



AAFA Brief

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 - Projects
- Personal Ballistic Protective Equipment
- Flame Resistant Organizational Gear (FROG)
- Cold Weather Layering System
- Hot Weather/Temperate Weather Boots
- Rugged All Terrain Boot
- USMC Dress Blues
- PT Running Suit
- WEBSITE
- Questions



Our Mission



Program Manager Infantry Combat Equipment (PM ICE) is the total life cycle manager for all Marine Infantry Combat Equipment and is responsible for developing, fielding and sustainment of ICE to enhance the performance, capability, survivability and mobility of Marines.





PM ICE Organization



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PM ICE Active Projects



Combat, Cold Weather and Dress Clothing

- Flame Resistant Organizational Gear - clothing and textiles that prevent burn injuries
- Footwear, Hot & Temperate Weather
- All Purpose Environmental Clothing System (APECS)
- Combat Desert Jacket (CDJ)
- Cold Weather Clothing
 - Glove System
 - Winter Camouflage Over-Garment
 - Rugged All Terrain Boot Layering System
- Certification of all clothing & optional items
- Improved Undergarments and PT Trunks
- Accessories: Streamers, Flags, etc.
- Sea Bag Items
 - Running Suit (new)
 - Dress Blues (added)
 - Khaki Shirt (improved)

Individual Armor and Load Bearing

- Family of Ballistic Protection (OTV, MTV, E-SAPI, S-SAPI, LWH, NAPE, Goggles, Spectacles)
- Cooling Vest
- Family of Load Bearing Equipment
 - Individual Load Bearing Equipment (ILBE)
 - Pouches
- Full Spectrum Battle Equipment (FSBE)
- Non-Destructive Testing
- Water Purification
- Flame Resistant materials for ballistic protection systems
- Next Generation Ballistic Protection
- Helmet Sensor

Support Equipment & Mountain Cold Weather

- Combat Field Feeding Systems
 - Tray Ration Heating System (TRHS)
 - Enhanced Tray Ration Heating System (ETRHS)
 - Field Food Service System (FFSS)
 - FFSS Bus Duct
 - Food & Beverage Containers
 - Expeditionary Field Kitchen (EFK)
- Mountain Cold Weather Equipment
 - Skies, Snowshoes
 - Marine Assault Climbers Kit (MACK)
 - Sleep System (3 seasons)
 - Sleep Mat (self inflating)
- General Property Support Equipment
 - Enhanced Bed Net System
 - MARPAT Poncho Liner
 - Family of Flashlight
 - Individual Flashlight/UHIMIS
 - Field Tarps/Breachers Kits/
 - Knee & Elbow Pads
 - Martial Arts Kits
 - Waterproof Bag



Current Ballistic Protection for Marines



Modular Tactical Vest (MTV)



Side-Small Arms Protective Inserts (S-SAPI)



E-SAPI Front/Back Plate



Scalable Plate Carrier





Current Ballistic Protection for Marines (Continued)



Ballistic Eyewear



Lightweight Helmet (LWH)



QuadGard



*Combat Arms Earplugs
(Ballistic Hearing Protection)*





Flame Resistant Organizational Gear (FROG I and II)



FROG I

Nomex Gloves



Balaclava



*Long Sleeve
FR Undershirt*



FROG I – Initial fielding

FROG II

*Combat Shirt &
Trousers*



Fielding began APR 07



Flame Resistant Organizational Gear R&D Efforts



FROG Gloves

- Nomex and FR leather
- More durable and better dexterity vs. flyers gloves



Future R&D Focus: PBI Gold

- Improved FR protection

FROG Balaclava

- Recently transitioned to PBI Gold



← Modacrylic

PBI Gold →



FROG Combat Ensembles

- Inherently FR fiber blends (FR rayon modacrylic*, Nomex)
- Lighter and more comfortable than CVC coverall



Future R&D Focus

- Improved design and FR protection

* Only fiber is not domestic. All subsequent processes are domestic.

FROG Long-Sleeve T-Shirts

- Modacrylic fiber blend



Future R&D Focus

- Improved design and comfort



FROG Expansion



- **Program Objectives**
 - Continue Spiral Development of all FROG assets
 - Explore development of additional FR items to provide protection from environmental conditions
- **Components – Potential additional components include:**
 - FR cold and wet weather outer garments
 - FR cold weather layering systems





Cold Weather Layering System



Underwear, Next-to-skin, Cold Weather



**Underwear, Grid Fleece,
Mid-Weight, Cold Weather**



**Jacket, Windpro Fleece,
Cold Weather**



**Extreme Cold Weather Parka,
Trouser, and Bootie (Happy Suit)**



**USMC Extreme Cold Weather (ECW)
Mitten System**



Lightweight Exposure Suit



Hot & Temperate Weather Boots



- Enhanced outsole
- Increased durability
- Performance based down select
- Award date Aug 2008





Rugged All Terrain (RAT) Boot



- Supports future deployments to mountainous weather environments
- Item not currently in the DOD supply system
- Adding Speed Laces and EGA
- Recently supported 24 MEU and 2/7





Marine Corps Dress Blues



Description

- This initiative is in response to guidance from the Commandant of the Marine Corps (CMC) for the addition of the complete Dress Blue Uniform to the seabag for Male and Female Marines. CMC's direction is that all Marines, both Active duty and Reserve forces will be required to own the Dress Blue Uniform by 1 October 2011.

Acquisition Strategy

- All Dress Blue items will be acquired by DSCP, the sustaining agency as in prior years. Quantity levels will be adjusted to the new requirements.
- PM ICE will be part of all acquisitions in the future.

Fielding Schedule

- 12 Male Dress Blue Items required by FY08 (3 months supply).
- 9 Female Dress Blue Items required by FY08 (3 months supply).
- Recruit Depots will have first priority for all Male and Female Dress Blue stocking requirements.

Sustainment Concept

- PM ICE has monitored DSCP stock levels monthly to assure seabag introduction is on schedule for FY08.
- PM ICE has promoted manufacturers to get certified on our Service "A" coat in order to facilitate streamlined procurements for DSCP. This action will insure production availability if the present Dress Blue Coat manufacturer cannot sustain both coats.



Marine Corps Running Suit



Program

- Produced by: New Balance
- Acquisition Objective: 364,000 sets
- One time initial issue to all Marines

Background

- Project directed by Commandant of the Marine Corps (CMC)
- Comprised of a jacket and matching pant suitable to wear for training or on liberty.
Current t-shirts, shorts, sweatshirt and sweatpants will remain in the sea bag.

Features

- Moisture management
- Reflectivity
- Antimicrobial lining
- Breathable
- Quick drying
- Water resistant





PM ICE Website



<http://www.marcorsyscom.usmc.mil/sites/pmice/default.asp>



MARINE CORPS SYSTEMS COMMAND

Combat Equipment & Support Systems (CESS)
Program Manager, Infantry Combat Equipment





PROGRAM MANAGER INFANTRY COMBAT EQUIPMENT FIELDS, SUSTAINS, AND ASSESSES CLOTHING AND EQUIPMENT WHILE ANTICIPATING THE NEEDS OF AND MAINTAINING CONTACT WITH THE OPERATING FORCES IN ORDER TO ENHANCE THE PERFORMANCE, CAPABILITY, SURVIVABILITY, MOBILITY, AND SUSTAINABILITY OF MARINES.

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ITEMS OF INTEREST:
MTV TRAINING GUIDES: [PERIOD OF INSTRUCTION](#) | [INSTRUCTION CARD](#) | [COMMERCIAL MANUAL](#) | [REQUEST TRAINING](#) | [COMPONENT LIST](#)
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