



DEFENSE LOGISTICS AGENCY

AMERICA'S COMBAT LOGISTICS SUPPORT AGENCY



DLA Strategic Materials Informational Brief

Isotope Workshop

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Mission Overview

DLA Strategic Materials is the operational arm of *The Strategic and Critical Materials Stockpiling Act (50 U.S.C. 98 et seq.)*

“It is the purpose of this Act to ...”

- ✓ Provide for the acquisition & retention of stocks of certain strategic & critical materials
- ✓ Encourage conservation and development of such materials within the United States
- ✓ Decrease and preclude when possible a dangerous and costly dependence by the United States upon foreign or single sources for supplies of such materials **in times of National Emergencies**

**Consider our mission as a kind of material supply chain insurance policy*



Stockpile Transformation

2008 DOD Working Group findings:

- Need for a stockpile—new process
- Seek to reframe the mission and modernize the NDS
 - Needed: a dynamic and more responsive process



Program Reporting

- **Title 50 Reporting Requirements** (on-going)
 - Biennial Requirements Report to Congress
 - Annual Material Plan
 - Operations Report
- **Congressional Reports** (special/unique)
 - FY11 NDAA Section 843 (Initial Rare Earth Assessment)
 - FY12 NDAA Section 853 (Feasibility of Establishing Rare Earth Inventory)
 - FY12 NDAA House Report 111-329 (Feasibility of Rare Earth Recycling)

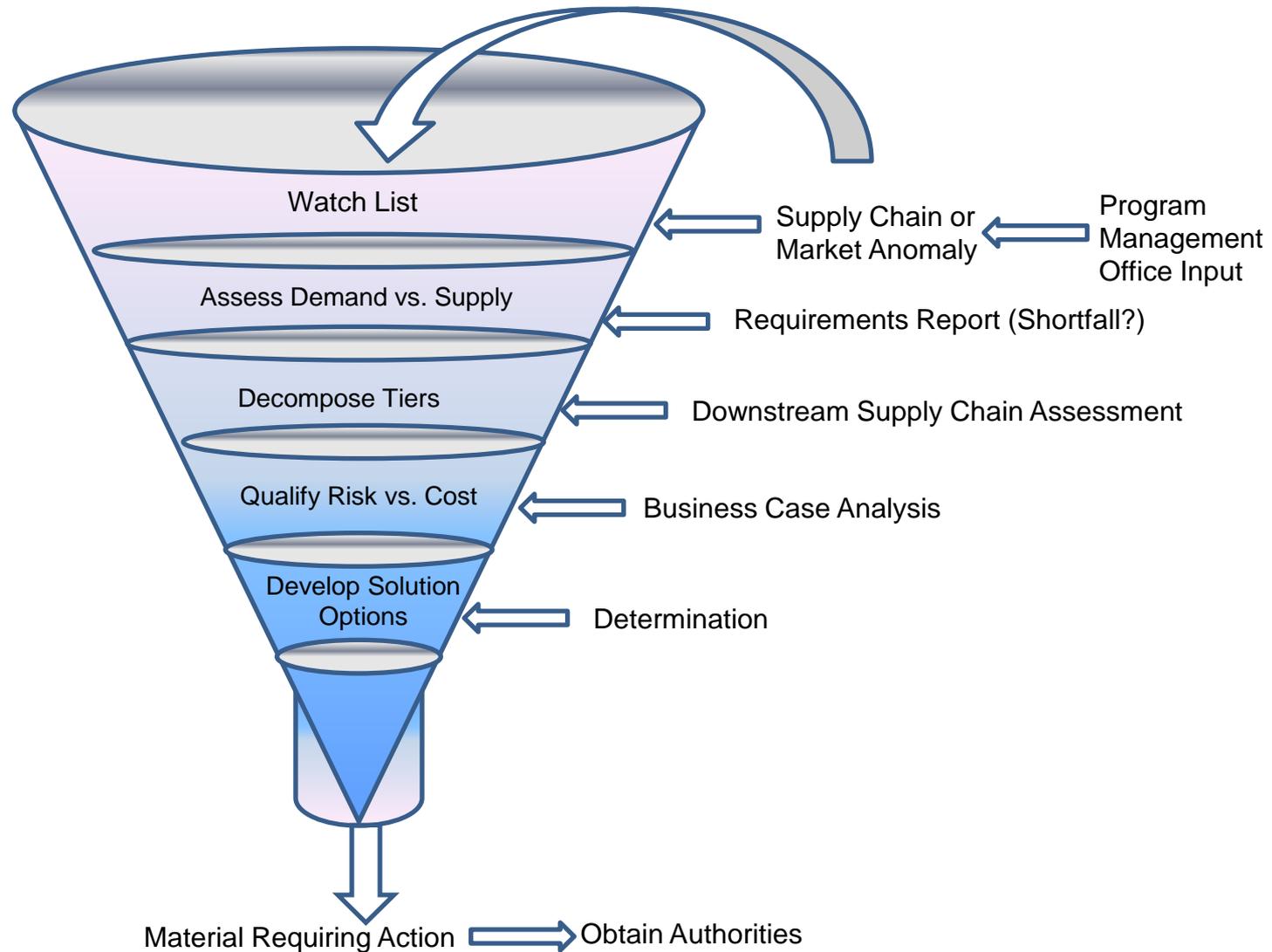


Mission in Action

- Continuous surveillance of global materials markets and materials supply chains
- Evaluate materials requirements
- Compile dynamic list of material needed to support defense and industrial base programs
- Assess country reliability and geopolitical issues for impact on availability of materials
- Launch risk mitigation strategies including:
 - Research and Development studies and projects
 - Traditional stockpiling
 - Encourage Conservation (Material Reclamation & Domestic Recycling)
- Commodity Sales



S & C Materials Research Process

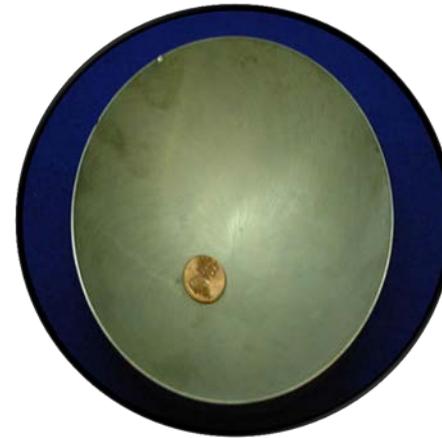




Current Projects / Solutions at Work

NDS Material Upgrades:

- Germanium
- Beryllium
- Iridium



Other initiatives:

- Insensitive High Explosive (Triamino-Trinitrobenzene)
- Cadmium Zinc Tellurium (CZT) Substrates
- Lithium Ion Battery Materials





DLA Strategic Materials Inventory

As of 8/31/2013

MATERIAL	UNIT	QUANTITY
Beryllium Metal	ST	87
Chromium - Ferro High Carbon	ST	99,173
Chromium - Ferro Low Carbon	ST	50,738
Chromium Metal-combo electro & alumin	ST	4,512
Manganese Ferro High Carbon	ST	382,008
Manganese Metallurgical Grade Ore	SDT	322,025
Talc - Block & Lump	ST	954
Talc - Ground	ST	685
Tin	MT	4,020
Tungsten Metal Powder	LB W	275,741
Tungsten Ores & Concentrates*	LB W	26,580,266

* 21.8 Million lbs W held in reserve

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