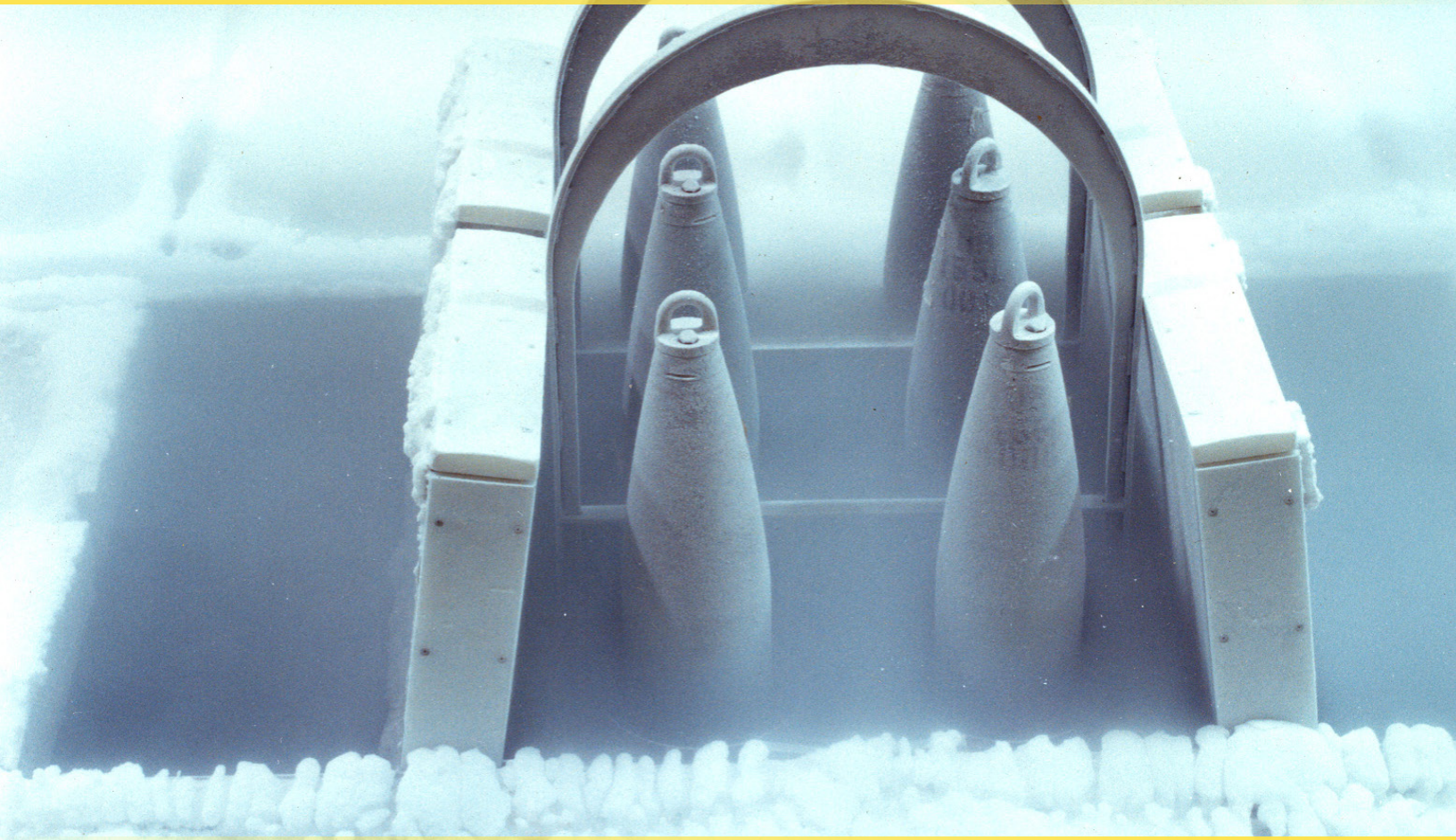


DEMILITARIZATION MEDIUM SIZE MUNITIONS



- Safely destroy munitions in any condition
- Ensures effective accessing of energetics
- Complete destruction of munition bodies
- No pre-processing, no secondary waste stream
- Cost effective with high throughput

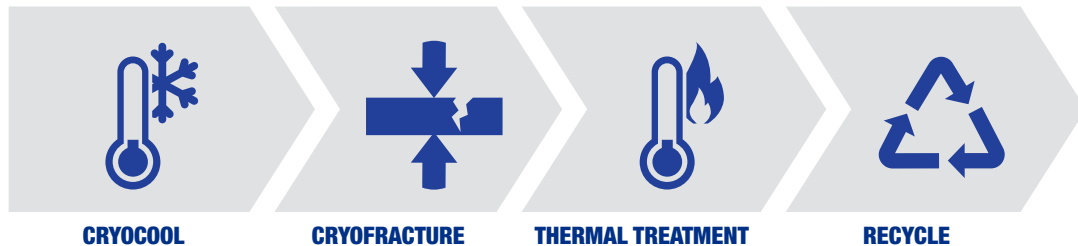
General Atomics Electromagnetic Systems (GA-EMS) is the only single source provider of cryofracture demilitarization systems for the complete and safe destruction of medium size munitions. GA-EMS' cryofracture process offers an environmentally sound, less costly alternative to incineration systems and hazardous open pit munitions destruction.

DEMILITARIZATION

Cryofracture utilizes liquid nitrogen to cool munition bodies to below the embrittlement temperature. No pre-processing or disassembly of the munitions is required. Cooled bodies are then fractured in a hydraulic press, accessing the energetics and rendering them safe for thermal destruction. The remaining metal debris is discharged for safe disposal or recycling.

Fixed site and transportable cryofracture systems are available. GA-EMS' transportable cryofracture systems provide the mobility necessary to support multiple munition storage sites and remote locations where permanent installations are impractical.

- Reduces per ton disposal costs
- Low staff requirements
- Recover, recycle metals
- Transportable and fixed site systems



MEDIUM SIZE MUNITIONS EXAMPLES

ADAM mines, Rockeye II (MK 118), ICMs (M42, M46, M77), fuses, hand grenades (M69, M67, M61, M26), M16 mines, BLU 63/B, BLU 86/B, BLU 61, destructors (M10, M4, MK24), and 40 mm rounds (M406, M433)



40mm HEPD grenade post cryofracture processing



BLU 61A/B (CBU 51B/B) post cryofracture processing