Mk 110 Mod 0 / 57mm Naval Gun & Ammunition Certification Process

Lieutenant Timothy Hackett
United States Coast Guard
Deepwater Sponsors’ Representative
Mk 110 Mod 0 / 57mm Naval Gun & Ammunition

Certification Process
Includes:

- Review of Deepwater Program
- Engineering Review
- Logistics Review
- Gun Test Firing
- Ammunition Test
- Teamwork
The Maritime Security Cutter, Large (WMSL) System Performance Specification identifies multiple requirements for limited general defense operations. The requirements include: operating in a low-threat environment, ability to fire warning and disabling shots against targets of interest, engaging surface threats achieving mission kill on high speed coastal patrol craft.
Engineering & Logistics Review

57mm Mk 110 Mod 0 Gun in Test Stand @ Louisville, KY
57mm Gun Test Fire Series

Test firings conducted on the Potomac River Test Range
57mm Ammunition
Ammunition Test
So What Did We Accomplish?

- Complete understanding of the 57mm Gun
- Test Firing of over 2000 Rounds of Ammo
- Coast Guard Gunner’s Mate Integration Test
- USCG / NAVSEA / Industry Teamwork
- Ready to present results to the USN’s Weapon System Explosive Safety Review Board (WSESARB) ~ 09 May 2005 ~
57mm Gun Video Presentation

Traver Sutton
Naval Surface Warfare Center Dahlgren
Gun Weapons System Branch (G-32)