

Small Arms Industry Perspective

Combat Optics/Fire Control

Brian Lisankie

President, Aimpoint Inc.

Aimpoint®

- Founded 1975
- World headquarters in Malmö, 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.



F 538





**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.



- Brian Lisankie

brian.lisankie@aimpoint.com

(941)400-1508

- Lennart Ljungfelt

lennart.ljungfelt@aimpoint.com

011 46 70 881 5029 (Sweden +6 hours)