the Trouser and Coat items.



What we have learned?



- We were surprised with how similar services are on the trousers.
 - However, there are still opportunities
- We believe the pattern evaluation will show standardization opportunities.
- Want to inform services of where we are so that at JAPBI, will not be a surprise of where we are regarding recommendations.



Goal



- Cost savings to our customers
- What drives cost savings?
 - Efficiency
 - Economies of Scale
 - Automation
 - Leverage on deliveries



IPT Standardization Team



Lisa Maurer
Product Specialist
215-737-2371

Leighann Mazoki
IST Chief
215-737-5608

Kristyn Pletcher
Product Specialist
215-737-4795

Karla Williams
Branch Chief
215-737-3229