



Mk44

Gun / ammo ipt



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Major K.D. Mullins, DRPM AAA





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- **Government Members:**

- **USMC DRPM AAA / Expeditionary Fighting Vehicle**
- **Sponsor**
- **USN LPD-17 / RAMICS**
- **US Army / FCS**
- **US Air Force / ACU-130**
- **US Coast Guard / DWP**



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- **Industrial Partners:**

- **ATK Gun Systems**
- **ATK Ordnance**
- **General Dynamics – Ordnance Tactical Systems**
- **Oerlikon Contrives**
- **NAMMO**
- **Diehl**
- **General Dynamics Amphibious Systems**
- **UDLP / Boeing / SAIC**



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- **Additional Members:**

- **ArrowTech**

- **DSTL (MOD) United Kingdom**



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“the future will be full of open and hidden dangers and U.S. Forces will have to be fully integrated and expeditionary, capable of achieving decision superiority and, of course, be lethal”

Defense Secretary Donald Rumsfeld

“Joint Operations Concepts”



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- **30mm x 173 Programmable Airbursting Munitions**
 - *The challenge lies in the pursuit of a common technology/round that can be utilized on all platforms while meeting platform specific requirements.*
 - *Timing War Reserve Purchase with Operational fielding of specific platforms weighed against performance maturity of NDI Solutions.*
 - *Weighing NDI Solution performance against a broader spectrum of Platform Requirements.*



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- **Operational Assumptions made by the MK44 IPT.**
- ***Joint Operations in OIF/OEF, in battles such as Fallujah, where U.S. Marine and U.S. Army forces fought side by side, while U.S. Naval Combatants work the littoral regions require the MK44 IPT to work towards a common solution.***
- ***Interoperability of ammunition allows the War-Fighters to exchange in the heat of battle, while reducing the logistical burden placed upon our support forces.***



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- **Service Assumptions made by the MK44 IPT.**
- ***Common Technology / Ammunition will significantly reduce costs to each Service through Economy of Scales and lowering the War Reserve Support Requirements.***



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•30mm x 173 Programmable Airbursting Munitions Joint Program.

- FY05 US Navy, US Marine Corps, US Army, and US Coast Guard Developed Evaluation Test Plan fusing requirements into a single plan. (U.S. Air Force – Program of Interest)
- FY05 Submitted for FY06 FCT / DACP (US Navy in the lead)
- FY05 US Navy / DRPM AAA / US Army procuring candidate rounds.
- FY06 Joint Evaluation of Candidate Rounds (Hawthorne Nevada)
- FY06 Down Selection, providing a single round meets requirements.
- FY06-FY08 Qualify Single Round



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“Our Military Forces are on one Team-in the game to win regardless of who carries the ball”

General of the Army, Gen. Omar Bradley, U.S. Army

The MK44 IPT has been and will continue to be Joint Organization committed to working together, putting our Warriors first, in solving common MK44 and 30mm x 173 related issues.