



Combat Uniforms



DLA
DEFENSE LOGISTICS AGENCY
Established 1961



The Nation's Combat Logistics Support Agency

DLA TROOP SUPPORT

Clothing & Textiles

Combat Uniforms

Joe Parker
November 16, 2023

WARFIGHTER ALWAYS



Field Clothing Division

Lisa Marie Vivino
Division Chief - FQA

Joe Parker
(interim)
FQAB – Combat Uniforms

Arlett Hartie
FQAC - Accessories

Roxane Owen
FQBA – ECWCS

Kimberly Brown
Evan Eisenberg
Donna Streibich
Contracting Officers

\$276M in Sales FY23

\$101M in Sales FY22

\$253M in Sales FY22

- Evan Eisenberg (KO Unlimited)
- Joseph Parker
- Mark McClernan
- Hien-My Nguyen
- Linda Crawford
- Kristin Ray (Purchasing Agent)

- Donna Streibich (KO \$100M)
- Mimi Pham (KO SAT)
- Vincent Davis
- Katlyn Sanders
- Erin Maher
- Timothy Sweetra (Intern)

- Kimberly Brown (KO \$10M)
- Susan DeMarco
- Matthew Everett (KO SAT)
- Tiffany Taylor
- Linda Cioppa-Pape (KO \$250K)
- Geoffrey Gilbert (PACER)

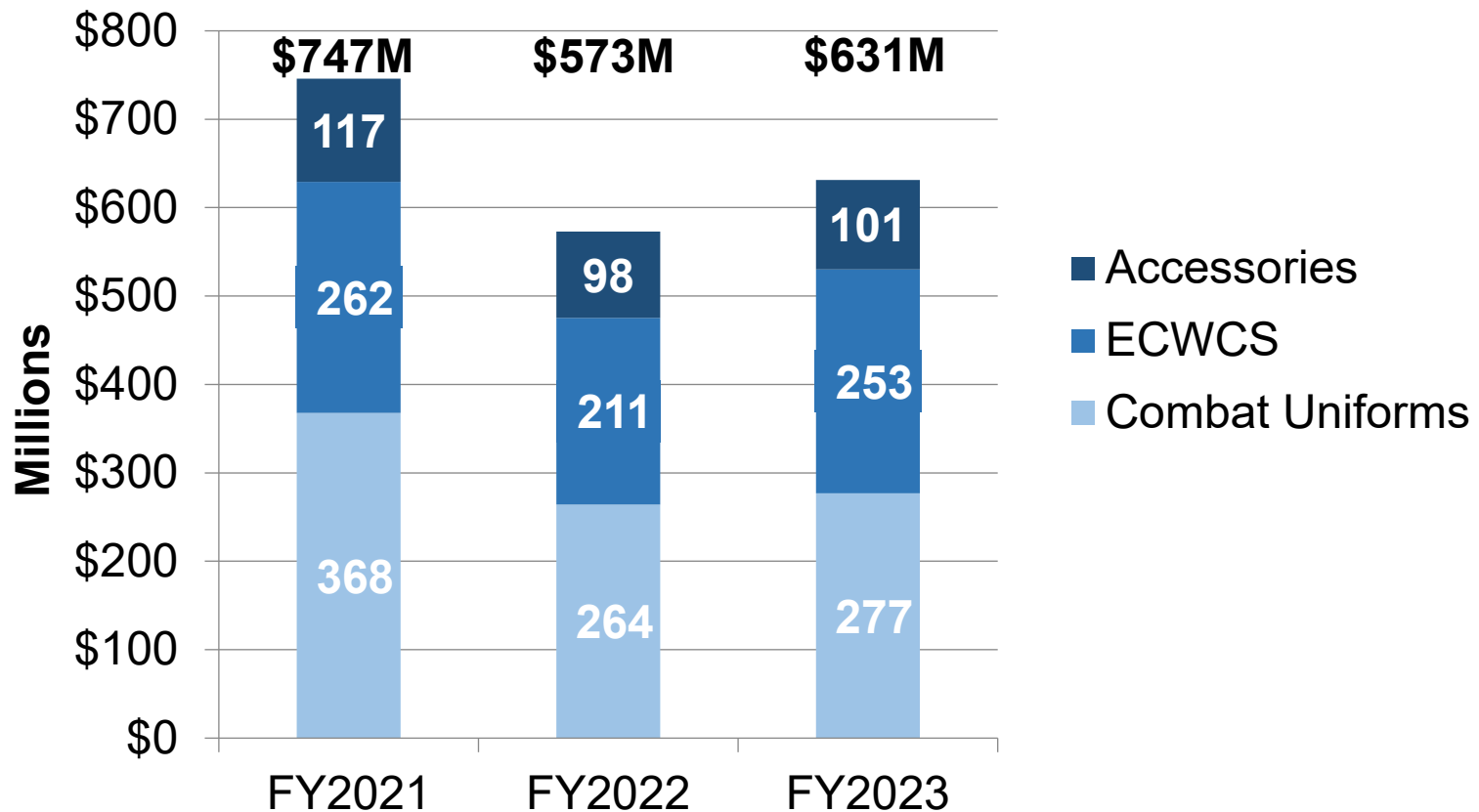


Division Points of Contact

Name	Team	Title	E-mail
Lisa Marie Vivino	Field Clothing	Division Chief	LisaMarie.Vivino@dla.mil
Joe Parker	Combat Uniforms	Interim Supervisor	Joseph.Parker@dla.mil
Arlett Hartie	Accessories	Supervisor	Arlett.Hartie@dla.mil
Roxane Owen	ECWCS	Supervisor	Roxane.Owen@dla.mil
Evan Eisenberg	Combat Uniforms	Contracting Officer	Evan.Eisenberg@dla.mil
Donna Streibich	Accessories	Contracting Officer	Donna.Streibich@dla.mil
Kimberly Brown	ECWCS	Contracting Officer	Kimberly.Brown@dla.mil



Field Clothing Sales FY2021 – FY2023





Combat Uniforms



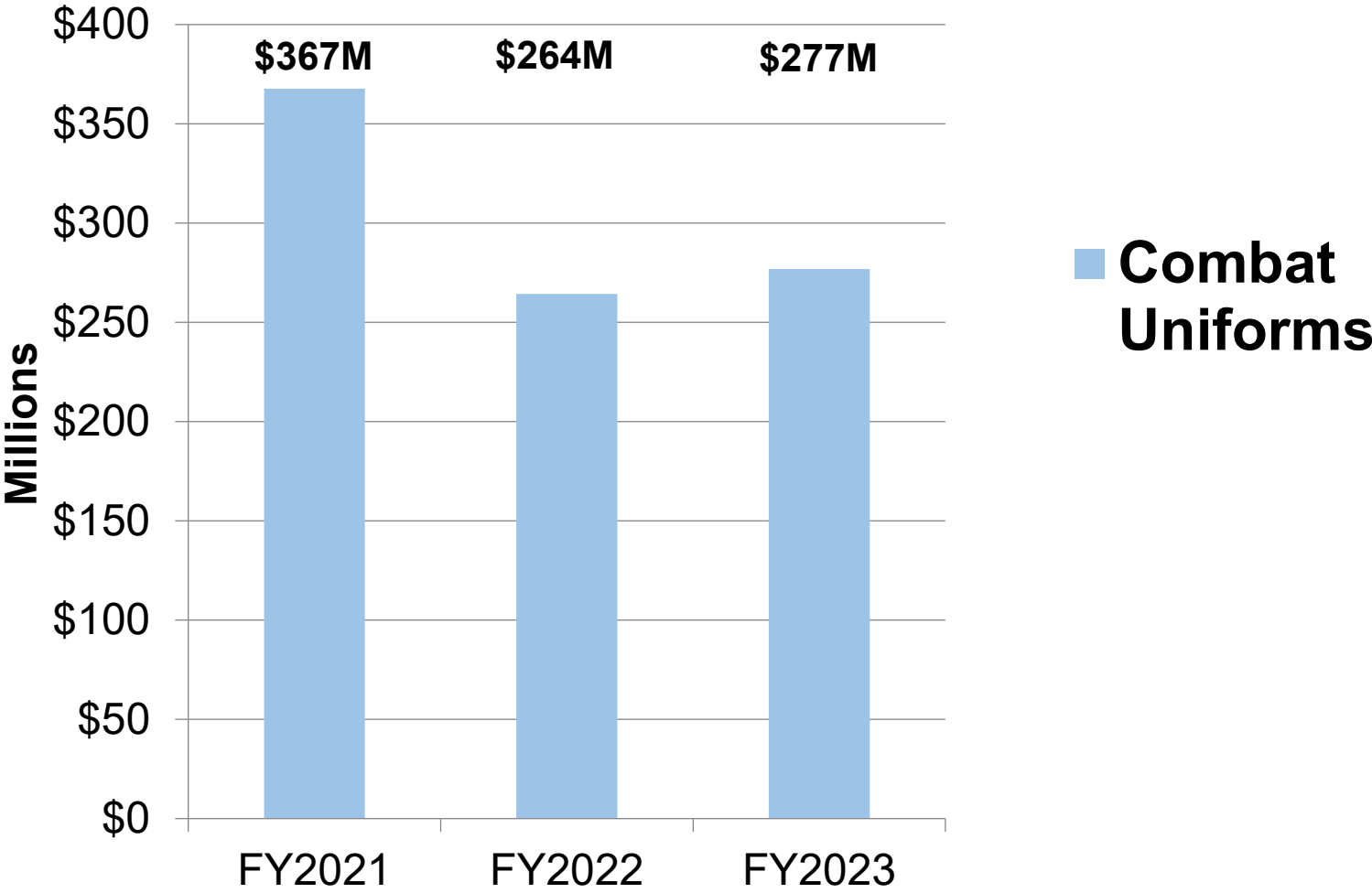


Product Line Overview

- Product Line
 - Combat Uniforms for Army, Air Force, Navy, Marine Corps, Coast Guard
 - Army Combat Uniform (ACU)
 - Flame Resistant Army Combat Uniform (FR-ACU)
 - Improved Hot Weather Combat Uniform (IHWCU)
 - Navy Working Uniform (NWU)
 - Navy 2PC FR Uniform
 - Marine Corps Combat Utility Uniform (MCCUU)
 - Operational Dress Uniform (ODU)
 - Army Patrol Cap & Sun Hat, Navy Boonies and Caps, MC Caps
- Manage 45 items
- Manage 36 long term contracts

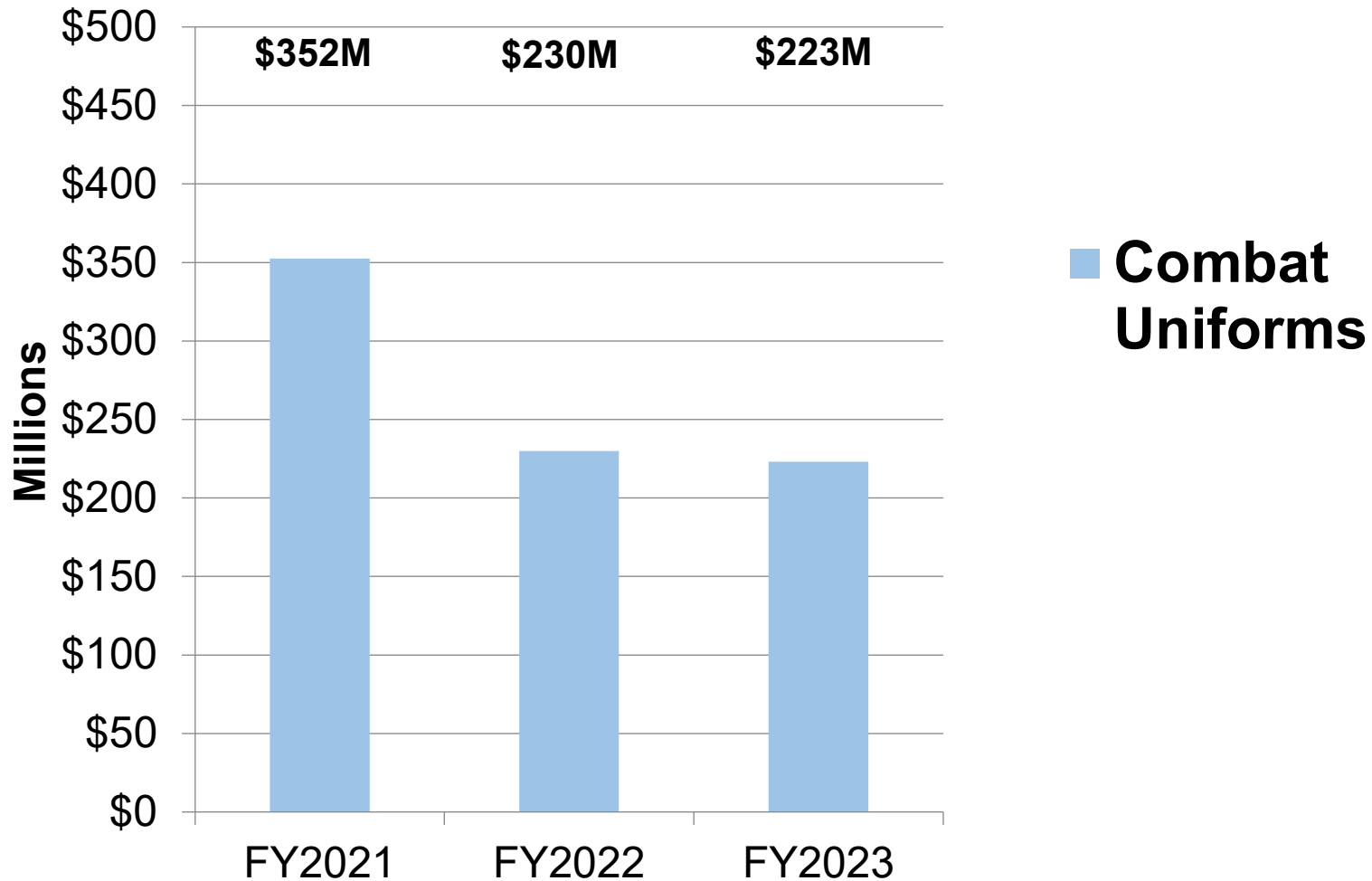


Combat Uniform Sales FY2021 – FY2023



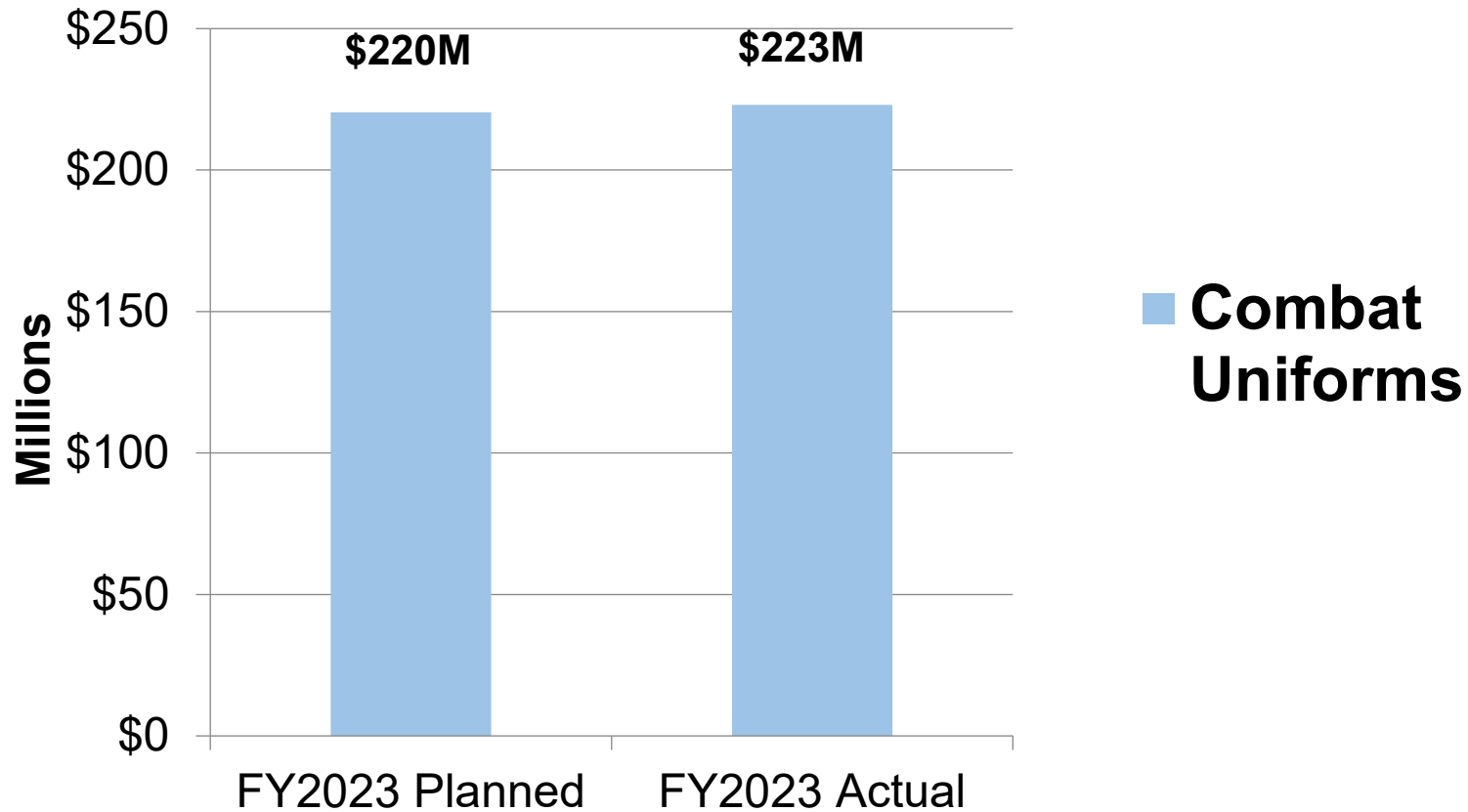


Obligations FY2021 – FY2023





FY2023 Obligations Planned vs. Actual





Open Procurements

ITEM	STATUS	TARGET AWARD DATE
FR-ACU Unisex Trousers	Allocation Closed	November 2023
ACU Coats and Trousers	Allocation Closed	December 2023
ACU Sun Hat	Allocation Closed	December 2023
MC and NWU Caps and Covers	Allocation Closed	January 2024
ACU Coats	Allocation Closed	February 2024
NWU Blouses and Trousers	Solicitation Closed	March 2024



Upcoming Opportunities

ITEM	STRATEGY	EST. CONTRACT LENGTH	EST. ISSUE DATE	BUYER
IHWCU-F Coats	Mandatory	5 Tiers	Jan 2024	Mark McClernan
IHWCU-F Trousers	Mandatory	5 Tiers	Jan 2024	Mark McClernan
ACU Patrol Cap	Mandatory	5 Tiers	Jan 2024	Linda Crawford
MC Tropical Uniform	Not yet determined	5 Tiers	Jan 2024	Mark McClernan
ACU Coats and Trousers	Not yet determined	5 Tiers	Feb 2024	Hien-My Nguyen
IHWCU Unisex Coats and Trousers	Not yet determined	5 Tiers	Feb 2024	Hien-My Nguyen



Updates and Reminders

- Delivery Schedules
 - Make every effort to adhere to schedules.
 - Report delays in advance so we can plan accordingly
 - Excusable extension requests will no longer be accepted if:
 - not submitted on the Request for Excusable Delay Form
 - the request is for dates in the past
 - Excusable delay requests related to covid absenteeism and/or employee shortages will be granted under very limited circumstances moving forward.
- Waiver Requests (Non-Shade)
 - Submit all requests on the DD 1694 Request for Variance Form. Please include:
 - the delivery order #
 - the total amount of garments affected with the applicable NSN(s) and lot number(s).
 - Make sure to propose consideration before submitting
- Waiver Requests (Shade)
 - Please include the price per yard for the fabric with your request



Team Points of Contact

NAME	TITLE	EMAIL
Joe Parker	Interim Supervisor	Joseph.Parker@dla.mil
Evan Eisenberg	Contracting Officer	Evan.Eisenberg@dla.mil
Joe Parker	Contract Specialist	Joseph.Parker@dla.mil
Mark McClernan	Contract Specialist	Mark.McClernan@dla.mil
Hien-My Nguyen	Contract Specialist	Hien-My.Nguyen@dla.mil
Linda Crawford	Contract Specialist	Linda.Crawford@dla.mil
Kristin Ray	Purchasing Agent	Kristin.Ray@dla.mil





U.S. ARMY



SOLDIER SIGNATURE MANAGMENT

Nathan Heslink
Project Officer, PdM SCIE
nathan.g.heslink.civ@army.mil

Every Ounce Matters,
Every Bullet Counts

16 November 2023

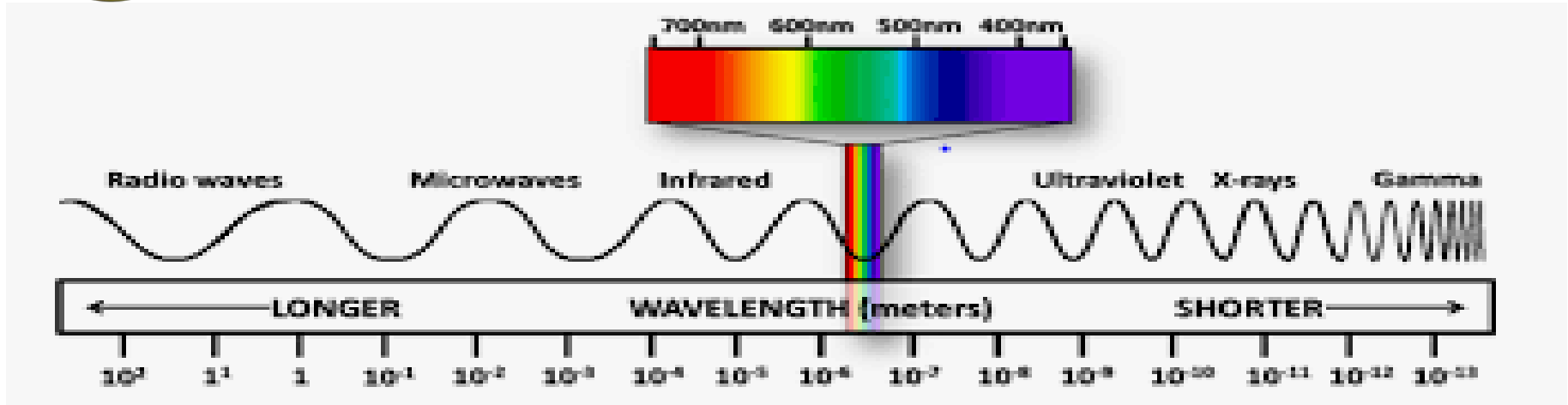


Agenda

- **Spectrum**
- **Ongoing SIGMAN Efforts**
- **SCIE SIGMAN Efforts**
- **Points of Contact**



Spectrum



- No safe space
- Soldier (and equipment) is emitting and reflecting almost everywhere
- High quality sensors easily obtained by adversaries in Radio – VIS spectrums
- Weapon threats in IR and shorter wavelengths
- Army interest in reducing signature across entire spectrum



Science & Technology (S&T) Efforts

- **Security Classification Guidance**
- **New/Updated Reflectivity Performance Targets for VIS-SWIR are Nearly Complete**
 - Product of 3-year Multi-service Effort
 - Services considering Implementation Plans
- **CAPE**
 - Reversible Overwhite



SCIE Efforts

- **Congressional Plus-Up**
 - SWIR and Thermal
- **FY24 focus is Thermal (Long-Wave Infrared)**
 - Soldier Enhancement Project (SEP)
 - Evaluating Ponchos, Overgarments, and Hides
 - Limited User Evaluation (LUE) complete 4QFY24
 - LUE informs future requirements for Thermal Camouflage
 - Requirements will dictate acquisition strategies for future procurements
 - **Industry Day Summer 2024**
 - Initial results from LUE (capability gaps)
 - Planned Program Strategy



PdM SCIE Points of Contact

LTC Austin Banford
PdM SCIE
austin.j.banford.mil@army.mil

Mr. Warren Clare
DPdM SCIE
warren.c.clare.civ@army.mil

Engineers

John Bauer
Lead Systems Engineer
john.e.bauer10.civ@army.mil

Axel Rodriguez-Negron
Branch Chief
axel.e.rodriguez-negron.civ@army.mil

Anabela Dugas
Textile Technologist
anabela.dugas.civ@army.mil

Diane Choquette
Textile Technologist
diane.m.choquette.civ@army.mil

Project Officers

Nathan Heslink
SCIE Project Officer
nathan.g.heslink.civ@army.mil

Assistant Product Managers

Lester Smith
APM – Combat Uniforms
lester.j.smith.civ@army.mil

MAJ Ryan Cermely
APM – Extreme Weather
ryan.d.cermely.mil@army.mil





MARINE CORPS SYSTEMS COMMAND

Equipping our MARINES



*Product Manager
for
Clothing & Equipment (PdM C&E)*

***NexGen MCCUU
JAPBI 16 Nov 2023***



Current Program Status

• **(U) Currently issuing 3 types of uniforms under 3 supply vehicles:**

- (U) As an enterprise: increase utility and decrease logistics
- (U) NexGen uniform efforts: solidify the ways of improvement to the existing uniform capabilities; reducing burden and decreasing logistics for the enterprise while providing improved capabilities to Marines.

(U) MCTCU:

- (U) Background: Adopted in Aug 2018 to provide a faster-drying, high tear resistance, lighter weight uniform to Marines deploying and training in wet and humid tropic environments.
- (U) Issue: UIF issued based upon training and deployment need.
- (U) Cost: \$120.00
- (U) Quantity: 54K ordered, 22K to III MEF, 6K to MEF, rest at Albany. Additional orders of over the next year to reach 70K contingency supply.
- (U) Shortcomings: Lack of traditional neat appearance, lower bite & some shrinkage issues in manufacturing.

(U) MCCUU:

- (U) Background: Adopted in 2003 to increase durability, utility, and create a distinct Marine appearance.
- (U) Issue: MCCUU mandatory possession is two Woodland MARPAT sets & two Desert MARPAT sets. In 2016, only woodland authorized for garrison. Desert wear in garrison authorized locally by base commander.
- (CUI) Cost: MCCUU current cost is avg \$122/set, risen from \$88.05/set in 2020, with annual demand of 285K sets/year +/-10% for an annual sustainment cost of \$25.09M /year.
- (U) Quantity: 285,000 a year +/- 10% a year
- (U) Shortcomings: No FR, not suitable in tropics or in mountain cold weather.

(U) FRCE/EFRCE:

- (U) Background: In 2006 USON required the USMC field an FR uniform along with face/neck/hand protection to minimize burns from Improvised Explosive Device (IED) flash fire hazards in Operations Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) conflicts. The ensemble is collectively referred to as FROG.
- (U) Issue: In 2007 FRCE was fielded, issuing four sets per Marine, replaced in 2013 by EFRCE with improved durability, issuing two per Marine. UIF issued based upon deployment needs.
- (U) Cost: \$168 (low) \$298 (high) unit cost with total procurement value of \$304M.
- (U) Quantity: 1.7M sets procured FY07-15 via multiple contracts. UIF inventory approximately 910K desert/68K woodland.
- (U) Shortcomings: Lacks comfort, high expense, durability is questionable and is not DLA sustained. Need for MWIR/LWIR protection for GCE in the future fight.



(U) EFFORT: Modernize seabag uniform with FR protection & SWIR mitigation

- (U) USMC requirements for FR & tropical capabilities; seabag has neither.
- (U) Reduce number of uniforms fielded = increased readiness, utility, & reduce logistics burden

(U) CURRENT PROBLEM STATEMENT:

- (1) (U) Uniform is not self-extinguishing
- (2) (U) Uniform does not perform well in a jungle/tropical environment.
- (3) (U) Uniform only offers VIS and NIR capabilities

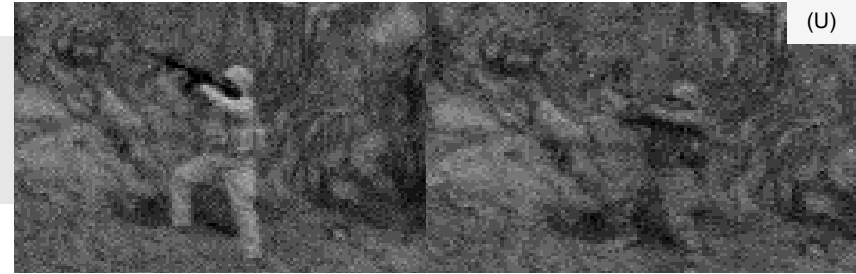
(U) QUESTION: What can the USMC afford that increases comfort, durability, utility in a tropical environment or increased FR protection?

(U) RFP: Industry submit tiered approach all types of technology= demonstrating cost & performance trade space.

(U) Through LUE evaluate: print capabilities, signature management capabilities, colorfastness, next to skin comfort, durability, dry time and performance when wet, FR performance, Vector protection, appearance, launderability, serviceability and longevity, Marine acceptability, and overall utility comparison to the currently issued MCCUU.

(U) FUE: Using information gained in the RFP, finalize requirements for a large-scale evaluation.

- (U) Address form, fit, and function, evaluate number of sizes and other services efforts to jointly modernize
- (U) Address manufacturing and modernization of furnishing leading to more open specifications



Baseline Uniform

SWIR Improvements



(U) Learnings from NexGen MCCUU to potentially be applied to a close combat pants, combat shirt with potential joint protection integrated. Need to address MWIR/LWIR protection for GCE.

**(U) All services have common problems...
Common fabric solutions= consistent supply chain & economies of scale**

(U)

(U)



Event	Completion Date
SWIR apparent reflectance & demonstrated FR print paste concept	FY22
Request for Information (RFI) to Industry for FR & SWIR MCCUU	Jan 21
MRR signed	Oct 21
Presentation on FR capabilities for decision on FR requirements to CD&I	Feb 22
AoA fabric testing: engaged with gov and industry, 60 fabrics examined, 11 deselected for comfort/durability testing	Oct 22
Analysis of Alternatives to MMR... increase trade space & technologies examined	Jan 23
CD&I Working Group refines requirements and needs	Feb 23
RFP release for fabric	May 23
Source selection for fabric- 700 (max) yds per technology (5 awarded)	Jun 23
RFP release for cut and sew- 140 uniforms (max) per technology	Jul 23
Source selection for cut and sew- single vendor	Aug 23
Receive uniforms for LUE	Feb 24
Begin user evaluations and lab testing	Mar 24
SWIR analysis and finalization of requirements	May 24
Release RFI for information on cut and sew modernization and automation capabilities that can increase producibility and reduce cost of uniforms... learnings to be applied for FUE	Jun 24
Internal report and requirements finalization	Aug 24
RFP release for follow on FUE using finalized requirements	Nov 24
FUE complete	Dec 25
Finalize requirements, Develop tech pack. SRP to DLA	Jun 26

TIMELINE IS DEPENDENT ON SOLIDIFICATION OF REQUIREMENTS