

NSWCDD

Naval Surface Warfare Center, Dahlgren Division



40MM Tactical IR Marker

Light Weapons Branch,
Code G31



Mrs. Kelly Shuttleworth
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40mm Tactical IR Marker FCT Program



- FY05-FY06 FCT Program for 40mm IR Marker and Day/Night Training Cartridge
- Participants
 - US SOCOM-Sponsor/Systems Acquisition Manager
 - NSWC Dahlgren-PM Tactical IR Marker
 - US Army ARDEC-PM Day/Night Training Cartridge
 - NICO Pyrotechnic

40mm IR Marker

Description



- COTS/NDI Currently in Use by Several Countries
- 40mm Low Velocity Cartridge Launched from M203, M79, or EGLM
- Allows SOF to Mark Targets at Night for Coordination of Air and Ground Fires
- NICO's Propulsion Unit and Cartridge Design Provide Capability to Accurately Hit Vehicle Sized Targets at 200 Meters
- Chemical-Illuminescent IR Marking Material is Ejected on Impact with Target
- IR Fill is Emits Light Only in IR Spectrum
- Duration of Mark is Greater than 2 Minutes

**Tactical IR
Marker**

Provides SOF Capability to Mark Targets for Precision Engagements

