



# MARINE CORPS SYSTEMS COMMAND

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



## Hydration/Load Carrying Equipment



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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**

- Fielding Block IA



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## Individual Water Purification System (IWPS)



*MIOX Pen*  
*Block IA*



*Self-Contained*  
*System*  
*Block II*



*Desalinization*  
*Capability*  
*Block III*



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## Future

**Block II requirements are being reworked  
Anticipate another RFI to industry to be issued for a Block II solution**



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## Improved Load Bearing Equipment (ILBE)

- **Standard ILBE Pack System**

- Includes: Main Pack, Assault Pack, and improved Hydration System



- **Reconnaissance ILBE System**

- Includes: RECON Main Pack, Larger Assault Pack, Large external pouches, and improved Hydration System





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## Future

### •Future state of the Family of ILBE

- Maximize load bearing/carriage technology
- Holistic Integration of all individual Marine items
- Non-Mechanical
- Ease of use
- Non-Complicated
- Reduced weight
- Increased durability
- Modular and compartmentalized
- Chest Rig to integrate with body armor

### •Bottom Line: The future technology of ILBE needs to:

- Incorporate all individual Marine equipment*
- Optimize simplicity*

***Lighten the Load***



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# Questions?