



**MARINE CORPS SYSTEMS COMMAND**

**EQUIPPING THE WARFIGHTER TO WIN**



# ***Improved Ballistic Eyewear (IBE)***



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## Improved Ballistic Eyewear (IBE)

- Current ballistic spectacle kit and goggle kit include:
  - Clear and sun lenses
  - Two spectacles, one goggle (spectacle kit includes two frames)
  - Retention strap
  - Anti-fog/lens cleaner drops
  - Case
  - Use and care instruction manual
- Guidance Documentation
  - Operational and Organizational Concept for the Military Eyewear Protection (Change 2) dated December 1, 2010
  - Purchase Description, Military Combat Eye Protection (MCEP) System, dated 16 April 2010
- Member of the Army's MCEP Program Integrated Product Team
  - Leverage Army's Approved Eyewear List (APEL)



## Improved Ballistic Eyewear (IBE) Program Objectives

### Near Term

- Improve the operational effectiveness and suitability of fielded ballistic eyewear in conjunction with increased user acceptance

### Mid Term

- Improve ballistic fragmentation at higher velocities
- Improve scratch resistance

### Longer Term

- Improve fog resistance coatings/films/lens polymers
- Improve variable light (adaptive) transmission capability
- Wider spectrum agile-responsive laser protection



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## Improved Ballistic Eyewear (IBE)



Spectacle



Goggle

## Description

The Improved Ballistic Eyewear (IBE) will replace the currently issued ballistic eyewear. The IBE is designed to protect Marines against sun, wind, dust and ballistic hazards that are common in the battle space. The IBE is fielded as a system, one spectacle and one goggle.

Fielding Start: 4Q FY11

FOC: 4Q FY12

## Programmatics

PM ICE will leverage the Army's Authorized Protective Eyewear List (APEL) to evaluate spectacle and goggle candidates to serve as replacements for the currently issued ballistic eyewear. APEL candidate solutions:

- meet all program requirements
- integrate with a common prescription lens insert
- are COTS items
- currently supported through DLA

## Improvements over the current eyewear

User surveys of infantry battalions returning from Overseas Contingency Operations indicated new protective eyewear is required that provides improved:

- Durability
- Fit
- Comfort



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## PM ICE Website

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

**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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