

Sustaining the U.S. Defense Industrial Base

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Key Findings (2011)

The U.S. Defense Industrial Base (DIB) does not function like a "normal" free market with many buyers, many suppliers & market-driven price competition

- It is highly regulated by FARs, DARs, ITAR, Congress, etc.
- It has a single (monopsony) customer—the U.S. government (also the regulator)—& a few oligopoly suppliers in each market segment

- Market concepts such as "competition," "price," "buyer" and "seller" do not apply (Merton Peck & Frederick Scherer, 1962)

The U.S. government & DoD have never had a coherent, long-term strategy for managing the DIB as a vital strategic asset

 After Les Aspin's 1993 "last supper," the defense industry merged 37 primes into 5 (LM, NG, Boeing, GD & Raytheon)





• Costs: £1.8 billion cost overrun & HMS Astute 4 ye





- The DIB is a diverse array of companies, large & small, with many sectors & tiers (DASD/MIPB); also with growing global ties
- DoD faces tightening fiscal constraints (OCO going away, sequestration, political gridlock, etc.)
- DoD faces a growing array of current & emerging security challenges (jihadist extremists & insurgents, the "Arab spring," Iran, China, Russia, etc.)
- Can the concept of core competencies help to decide what to keep?
- What is a core competency?



- DoD: Long-range precision strike
- The DIB's core competencies should support DoD's











CSBA DoD/DIB Core Competencies

DoD

- 1. Global non-nuclear precision strike
- 2. Flexible, effective nuclear forces
- 3. Capability to project & sustain combined-arms campaigns at the operational level of war
- 4. Access to & freedom of action in the global commons—at sea, in orbital space & the in electromagnetic spectrum (of which cyber is a part)
- 5. The cryptologic enterprise
- 6. Realistic combat training

- 1. Precision weapons, including missiles for both strike & defense
- 2. Low-signature platforms such as stealthy air vehicles, both manned & unmanned, & nuclear submarines

DIB

- 3. Global ISR (reconnaissance satellites, GPS, UAVs, etc.)
- 4. Integrated battle networks that marry ISR with robust command, control & communications (C3)
- 5. The skills, procedures, tools & organizations for dominating the electromagnetic spectrum (including network attack, network defense & cryptologic skills)
- 6. Large-scale system & networkarchitecture integration