Small Arms Industry Perspective

Combat Optics/Fire Control

Brian Lisankie
President, Aimpoint Inc.
• Founded 1975

• World headquarters in Malmo, Sweden

• USA headquarters in Chantilly, VA

• US Defense contractor since 1997

• We manufacture sighting systems

• Increased operator speed and accuracy

• End goal being a higher probability of first shot on target, and faster than the enemy.
M68CCO and Magnifier
Micro T-1
MPS3 Heavy Weapon Sight
M136 AT-4 Sight
FCS12 Fire Control System
FCS12
Advanced Fire Control System

• Measures distance to target, incline angle, and environmental conditions.
• Stores ballistic algorithms for up to 50 different munitions
• Dramatically increases first hit probability
• Proven on Carl Gustav 84mm launcher (M3 MAAWS)
Aimpoint Fire Control System FCS12

- 1550 nm Laser Range Finder
- No moving parts
- Compatible with NVG
- Intuitive user interface
- 6 AA-batteries gives 6 months of operation including 200 firings
- In active use with armed forces in Sweden and Finland
- Under evaluation throughout NATO
- Cost of system less than 10 rounds of 84mm CG ammunition
Automatically compensates for distance, drift, ballistics, propellant temperature and terrain angle and presents revised aiming point.
MK19 and GMG application
FCS12 automatically communicates range information for programming air burst 40mm rounds
Industry Perspective

• Utilize existing inventory of new sights, as well as quantities remaining on existing IDIQ contract to replace previous generations of M68CCO’s with up to date CompM4s sights.

• Units currently have a binary choice to utilize magnified or non-magnified optics. Need to explore and evaluate robust product combinations that can provide both capabilities simultaneously.

• Begin evaluation FCS-12 fire control system for use on Carl Gustav and MK19. Performance enhancement for both weapon systems is extraordinary.

• Continue to build communication between industry & military.
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