2003 NDIA Munitions Executive Summit

Life-Cycle Management Multiplier Effects

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Conduct limited research, development, and acquisition, and “execute life cycle management support” for all conventional ground ammunition (Class V(W)) required by Marine Corps Forces to train for, and successfully conduct amphibious warfare and expeditionary force operations.
Organizational Structure

“..acquire munitions and stockpile RAM-Q”

“….Operating Force enablers”

“…USMC Class V(W) ICP”
In the Beginning: Sep’94 – Jul’95

- Malfunctions: MK19 Mod 3 GMG & M430 HEDP Ctg (4 Inbore detonations, 1 premature airburst)
- Injuries: (3 Major, 15 Minor)
- MK19 GMG Destroyed: 6
- Blue Team investigation most Probable Cause: “Low Propellant & Double Closing Cups”
- Recommendation: “The entire stockpile of M430 cartridges should remain in CC”N” until radiographically screened for low propellant and double (or missing) closure cups”
CONUS Retail Screening Facilities

**CONCORD $2.1M**
- Rds Screened: 2,726,872
- PO $: $1,881,541
- Trans $: $220,000

**FALLBROOK $1.5M**
- Rds Screened: 1,500,000
- PO $: $1,500,000
- Trans $: $80,000

**CRANE $1.6M**
- Screened: 1,151,620
- PO $: $1,185,669
- Trans: $381,076

**MILAN**
- Rds Screened: 110,016
- PO $: $96,814

**$5,002,200**
Global Readiness Impacts

MPSRON I-MED
- SS Obregon
- SS Kocak
- SS Pless
- MV Bobo

MPSRON II - DG
- MV Bonnyman
- MV Hauge
- MV Baugh
- MV Phillips
- MV Anderson

24th MEU (SOC)

31st MEU (SOC)

11th MEU (SOC)

MPSRON III - GUAM
- MV Lummus
- MV Button
- MV Lopez
- MV Williams
Summary of Screening Results: 5.7M Ctgs.

**FINDINGS:**
- Double Closure Cup
- Low Propellant
- Cartridge Case

**Original Cost:** $64,019,330

- Screening cost: $5,000,200
- Replacement Cost: $596,045
- 6 Destroyed Wpns: $91,920
- Rtn Screened assets: $700,000
- Ship Substitute: $350,000

**Total:** $6,738,165

**Adjusted Costs:** $70,757,495

- 53,457 Rejects to RRDA

**INTANGIBLE MULTIPLIERS**
- Readiness Degradation
- Safety
- User Confidence
The “TAKE AWAY”

- 1) Performance, 2) Schedule, 3) Cost !
- The entire munitions spectrum is affected!
- Not funded to absorb cost growths!
- Reshaping the Munitions Base!
**USMC REQUIREMENTS**

- POM04 WRMR Study – Significant Increase

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<th>Year</th>
<th>Requirement (in Millions)</th>
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<tr>
<td>FY03</td>
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<tr>
<td>FY04</td>
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FINAL THOUGHTS

Reshaping the Munitions Base

“....a team approach”
QUESTIONS ?