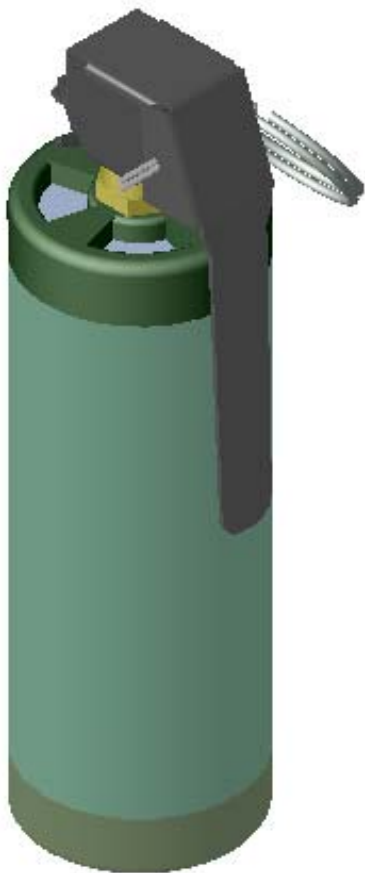




Improved Flash Bang Grenade (IFBG)



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Background

- Flash-Bang Grenade Capability Production Document Signed 11 Feb 2008
 - Increment I – Mk 141 – Removed from Service Use Due to Safety Issues
 - Increment II – BTV-1 – Currently used by USMC
 - Increment III – IFBG – Follow-on Spiral with Increased Capability and Enhanced Safety Characteristics



Mk 141



BTV-1



IFBG Prototype



Project Goals

- **DESCRIPTION:**

- Develop and Procure a Safer, More Effective, Hand-employed Flash-bang Grenade With Greater Light Output That Increases Duration Of Flash-blindness and Generates Debilitating Sound Pressure Levels.
- Removal of Harmful Perchlorates Improves Safety to The Warfighter, and Improves Environmental, Health & Safety Compliance

- **FISCAL YEAR OBJECTIVES:**

- Technical Development and Testing Prototypes
- Early User Assessment
- Milestone B Decision
- Signed Capability Production Document (CPD)
- Initiate Competition for Bid Sample Testing



Development Goals

- Develop and Procure a Flash-Bang Grenade with the following Characteristics:
 - Increased Duration of Human Incapacitation
 - All Human Effects are Reversible – No Permanent Injuries
 - Increase Total Light Output to Increase Duration of Reversible Flash-Blindness (**Threshold = 10 seconds**)
 - Maintain Pressure Levels to Safely Startle / Confuse Target Subjects
 - Elimination of Harmful Perchlorates in Payload. Perchlorates have a Negative Impact on the Environment and the Warfighters that Train with & Use Flash-Bang Grenades



Near Term Schedule

Task, Milestone, or Deliverable	FY08												FY09								
	1 st Quarter			2 nd quarter			3 rd Quarter			4 th Quarter			1 st Quarter								
	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D						
EUA Prototype Development	[Blue bar spanning from start of FY08 Q1 to end of FY08 Q4]																				
Prototype Build				[Blue bar spanning from start of FY08 Q2 to end of FY08 Q4]																	
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MS B																					
Development Contract				[Blue bar spanning from start of FY08 Q2 to end of FY08 Q4]																	
Sources Sought				[Blue bar spanning from start of FY08 Q2 to end of FY08 Q3]																	
Industry Day																					
Source Selection Plan										[Blue bar spanning from start of FY08 Q4 to end of FY08 Q4]											
RFP													[Blue bar spanning from start of FY09 Q1 to end of FY09 Q1]								



Sources Sought Information

- Sources Sought Synopsis was Released on 31 Jan 08. Copies Available today
- AFRL Flash-Blindness & Glare Modeling Publication (Kosnick & Smith, May 2003) Also Available Today (Approved for Public Release, Distribution Unlimited)
- Request for Proposals will be Released in September 08
- Industry Day will be Held in September 08 Immediately after release of the RFP to Clarify Requirements and Evaluation Methods



Questions?

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