



**DLA**  
DEFENSE LOGISTICS AGENCY  
*Established 1961*



The Nation's Combat Logistics Support Agency

# DLA TROOP SUPPORT

## Clothing & Textiles

## Environmental

## Protection Clothing

Roxane Owen, Branch Chief  
November 17, 2022



WARFIGHTER ALWAYS



# Field Clothing Division

**Lisa Marie Vivino**  
Division Chief - FQA

**Rachel Ganaway**

FQAB – Battle Dress Uniforms

**Arlett R. Hartie**

FQAC - Accessories

**Roxane Owen**

FQBA – ECWCS

**Evan Eisenberg**  
**Donna Streibich**

**BaoTRAN Dao**

Contracting Officers

**\$264M in Sales FY22**

**\$97M in Sales FY22**

**\$210M in Sales FY22**

**Evan Eisenberg (KO-Unlimited)**

Joseph Parker  
Mark McClernan  
Michael Baron  
Hien-My Nguyen  
Katlyn Sanders  
Kristin Ray

**Donna Streibich (KO-\$100M)**

Mimi Pham (KO – SAT)  
Marcia Henson (KO – SAT)  
Rachel Piecyk  
Vincent Davis  
Briana Conner (PACER)  
Anthony Bouie (Purchasing Agent)

**BaoTRAN Dao (KO-Unlimited)**

Matthew Everett (KO-SAT)  
Stefanie Caruso  
Linda Cioppapape  
Susan DeMarco  
Miosotis Gonzalez-Figueroa  
Patricia Lyles  
Tiffany Taylor



# Division Points of Contact

Name	Team	Title	E-mail
Lisa Marie Vivino	Field Clothing	Division Chief	<a href="mailto:LisaMarie.Vivino@dla.mil">LisaMarie.Vivino@dla.mil</a>
Rachel Ganaway	Battle Dress Uniforms	Supervisor	<a href="mailto:Rachel.Ganaway@dla.mil">Rachel.Ganaway@dla.mil</a>
Arlett R. Hartie	Accessories	Supervisor	<a href="mailto:Arlett.Hartie@dla.mil">Arlett.Hartie@dla.mil</a>
Roxane Owen	ECWCS	Supervisor	<a href="mailto:Roxane.Owen@dla.mil">Roxane.Owen@dla.mil</a>
Evan Eisenberg	Battle Dress Uniforms	Contracting Officer	<a href="mailto:Evan.Eisenberg@dla.mil">Evan.Eisenberg@dla.mil</a>
Donna Streibich	Accessories	Contracting Officer	<a href="mailto:Donna.Streibich@dla.mil">Donna.Streibich@dla.mil</a>
Bao tran Dao	ECWCS	Contracting Officer	<a href="mailto:baotran.dao@dla.mil">baotran.dao@dla.mil</a>



# Cold Weather Clothing





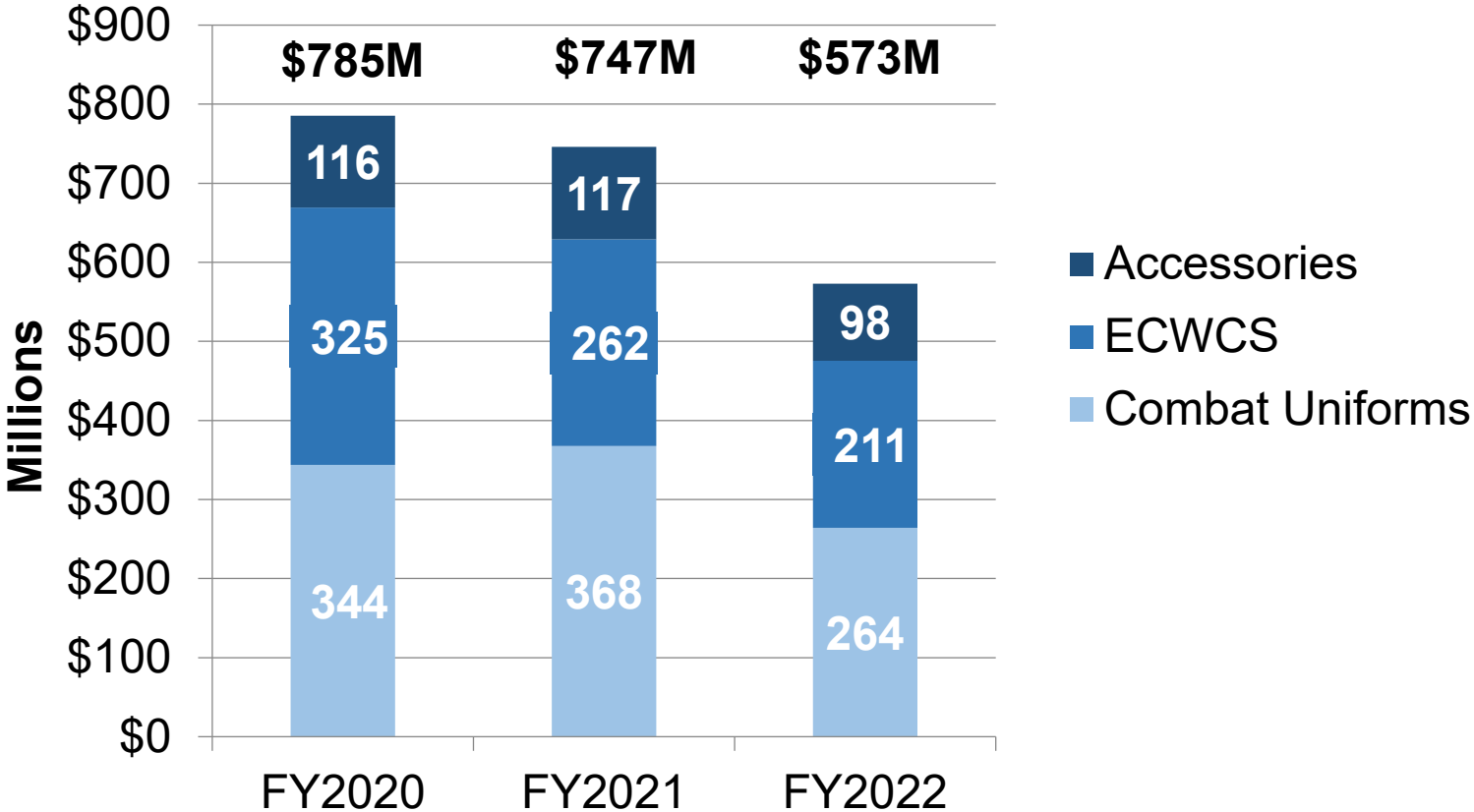


# Product Line Overview

- Product Line
  - Extreme Cold Weather Clothing System for the Army, Air Force, Navy, Marine Corps and Coast Guard
    - Base Layer Undershirt/ Drawers, Lightweight Undershirt/ Drawers
    - Silkweight Undershirt and Drawers
    - GEN III Layer 4 Wind Jacket, Layer 5 Jacket, Layer 5 Soft Shell Trouser
    - GEN III Layer 6 Jacket, Layer 6 Trouser
    - GEN III Layer 7 Parka, Layer 7 Trouser
    - Navy, Parka Working Uniform (NWU) Type II and Type III
    - Parka, Cold Weather Navy, Fleece Liner
    - Balaclava Hood, Navy Watch Knit Cap, Cold Weather Cap
    - USMC Layer 6 Jacket/ Trousers, Snow Camo Parker/ Trousers
  - Manage over 40 items
  - Manage 54 long term contracts

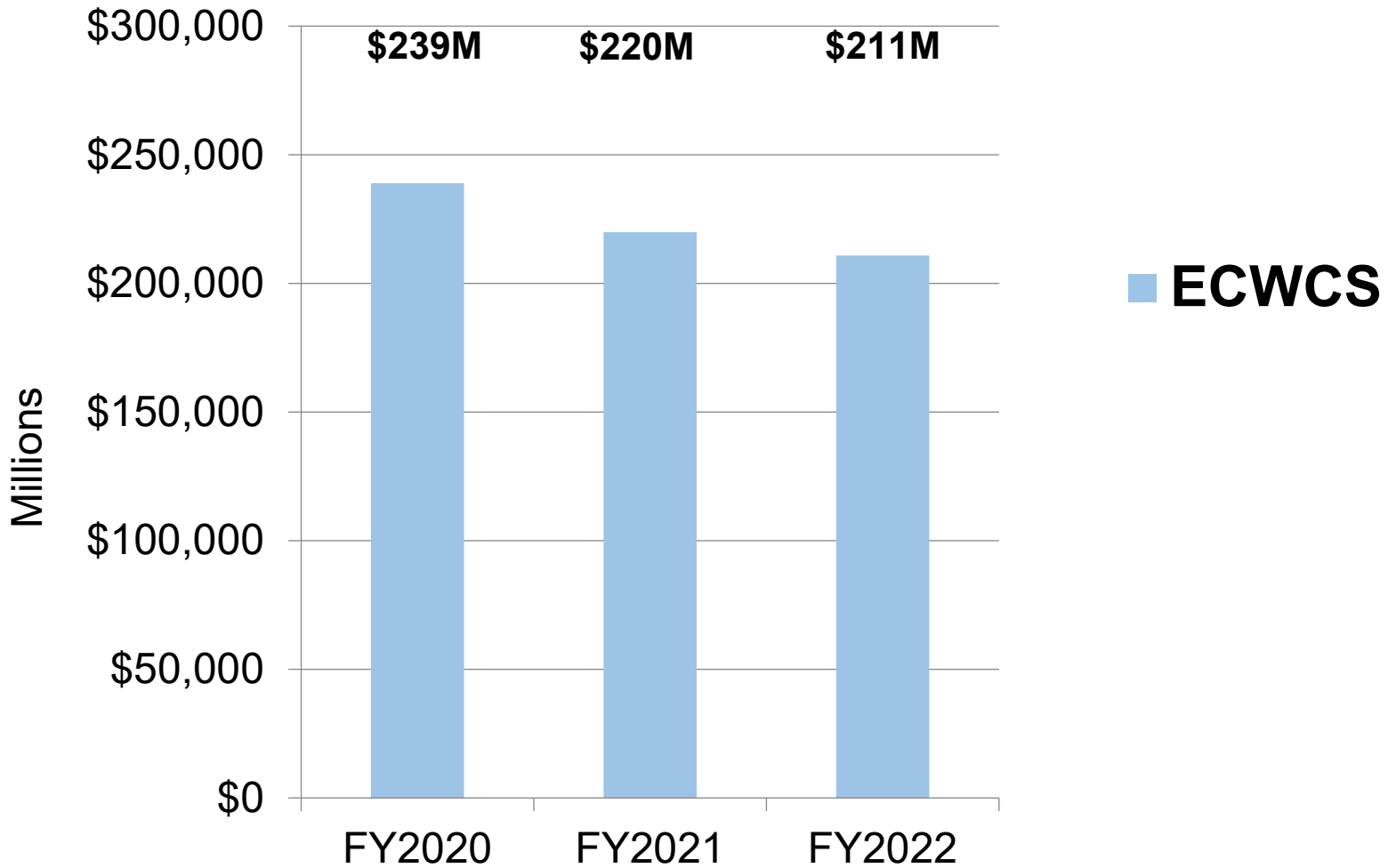


# Field Clothing Sales FY2020 – FY2022



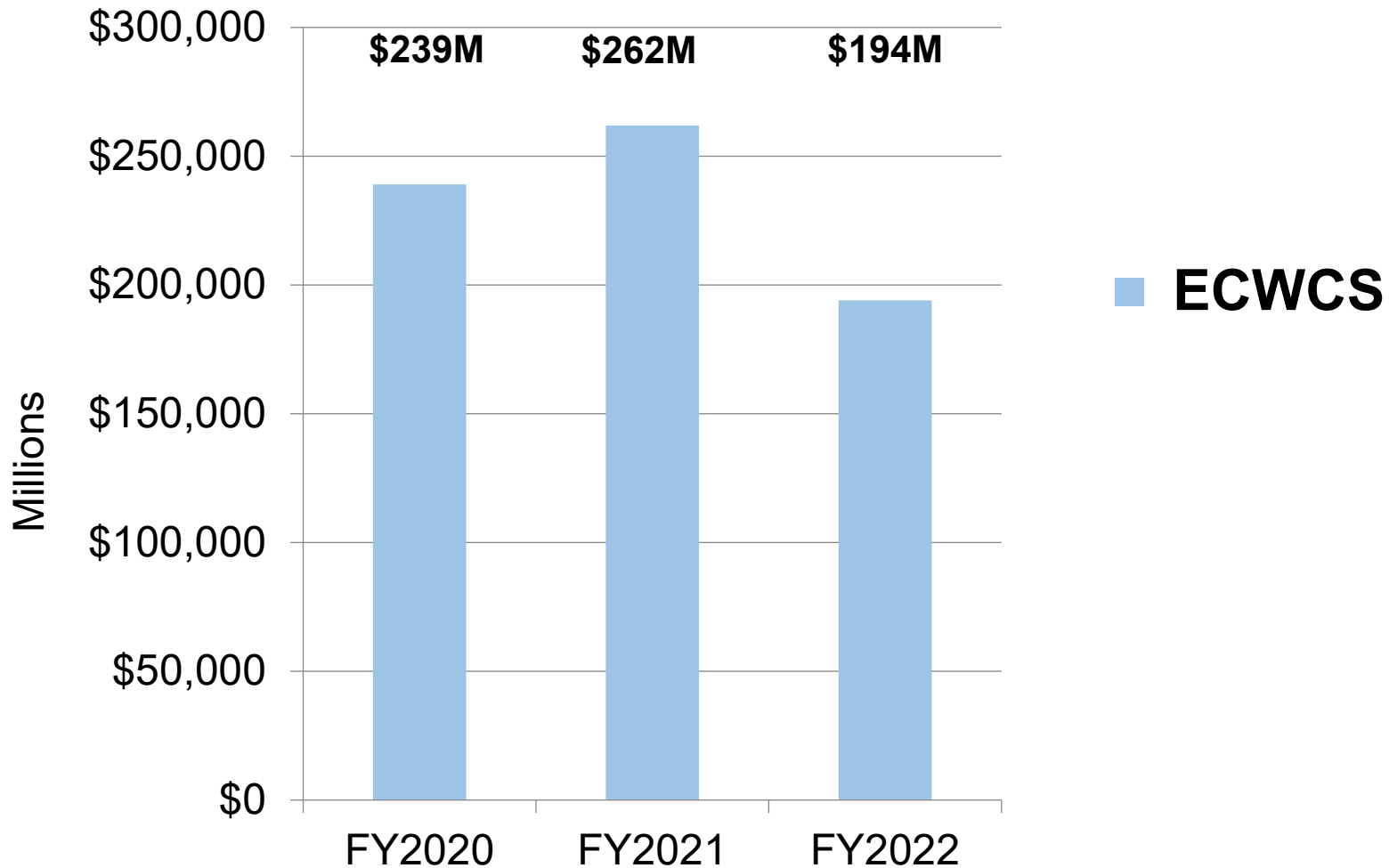


# ECWCS Sales FY2020 – FY2022





# ECWCS Obligations FY2020 – FY2022







# Upcoming Opportunities

ITEM	STRATEGY	EST. CONTRACT LENGTH	MIN / MAX	EST. ISSUE DATE	BUYER
Layer 6 Jacket	Total Small Business Set-Aside	12 Month Base + 4 Option Terms	Min 35,712 EA Max 178,464 EA	FINAL AWARD STAGE	Sue DeMarco
Gen III Layer 7 Parka	TBD	12 Month Base + 4 Option Terms	Min 45,060 EA Max 240,600 EA	FINAL AWARD STAGE	Stefanie Caruso
Satin Cloth	UNRESTRICTED	12 Month Base + 4 Option Terms	Min 8,307 UNITS Max 41,535 UNITS	Re-issued NOV 22	Matthew Everett



# Upcoming Opportunities

ITEM	STRATEGY	EST. CONTRACT LENGTH	MIN / MAX	EST. ISSUE DATE	BUYER
Cloth Laminate	UNRESTRICTED	12 Month Base + 4 Option Terms	Min 15,846 EA Max 79,234 EA	RE- ISSUED OCT 2022	Matthew Everett
Navy Parkas, Type II and III	Total Small Business Set- Aside (2 Lots)- 50%	12 Month Base + 3 Option Terms	Min 7,002 EA Max 35,004 EA	June 2022	Miosotis Gonzalez
Parka, APECS, MARPAT, Type II, Class 1- Woodland	Total Small business Set Aside	12 Month Base + 4 Option Terms	Min 5,100 EA Max 25,500 EA	NOV 2022	Miosotis Gonzalez



# Upcoming Opportunities

ITEM	STRATEGY	EST. CONTRACT LENGTH	MIN / MAX	EST. ISSUE DATE	BUYER
Midweight Undershirts	Mandatory	12 Month Base + 4 Option Terms	Min 35,712 EA Max 178,464 EA	JAN 2023	Stefanie Caruso
Midweight Drawers	Mandatory	12 Month Base + 4 Option Terms	Min 15,750 EA Max 97,500 EA	JAN 2023	Stefanie Caruso
Knit Cap Watch Navy	Mandatory	12 Month Base + 4 Option Terms	Min 45,060 EA Max 240,600 EA	Nov 2022	Tiffany Taylor



# Upcoming Opportunities

ITEM	STRATEGY	EST. CONTRACT LENGTH	MIN / MAX	EST. ISSUE DATE	BUYER
Balaclava Hood	Mandatory	12 Month Base + 4 Option Terms	Min 60,300 EA Max 301,400 EA	Dec 2022	Stefanie Caruso



# Reminders

- Review Suppliers Performance Risk System score-SPRS (formerly PPIRS) at <https://www.sprs.csd.disa.mil/> **REGULARY**. If there is a discrepancy with your score, contact Tim Atwell at [timothy.atwell@dla.mil](mailto:timothy.atwell@dla.mil)) to seek resolution for any discrepancies.
- Fill out the clauses in the solicitation in its entirety. Non-compliance may result in rejection of offer and removal from competition.
- Do not pull PDMs from production.
- When test reports are required, read through the reports to insure they correctly match the solicitation.
- Start reviewing the technical specifications at the Market Research stage. Request for standards and patterns in advance through the repository at <http://www.dla.mil/TroopSupport/ClothingandTextiles/SpecRequest.aspx>
- Ensure your System for Award Management (SAM) registry is up-to- date and active.
- Ensure you have long term agreements with your subcontractors and suppliers prior to submitting a proposal.





# Reminders

- Be ready for the Government to award on initial offers. Provide your best price/proposal up front. Review historical information on DLA Internet Bid Board System (DIBBS) or simply ask the contracting officer.
- Delivery Schedules
  - Report delays in advance so we can plan accordingly.



# Team Points of Contact

NAME	TITLE	EMAIL
Roxane Owen	Supervisor/Contracting Officer	<a href="mailto:Roxane.owen@dla.mil">Roxane.owen@dla.mil</a>
Sue DeMarco	Contracting Officer	<a href="mailto:Susan.DeMarco@dla.mil">Susan.DeMarco@dla.mil</a>
Stefanie Caruso	Contract Specialist	<a href="mailto:Stefanie.Caruso@dla.mil">Stefanie Caruso@dla.mil</a>
Miosotis Gonzalez	Contract Specialist	<a href="mailto:Miosotis.Gonzalez@dla.mil">Miosotis.Gonzalez@dla.mil</a>
Patricia Lyles	Contract Specialist	<a href="mailto:Patricia.Lyles@dla.mil">Patricia.Lyles@dla.mil</a>
Tiffany Taylor	Contract Specialist	<a href="mailto:Tiffany.Taylor@dla.mil">Tiffany.Taylor@dla.mil</a>
Matthew Everett	Contract Specialist	<a href="mailto:Matthew.Everett@dla.mil">Matthew.Everett@dla.mil</a>
Linda Cioppapape	Contract Specialist	<a href="mailto:linda.cioppa-pape@dla.mil">linda.cioppa-pape@dla.mil</a>



**Project Manager  
Soldier Survivability**

**PRECISION  
is the Standard**

*Every Ounce Matters, Every Bullet Counts*

**Product Manager  
Soldier Clothing and Individual Equipment  
Joint Advanced Planning Brief to Industry  
*Environmental Protection Clothing Session***

LTC Naim Lee  
Product Manager, SCIE  
naim.r.lee.mil@army.mil

16-17 November 2022

Mr. Warren Clare  
Deputy Product Manager, SCIE  
warren.c.clare.civ@army.mil





# Cold Weather Sleep Mat



- **Path Forward:**

- 1QFY23: Continuing market research
- 2QFY23: Procure initial samples
- 3QFY23: Down-select and purchase Limited User Evaluation (LUE) assets
- Winter 2023-2024: Conduct LUE & chamber testing
- 4QFY24: Provide recommended modifications to the requirement document
- FY25: Transition new solution to Defense Logistics Agency (DLA)

## Desired Performance

Provides maximum insulative properties to support operations with ground temperatures as low as -65°F.

Accommodates 60-inch to 74-inch tall Soldier.

Is compressible to minimize space required for packing.

Will not compress or deflate after a minimum of 4-hour use.

Does not require tools or ancillary equipment to stow or prepare for use.

Is mold, rot, and mildew resistant and has a minimum shelf/storage life of 5 years.

Designed to be prepared for (or removed from) storage while wearing extreme cold weather hand protection

Weighs less than 2lbs.

Is resistant to fuel and lubricant.

Provides sufficient surface friction with sleeping bag material to prevent sliding during sleep.

Is flame resistant





# PdM SCIE Points of Contact



**LTC Naim Lee**  
Product Manager, Solider Clothing and Individual Equipment  
naim.r.lee.mil@army.mil

**Mr. Warren Clare**  
Deputy Product Manager, Solider Clothing and Individual Equipment  
warren.c.clare.civ@army.mil

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## Team Chiefs

**Ms. Suzanna Horner**  
Chief, Systems Engineering  
suzanne.horner2.civ@army.mil

**Ms. Susan McLendon**  
Chief, Quality Assurance  
susan.k.mclendon.civ@army.mil

**Mr. Carl Hannah**  
Chief, Operations & Plans  
carl.r.hannah.civ@army.mil

## Project Officers

**Patricia Gogats**  
Project Officer  
patricia.h.gogats.civ@army.mil

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

## Extreme Weather Team

**Mr. Alejandro Silva**  
Acquisition Support  
alejandro.a.silva.ctr@army.mil

**Mr. Francis Crotty**  
System Acquisition Manager  
francis.m.crotty.civ@army.mil

**Mr. Robert Drown**  
Project Engineer  
robert.e.drown.civ@army.mil

## Assistant Product Managers

**CPT Ryan Ogden**  
Extreme Weather Clothing & Equipment  
ryan.s.ogden.mil@army.mil

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

**Mr. Blaise Liess**  
Tactical Soldier Mobility  
blaise.p.liess.civ@army.mil

**CPT Jonathon Waters**  
Personnel Airdrop  
jonathon.m.waters.mil@army.mil



*AFLCMC... Providing the Warfighter's Edge*



# **Combat Read Airman Extreme Cold Operation Clothing System (ECOCS)**

**JAPBI Nov 2022**

**Mr. Donald R. Lee II**  
Clothing & Textile Domain Lead  
COMM: 508-206-3072 DSN: 256-3072  
[donald.r.lee3.civ@army.mil](mailto:donald.r.lee3.civ@army.mil)

Distribution A: Approved for public release



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**ECOCS**



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### Background:

- The ECOCS program will properly protect and equip Ground Airmen performing mission essential duties and survival tasks in extreme cold weather environments (-60°F). This requires a modular, tailorable, scalable environmental clothing ensemble that provides protection from extreme cold weather temperatures and winds while providing the hazard protection while performing specific duties and potential survival situations.

### Plan Forward:

- Evaluate GOTS and COTS garments/clothing systems to see if requirement can be met with existing technologies
- Consider passive and active heating technologies as additional COAs





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# ECOCS



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## Key Attributes:

- **Provide Environmental Protection in an Arctic/Polar Environment**
- **Durable Around Aircraft**
- **Tailorable and Scalable**
- **Allow for Maneuverability**
- **Moisture Management**
- **POL Resistant**



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NAVAL SUPPLY SYSTEMS COMMAND  
NAVY EXCHANGE SERVICE COMMAND

# NAVY SHIPBOARD/FLIGHT DECK FLAME RESISTANT COLD WEATHER CLOTHING SYSTEM

*Presented to:*

## **Environmental Protection Clothing**

Breakout Session, JAPBI 2022

*Presented by:*

## **Seth Eby**

Physical Scientist, Organizational & Protective Clothing Team  
Navy Clothing & Textile Research Facility

17 November 2022



**READY. RESOURCEFUL. RESPONSIVE.**

CUI

Controlled by: Dept of Navy : :  
Controlled by: NCTRF : : : :  
Categories: CTI : : : : : :  
Dissemination: FEDCON : : : :  
POC: Chris Diaz : : : : : :  
508-206-2750 : : : : : :



# Development of Shipboard/Flight Deck Flame Resistant (FR) Cold Weather Clothing System

## Capability Gap

A cold weather clothing system with integrated flame and environmental protection for Navy shipboard and flight deck personnel operating in heavy weather, cold weather, and arctic environments that can be readily procured through the supply system.

**NCTRF is utilizing NAVSUP R&D funding to develop a shipboard/flight deck cold weather clothing system for afloat personnel in cold and Arctic regions that:**

- Is modular and provides flame, cold, wet, and wind protection
- Is easily-procurable and available in the supply system
- Provides a uniform military appearance
- Meets requirements developed and endorsed by the fleet



- Environmental Protection
- Flame and Flash Fire Protection
- Safe for Shipboard and Flight Deck Operations
- Sustainment



### Layered Clothing

- Next-to-skin layer
- Insulation layer(s)
- Protective layer(s)

### Extremity Protection

- Handwear
- Headwear
- Socks



- 2POC shipboard uniform
- Improved shipboard cold weather jacket
- FR coveralls
- Flight deck uniform
- Personal protective equipment
- Safety equipment



- Improved FR and cold protection
- Improved moisture management
- Reduced weight and bulk
- Utilization of intra-service and cross-service commonality



NAVAL SUPPLY SYSTEMS COMMAND  
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## Lightweight & Midweight FR Undergarments

### Scope

Develop Navy specific lightweight and midweight top and bottom that increase cross service commonality. Modular system able to layer together or be worn separate. Developing women's specific patterns based on Navy anthropometric data. Improving fit in order to increase environmental protection while decreasing snag hazard.

### Compatibility

Garments will meet shipboard and flight deck requirements as well as be compatible with existing protective and safety equipment. Layering system will integrate with 2-Piece Organizational Clothing (2POC).

### Status

Garments will be procured in order to conduct a fit assessment for pattern validation prior to large-scale user evaluation.



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# FR Outer Layers

## Scope

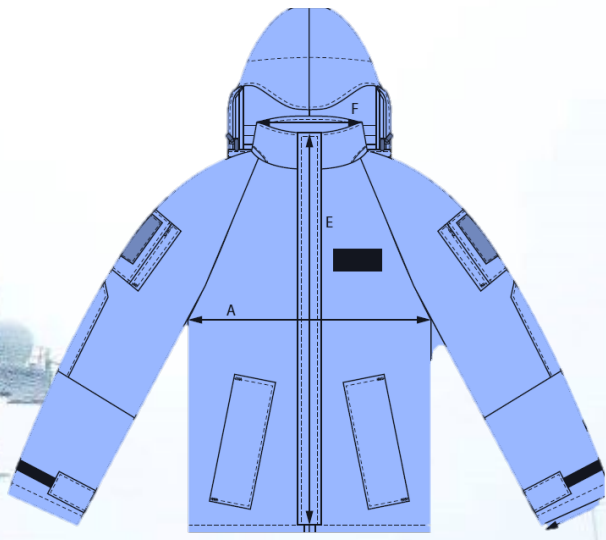
The Cold Weather Jacket product improvement effort is to update materials, add a hood, reduce weight and bulk, and improve integration with 2POC while maintaining or increasing the level of FR and cold protection. Modify FREE EWOL design to fit shipboard and flightdeck operational needs. Update FREE EWOL materials to increase level of FR protection.

## Compatibility

Improved Cold Weather Jacket will integrate with undergarments, 2POC, and coveralls. IWOL jacket will zip into modified EWOL jacket and be compatible with undergarments, 2POC, and coveralls.

## Status

Garments will be procured in order to conduct user and fit evaluations.





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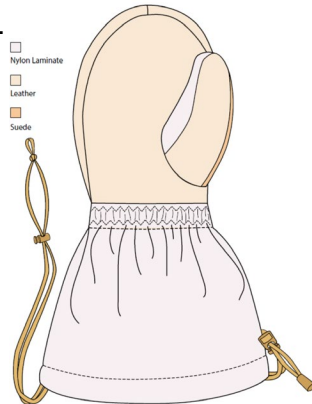
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# FR Accessories



## Scope

Develop FR ECW mitten shell variant of existing government design to incorporate into system of gloves. Develop FR fleece cap to increase FR and cold protection.

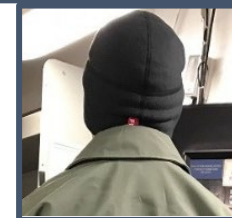


## Compatibility

Mitten shells integrate with ECW flyer's gloves and intermediate CW flyer's gloves. Fleece cap will integrate with existing communication devices and protective equipment.

## Status

Feedback on garments will be received during fit and user evaluations.



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## Industry Partnership



### Upcoming Opportunities

- Manufacture of improved shipboard cold weather jacket for user evaluation
- Manufacture of lightweight and midweight layers for fit and user evaluations
- Manufacture of IWOL and EWOL garments for fit and user evaluations

### Contact Info

- Chris Diaz, 508.206.2750, [chris.m.diaz.civ@us.navy.mil](mailto:chris.m.diaz.civ@us.navy.mil)
- Seth Eby, 508.206.2755, [seth.d.eby.civ@us.navy.mil](mailto:seth.d.eby.civ@us.navy.mil)

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