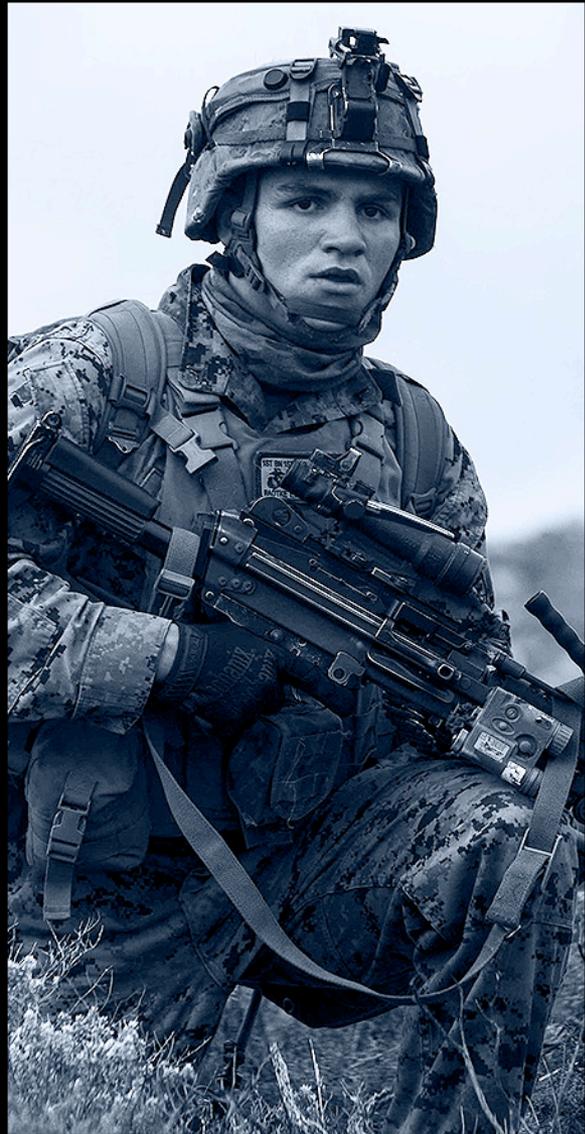




DEFENSE LOGISTICS AGENCY

THE NATION'S COMBAT LOGISTICS SUPPORT AGENCY



**DLA Troop Support
Clothing & Textiles
[IST]**

Extended Cold Weather
Clothing Systems (ECWCS)





Field Clothing Division



Lisa Marie Vivino
Division Chief - FQA

Rachel Ganaway
FQAB – Battle Dress Uniforms

Vacant
FQAC - Accessories

Scott Kromis
FQBA – ECWCS

Evan Eisenberg
Donna Streibich
Roxane Owen
Contracting Officers

\$369M in Sales FY19 (thru Sept)

\$131M in Sales FY19 (thru Sept)

\$266M in Sales FY19 (thru Sept)

- Evan Eisenberg (KO-Unlimited)
- Joseph Parker
- Mark McClernan
- Michael Baron
- Philip Ward (PACER)

- Donna Streibich (KO-\$100M)
- Dirk Smart (KO – SAT)
- Mimi Pham (KO – SAT)
- Marcia Henson
- Rachel Piecyk (PACER)
- Vincent Davis (PACER)

- Roxane Owen (KO-\$10M)
- Antoinette Ouattara (KO-\$500K)
- Susan DeMarco
- Miosotis Gonzalez-Figueroa
- Stefanie Caruso
- Patricia Lyles
- Tiffany Taylor (PACER)
- Blaine Jackson (PACER)



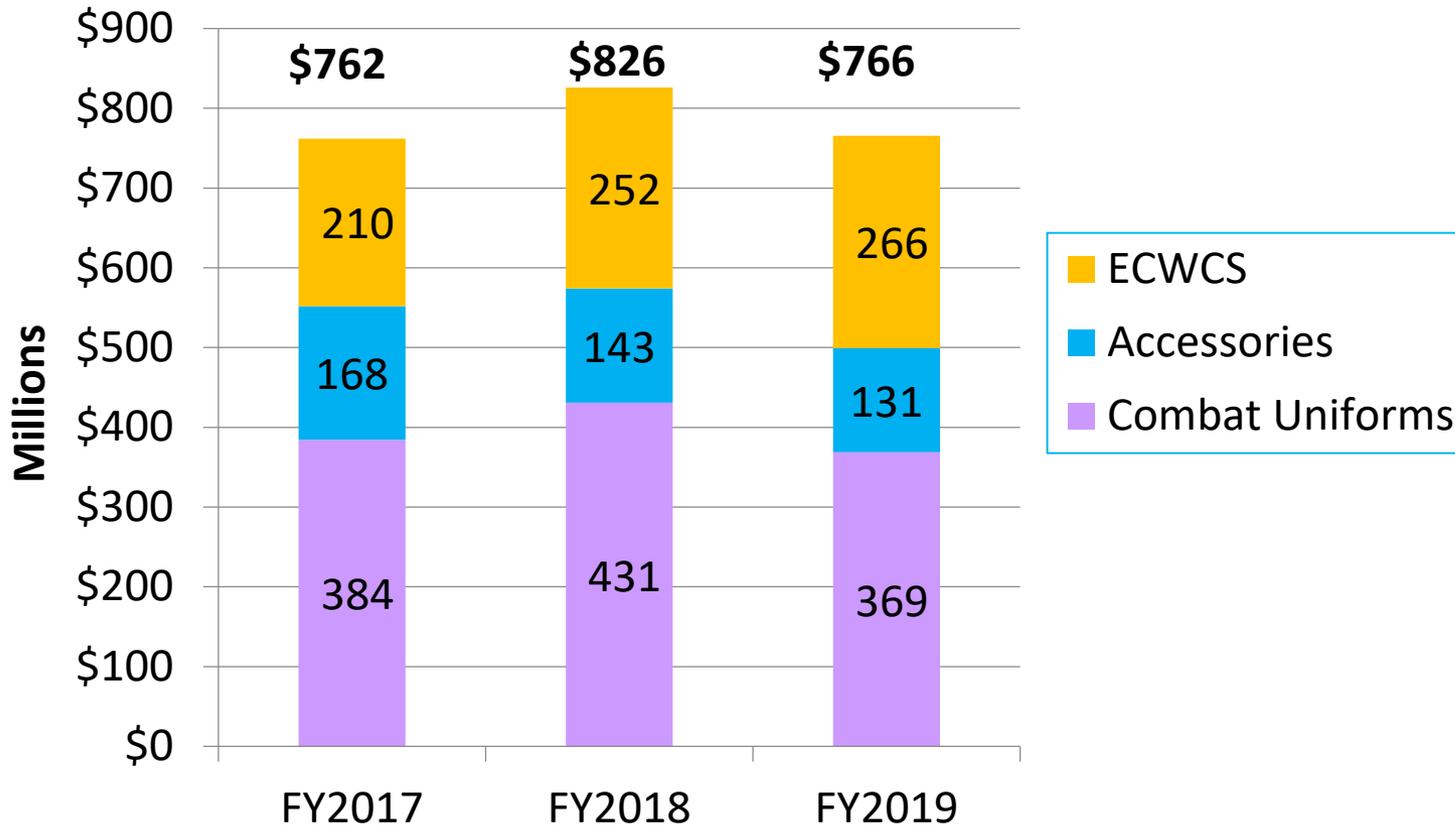
Division Points of Contact



Name	Team	Title	E-mail
Lisa Marie Vivino	Field Clothing	Division Chief	LisaMarie.Vivino@dla.mil
Rachel Ganaway	Battle Dress Uniforms	Supervisor	Rachel.Ganaway@dla.mil
Vacant	Accessories	Supervisor	
Scott Kromis	ECWCS	Supervisor	Scott.Kromis@dla.mil
Evan Eisenberg	Battle Dress Uniforms	Contracting Officer	Evan.Eisenberg@dla.mil
Donna Streibich	Accessories	Contracting Officer	Donna.Streibich@dla.mil
Roxane Owen	ECWCS	Contracting Officer	Roxane.Owen@dla.mil



Field Clothing – Sales FY2017-FY2019





Program Overview



- C&T ECWCS Team sales exceeded \$200 M per year since FY 17
- ECWCS Team manages over 40 cold weather items
- Past Sales
 - FY 17 Sales: \$210M
 - FY 18 Sales: \$252M
 - FY 19 Sales: \$266M
- Backorder Dollars are down by 29%



Obligations



- Obligations - FY19 \$352 M vs. \$338 M Planned
FY20 forecast \$239 M

Prior Year Obligations

FY 17 – \$179 M

FY 18 – \$262 M



Open Procurements



- PGC: 00016 – Cold Weather Parka
SPE1C1-19-R-0142 (Competitive),
Min/ 3,500 pkg. Max: 52,500 pkg.
Target Award Date: February 2020
Small Business Set-Aside
- PGC: 00016 – Cold Weather Parka
SPE1C1-19-R-0143 (UNICOR),
Min/ 3,500 pkg. Max: 52,500 pkg.
Target Award Date: February 2020



Open Procurements



- PGC: 00103 – Marine Corps Parka
SPE1C1-19-R-0128,
Base Term and Two Option Terms:
Min/ 3,000. Max: 15,000.
Target Award Date: January 2019
Small Business Set-Aside



Upcoming Opportunities



- MC MW shirts (likely mandatory)

AEQ – 40,000

Issue November 2019

TAD February 2020

- MC MW drawers (likely mandatory)

AEQ – 40,000

Issue November 2020

TAD February 2020

Fleece Caps (likely mandatory)

Issue April 2020

AEQ – 400,000

TAD October 2020



Upcoming Opportunities



Lightweight exposure Suit Parkas (MC level 5 - similar to layer 6 for Army/AF) To be issued by end of November – Annual Estimated Quantity – 3,180 TAD April 2020

MC/Navy Trousers – TAD June 2020 Expected Issue Date: December 2019 Annual Estimated Quantity – 16,000
TAD: July 2020



Upcoming Opportunities



Combined Acquisition To be issued by end of November TAD –
APR 2020

Layer 7 (Army/AF Parkas) – 30k – 60k

LWES Trousers Annual Estimated Quantity: 3180

MC Extreme Cold Weather Parka (similar to layer 7 Army/ AF)
Annual Estimated Quantity: 4600

MC Extreme Cold/Wet Weather Trousers Annual Estimated
Quantity: 4500



Upcoming Opportunities



Flame Resistant Environmental Ensemble (FREE)

Ability One – RFAs targeted to be issued December or Sooner –

Expected to be mandatory TAD APR 2020

- Extreme Weather Outer Layer (EWOL) Parkas AEQ 46,200
- EWOL Pants AEQ 48,120
- Base Layer (2) Undershirts AEQ 65,850



Upcoming Opportunities



- MW Undershirts Mandatory TAD November 2020
Solicitation expected May 2020 To be split among Various mandatory sources Total AEQ 450,000

- Mid – Weight Drawers Mandatory TAD November 2020
Solicitation expected May 2020 To be split among Various mandatory sources Total AEQ 4500,000



Other Topics



- Other topics relevant to industry...
- FREE Items have had erratic demands.
- High Visibility – Geo Political Events/OCP Transition
- Seam Sealing
- Berry Amendment
- Layer 7 has had significant increase in demand



Team POCs



- Antoinette (Toni) Ouattara Contracting Officer/Acquisition Specialist – 215-737-5660
- Stefanie Caruso – Acquisition Specialist – 215-737-7231
- Susan De Marco – Acquisition Specialist – 215-737-5247
- Miosotis Gonzalez – Acquisition Specialist – 215-737-5086
- Patricia Lyles – Acquisition Specialist – 215-737-3294
- Tiffany Taylor – Acquisition Specialist – 215-737-3582
- Blaine Jackson – Acquisition Specialist – 215-737-2832

Technical Team

- Dan Carman, Le Nita Mccoy, Stephen Swartz,
Robert Fitzgerald



WARFIGHTER FIRST



**Project Manager
Soldier Survivability**

**PRECISION
Is the Standard**

Every Ounce Matters, Every Bullet Counts

Product Manager Soldier Clothing and Individual Equipment (PM SCIE)

Environmental Clothing Update for the Joint Advanced Planning Brief to Industry

7 November 2019

Lester Smith
Program Officer
Soldier Clothing and Individual Equipment
lester.j.smith.civ@mail.mil



Extended Cold Weather Clothing System (ECWCS)



Where We Are:

- Legacy system meeting Army requirement
 - Areas for Improvement:
 - Reduce bulk and weight
 - Reduce number of layers where possible

Where We Are Going:

- Fit (reduced bulk/weight) – Working with Industry to develop novel material solutions that provide the same cold weather protection with less bulky/lighter materials.
- Working to combine/reduce layers
- Estimated transition to a new cold weather clothing system FY25



U.S. ARMY COMBAT CAPABILITIES DEVELOPMENT COMMAND

Cold Temperature and Arctic Protection System

Kate Young

Textile Technologist

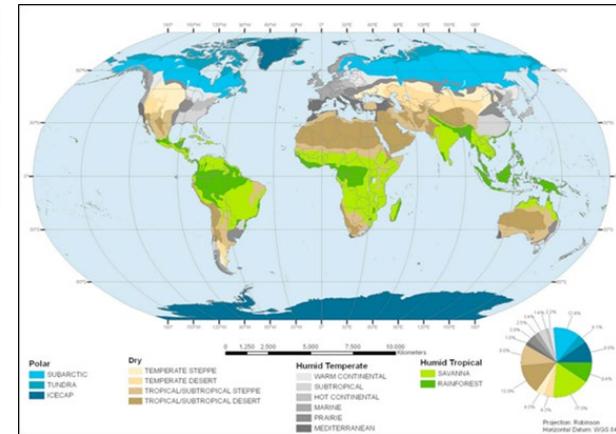
CCDC Soldier Center



COLD / EXTREME COLD WEATHER CLOTHING PROGRAM – OVERVIEW



Effort	Acronym	Objective	Scope
RACE-A	Regionally Aligned Combat Ensemble - Arctic	<ul style="list-style-type: none"> • Lab-based research • Will develop analytical tools to assist in defining Soldier protection needs based on regional / climatic operational environments • Material and design support to CTAPS 	Clothing
CTAPS	Cold Temperature and Arctic Protection System	<ul style="list-style-type: none"> • Field-based application • Will assess current cold weather clothing to identify capability needs, inform acquisition requirements, and develop innovative cold weather ensembles 	Footwear Handwear Headwear Clothing

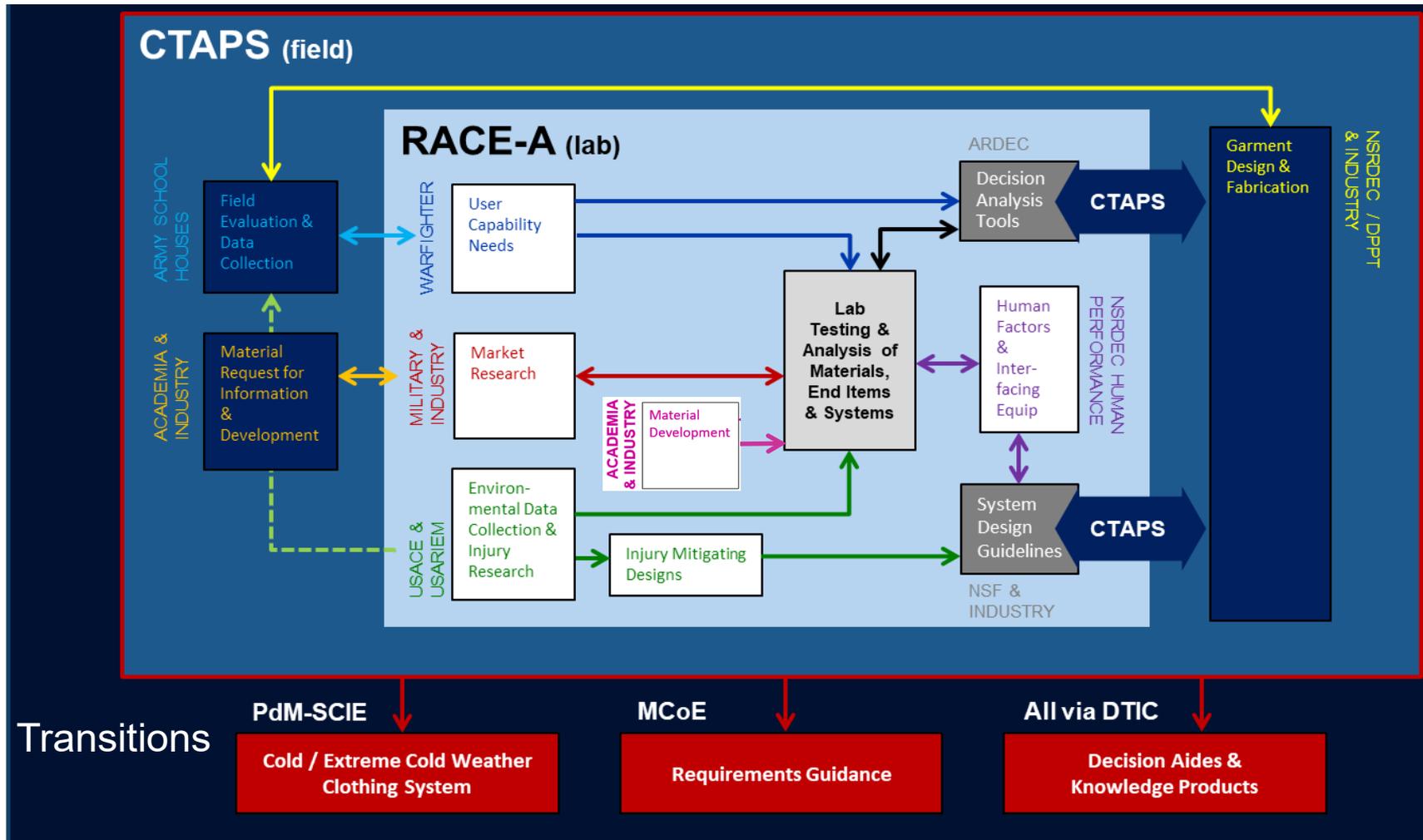




COLD / EXTREME COLD WEATHER CLOTHING PROGRAM



TECHNICAL/EXPERIMENTAL APPROACH:





COLD TEMPERATURE & ARCTIC PROTECTION



- Cold Temperature and Arctic Protection System is research effort of Combat Capabilities Development Command-Soldier Center in Natick, Massachusetts in collaboration with Product Manager-Soldier Clothing, Individual Equipment and Maneuver Center of Excellence.
- Areas identified for improvement were: material durability of Soft Shell-Level 5 of ECWCS, moisture management throughout, reduction of weight/bulk where possible, integration with body armor.
- Prototype designs based on Regionally Aligned Combat Ensemble-Arctic (RACE-A) data output and Subject Matter Experts Design Review
 - Material selection from RACE-A data analysis from materials received from but not limited to Request for Information (RFI) for CTAPS in 2017.
 - Design features based on feedback from Subject Matter Experts of various cold weather operations from meeting held consecutively for 3 years in May at Combat Capability Development Command-Soldier Center (CCDC-CS) in Natick, MA.



FIELDING LOCATIONS



From 2017-2019: Locations included Joint Base Elmendorf-Richardson (JBER), Northern Warfare Training Center (NWTC), Ft. Wainwright, Ft. Greely in Alaska, Army Mountain Warfare School (AMWS) in Vermont, and Ft. Drum in upstate New York.



Cold/Wet-Upstate New York, Washington, & Vermont
Cold/Dry-Alaska





CLOTHING ITEMS EVALUATED TO DATE



FY2017 Base Layer –

Incorporated No Melt, No Drip (NMND) for Next-to-Skin.



CTAPS Prototype Evaluation Base Layer

BL1 Current Army Extended Cold Weather Clothing System (ECWCS)
100% Polyester

BL2 Army Flame Resistant Environmental Ensemble (FREE)
97% Nomex/3% Spandex

BL3 Marine Corps Flame Resistant Organization Gear (FROG)
78% Modacrylic/22% FR Rayon

BL4 Small Business Innovation Research (SBIR) Wool
88% Wool/12% Nylon





CLOTHING ITEMS EVALUATED TO DATE



FY2018 Soft Shell, Commercial-Off-The-Shelf(COTS) Light Insulation, Armor Interfacing Garments





CLOTHING ITEMS EVALUATED TO DATE



FY2019 Small Subset of SBIR Cold/Wet Weather Jacket and Extreme Cold Weather Parka & Trouser





UPCOMING CLOTHING ITEMS TO BE EVALUATED



FY2020 Ensemble Evaluation of Base Layer, Lightweight Insulation, Soft Shell, Cold Wet Weather, and Extreme Cold Weather layers





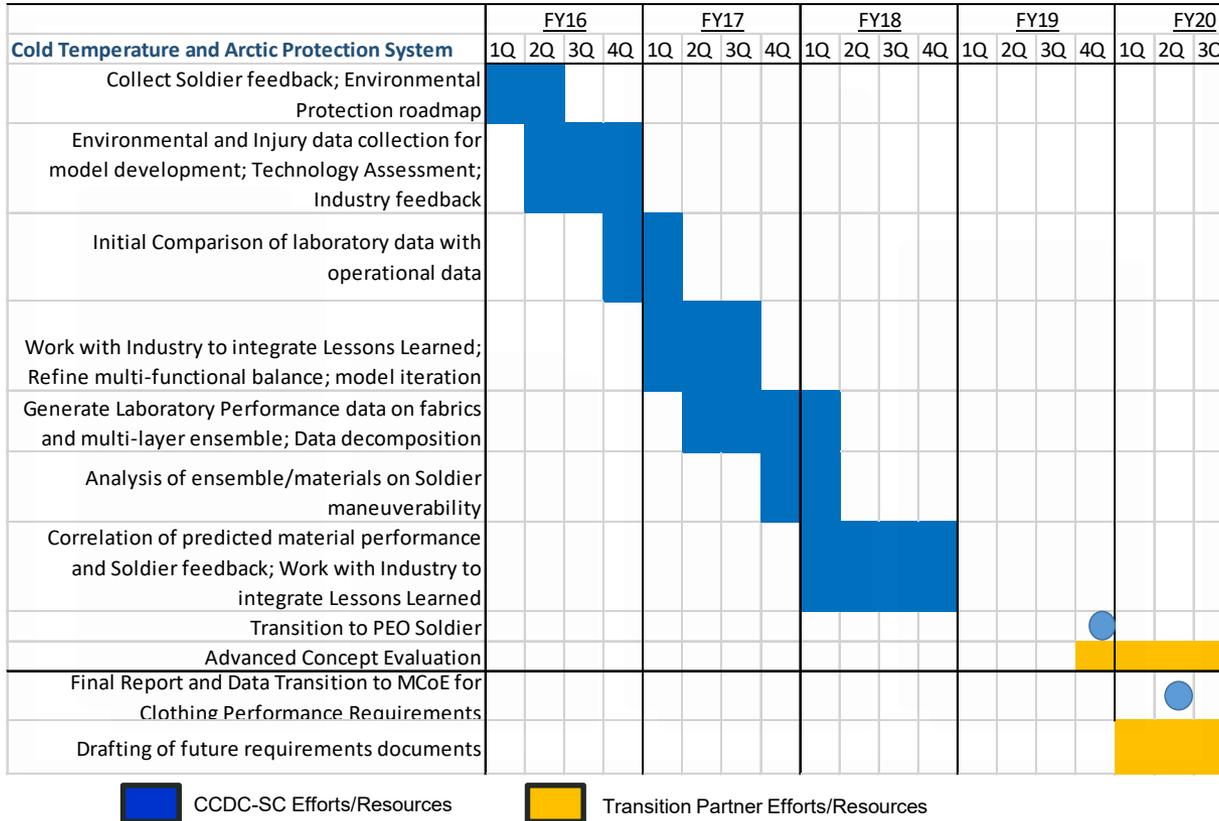
WAY AHEAD



- Evaluation of items will provide data that will determine material increased performance, utility, and compatibility with Personal Protection Equipment and Other Clothing Individual Equipment compared to current system.
- Novel material development will be pursued for appropriate cold weather layers as determined from needs described from Soldier evaluations.
- Inform requirements with material and design inputs for transition to Product Manager for a cold weather ensemble.



CTAPS SCHEDULE





QUESTIONS



COLD TEMPERATURE AND ARCTIC PROTECTION SYSTEM (CTAPS)



Contact Info:

CTAPS: Kate Young, 508-206-3796, kate.c.young.civ@mail.mil

RACE-A: Kristine Isherwood, 508-206-, kristine.d.isherwood.civ@mail.mil

HANDWEAR: Rob Drown, 508-206- robert.e.drown.civ@mail.mil

HEADWEAR: James Murdock, 508-206-3152, james.a.murdock28.civ@mail.mil

FOOTWEAR: Mary Armacost, 703-805-8551, mary.b.armacost.civ@mail.mil



BACK-UP



COLD WEATHER ITEMS EVALUATED BY YEAR



Beginning 2016

Solider feedback gathered on current Extended Cold Weather Clothing System (ECWCS) & Fire Resistant Environmental Ensemble (FREE).

Examples of areas identified for improvement were: Handwear and Footwear address temperature range gaps, material durability of Soft Shell-Level 5 of ECWCS, reduction of weight/bulk in other layers.

Winter 2016-2017

Evaluation of Commercial Off-The-Shelf/Government Off-The-Shelf (COTS/GOTS) handwear with Cadre (Vermont and Alaska), GOTS Base Layer with Cadre(VT & AK) and Infantry (Ft. Drum). Also included was a Soldier Enhancement Program (SEP) for Mukluks.

Winter 2017-2018

Evaluation of COTS and GOTS for active-to-static movement, softshell uniform configuration, headwear(cap & neck gaiter), and cold weather combat boot.

Winter 2018-2019

Evaluation of wet-weather and extreme cold weather uniform configurations, headwear (balaclava), socks, and overboot.