



# MARINE CORPS SYSTEMS COMMAND

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



## Hydration/Load Carrying Equipment



Individual Armor and Load Bearing Team  
Infantry Combat Equipment, Marine Corps Systems Command  
PMICE@usmc.mil



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## Individual Water Purification System (IWPS)

- **Overall Item Description**

- A system that provides potable water from fresh water and salt water sources.

- **Acquisition Strategy**

- Block IA MIOX Pen and MSR Filter
- Block II Self-Contained System
- Block III Incorporate Block II with Desalinization

- **Current Status**

- Block IA fielding is complete
- Requirement under review
- Individual Purification Unit Remote/Expeditionary (IPURE) RFI released September 2009
  - M67854-09-I-3076
- 18 November 2009 Individual Water Purification System Industry Conference complete



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## Individual Water Purification System (IWPS)



*MIOX Pen  
Block IA*

Requirement Under Review



*Self-Contained  
System  
Block II*



*Desalinization  
Capability  
Block III*



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## Future

- Block II and III requirements are under review.
- Anticipate a change in requirements to broaden the potential material solutions for individual water purification.
- Continuing to review technological advancements.





# Improved Load Bearing Equipment (ILBE)

- **Standard ILBE Pack System**

- Includes:
  - Main Pack
  - Assault Pack
  - Hydration System



- **Reconnaissance ILBE System**

- Includes:
  - Main Pack with Larger Lid
  - Larger Assault Pack
  - Hydration System
  - Sustainment Pouches





# Improved Load Bearing Equipment (ILBE)

- **USMC Chest Rig**

- Government owned load carriage design
- Provides ability to rapidly configure fighting loads and transition between body armor systems
- Developed with the US Army at Natick Soldier Research Development and Engineering Center (NSRDEC)
- Modular Lightweight Load-Carrying Equipment (MOLLE) Purchase Description CO/PD-02-02F dtd 5 Feb 2010 (DRAFT)
- Synopsis posted to NECO and FedBizOps on 24 February 2010



- **Pouches**

- A series of robust, specialized pouches capable of carrying the basic ammunition load required to support and sustain the individual Marine during combat operations
- Fielding of pouches is complete





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## The Future

- **Next Generation Improved Load Bearing Equipment (ILBE)**
  - Continuing to review industry advancements at trade shows and industry days
  - Summer 2010 Field User Evaluation (FUE) of Government owned pack designs
  
- **USMC Chest Rig**
  - RFI released April 2010
  - Anticipate 4<sup>th</sup> Quarter FY10 contract award
  
- **Pouches**
  - Working on sustainment with DSCP and Ability One



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## Industry Days

- Next Individual Armor & Load Bearing Team Industry Days:
  - 19 August 2010
  - 18 November 2010
- If interested in attending please contact us at [PMICE@usmc.mil](mailto:PMICE@usmc.mil)
- Information is also available on the PM ICE Website under “Industry Information” - <http://www.marcorsyscom.usmc.mil/sites/pmice/>





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## PM ICE Website

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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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