



**MARINE CORPS SYSTEMS COMMAND**  
*Equipping our MARINES*



# **Program Manager Infantry Combat Equipment JAPBI**

**5 November 2020**



## **Mission.**

Field individual equipment to Marines enabling them to accomplish their mission in every clime and place.

## **Vision.**

To deliver the most capable equipment, at the right time, to provide the Marine an advantage over the enemy in combat effectiveness and lethality.

## **Objectives.**

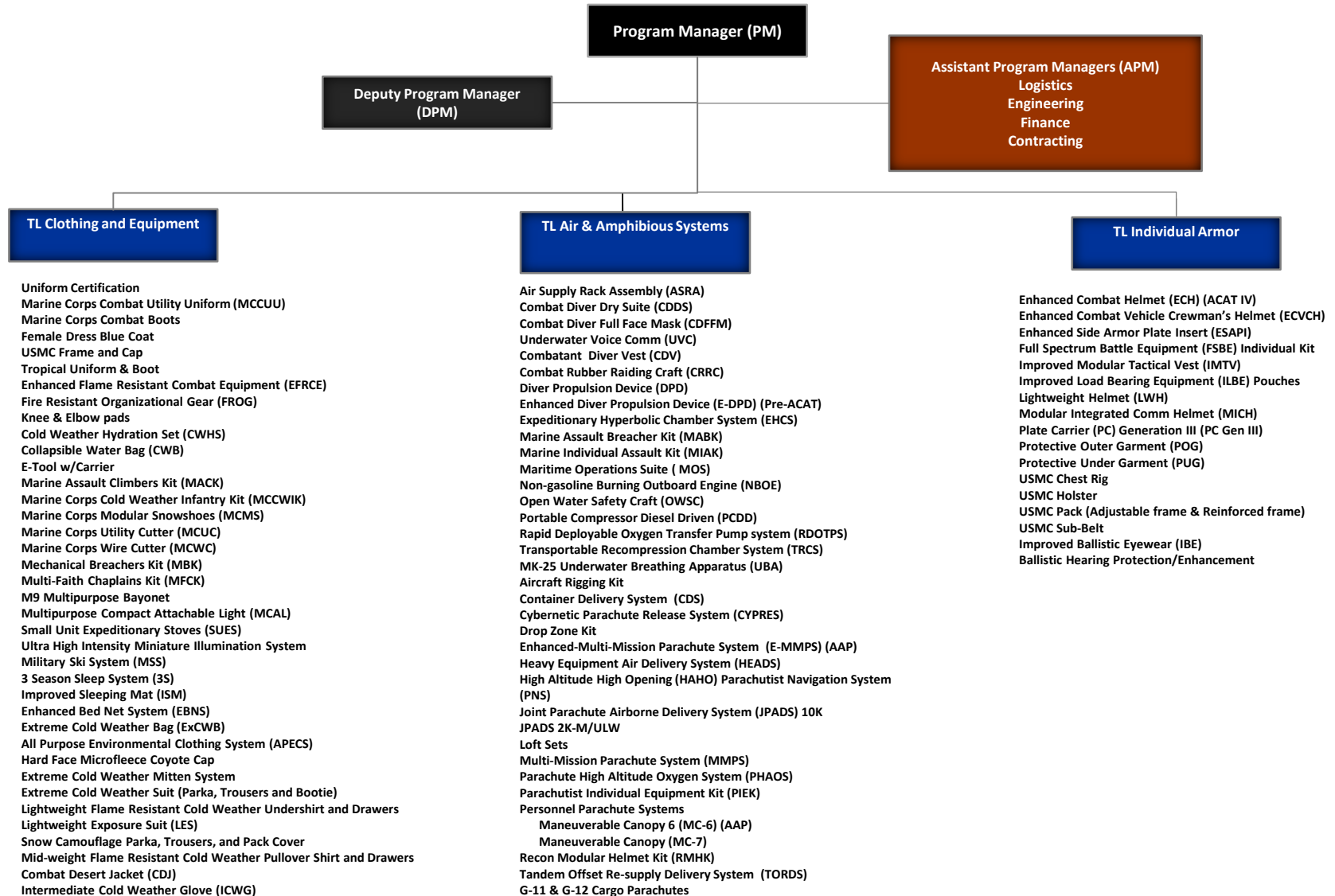
1. Lighten the burden on the Marine. Reduce the load and logistics footprint.
2. Integration of equipment across the PM/PfM, MCSC, and other services.
3. Cross coordination across IPTs and program schedules to support fielding at the right time to the right unit.
4. Design and acquire the right products for a better form, fit, and function for the 2% female Marines to the 98% male Marine.



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# PM ICE Organization





## **Areas Where Industry Can Help**

- ▶ **Lighter and more flexible body armor and plates**
- ▶ **Improved suspension system for helmets**
- ▶ **Individual load bearing technologies for dismounted infantry**
- ▶ **Hearing protection / enhancement**
- ▶ **Flame resistant fabrics**
- ▶ **SWIR mitigation**



**CWC Layers:**

- ❑ Product improvements to Level 1 and 2 to improve wicking/moisture transport and drying time
  - Explore mesh underwear for level 1.
  - Explore wool or synthetic for level 2.
- ❑ Product improvement to Level 3 Windpro Fleece for sustainability
  - Improved level 3 that improves moisture transport (wicking), dry time, and insulation – wool or synthetic
- ❑ Level 4 soft shell uniform (with US Army)
  - Quick dry from sweat and precipitation
  - Use in a wet-cold environment.
  - More breathable than APECS
  - Reduces sweat build up and condensation inside the garment.

**Handwear**

- ❑ Intermediate Cold Weather Glove
  - Government Design
  - Evaluated Jan-Mar 20
  - Transition to DLA (FY21)
  - Army interest



- ❑ Extreme Cold weather Mittens
  - Government Design
  - Evaluated Jan-Mar 20
  - Transition to DLA (FY21)
  - Added trigger finger



**Headwear**

- ❑ Balaclava - open face balaclava design to improve drying time, warmth, and wind protection



- ❑ ECW Cap - capability gap of an insulated, wind resistant, and highly water resistant headwear item





**Key Milestones**

Event	Date
Release Request for Proposal	1QFY21
Contract Award/Delivery Order 1	2QFY21
Receive prototypes	3QFY21
Testing / Limited User Evaluation (LUE)	4QFY21
Finalize design specification based on Testing and LUE results	4QFY21
Award Delivery Order 2	4QFY21
Authorized possession date - MCRDs receive PTUs for issue	2QFY22
Available for Marine purchase at MCX	3QFY22
USMC Mandatory Possession date	1 Oct 23



**Program Description**

- The PTU is a stand-alone uniform that replaces the current GP trunks and OD synthetic undershirt in order to provide performance fabrics capabilities.
- Updated design and appearance for a more athletic fit.
- PTU will include one physical training (PT) short and one PT shirt.
- Gender neutral, Non-Developmental Item
- Performance fabrics that are: fast-drying, anti-microbial, moisture-wicking
- Reflectivity attributes
- Garrison use only.



Title	Opportunity
<p><b>Topic:</b> Physical Training Uniform (PTU) <b>Description of need:</b> New functional, high-performance fabric PTU that is comfortable, moisture wicking, antimicrobial, and reflective.</p>	<p><b>RFP – Nov 2020</b></p>
<p><b>Topic:</b> Enhanced Combat Rubber Reconnaissance Craft (E-CRRC) <b>Description of need:</b> Replacement for the legacy CRRC with the same mission set and increased capabilities.</p>	<p><b>RFP – Nov 2020</b></p>
<p><b>Topic:</b> Next-Generation Pack <b>Description of need:</b> RDT&amp;E effort to explore new pack and load-carrying equipment to fit the 2nd percentile female to 98th percentile male Marine.</p>	<p><b>TBD</b></p>



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# Questions?

