

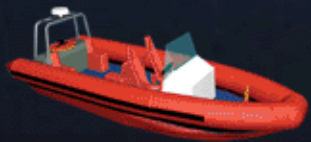


DEEPWATER



U.S.- Sweden Defense Industry Conference

8 October 2003



RADM Patrick M. Stillman
Program Executive Officer



U. S. Coast Guard Missions



Maritime Safety

Search and Rescue
International Ice Patrol

Maritime Security

Drug Interdiction
General Enforcement of Laws and Treaties
Alien Migrant Interdiction

Protection of Natural Resources

Marine Pollution Enforcement & Response
Living Marine Resource Enforcement

Maritime Mobility

Lightering Zone Enforcement
Foreign Vessel Inspection

National Defense

Homeland Security
General Defense Operations
Maritime Interception Operations
Military Environmental Defense Operations
Port Operations, Security, & Defense
Peacetime Military Engagement
Coastal Sea Control



Acquisition Strategy



System of Systems Approach

- Mission-based performance acquisition approach
- Performance specifications for assets based on fundamental capabilities needed to optimize mission performance while minimizing total ownership costs
- Overall force multiplier by using a seamless coordinated performance of missions by multiple assets
- Greater management and funding flexibility

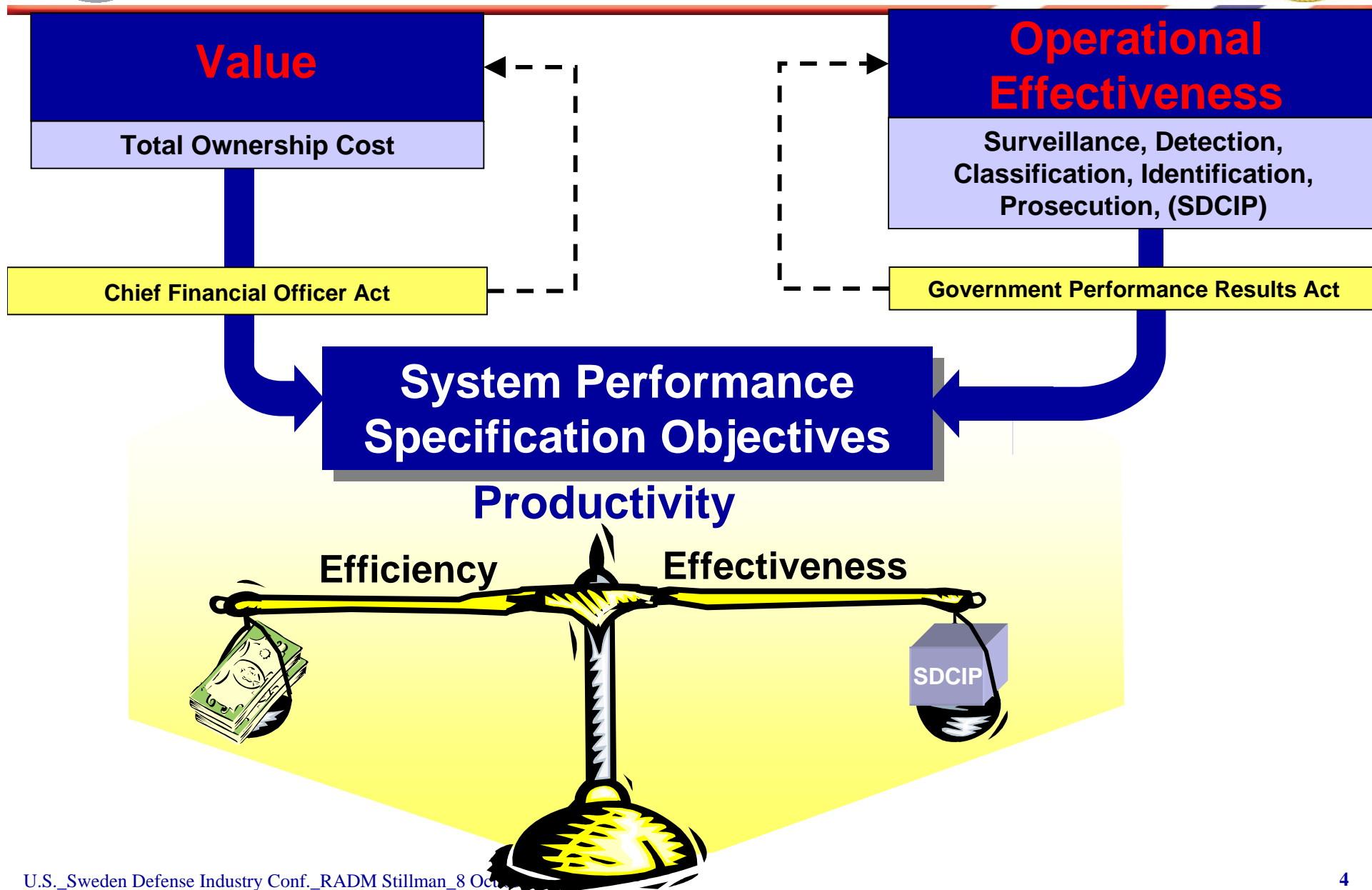


Strategic Benefits

- Interoperability built-in
- Optimum type and number of assets determined
- Office of Federal Procurement Policy endorsement



Performance Based Acquisition





System Solution – Network Centric





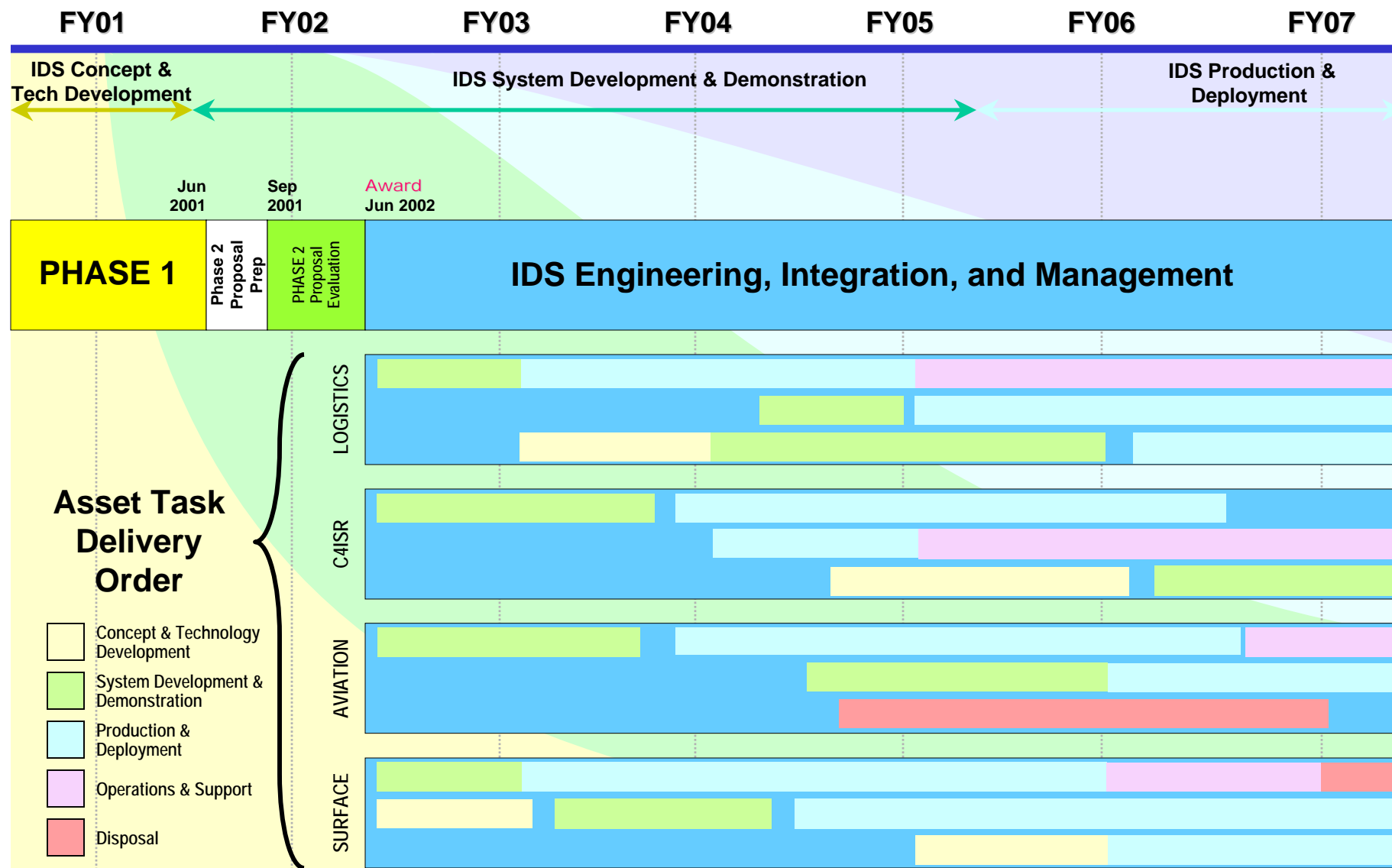
Contracting Strategy



- **Five-year base award with option to award up to five additional five-year award terms**
- **Delivery Order/Task Order Contract will break annual funding into usable segments**
- **Emphasis has been placed on beneficial applicability and identification of COTS/NDI solutions since program inception**
- **Contract incorporates many acquisition reforms, innovations and current best practices, and is constructed to provide flexibility to adapt to:**
 - **Budget fluctuations**
 - **Technology refreshment**
 - **Legislative mandates**
 - **Mission evolution**

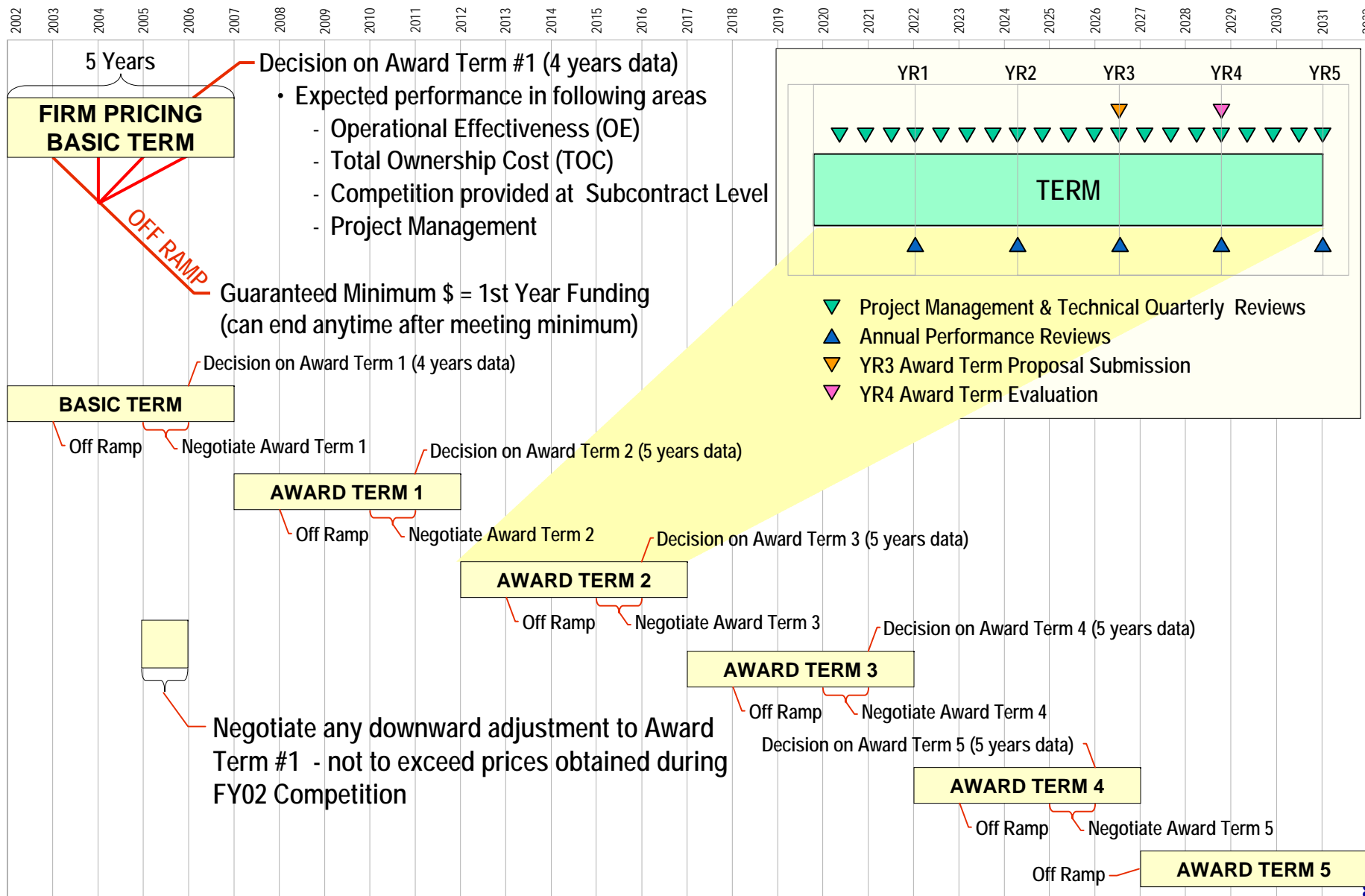


System Integration



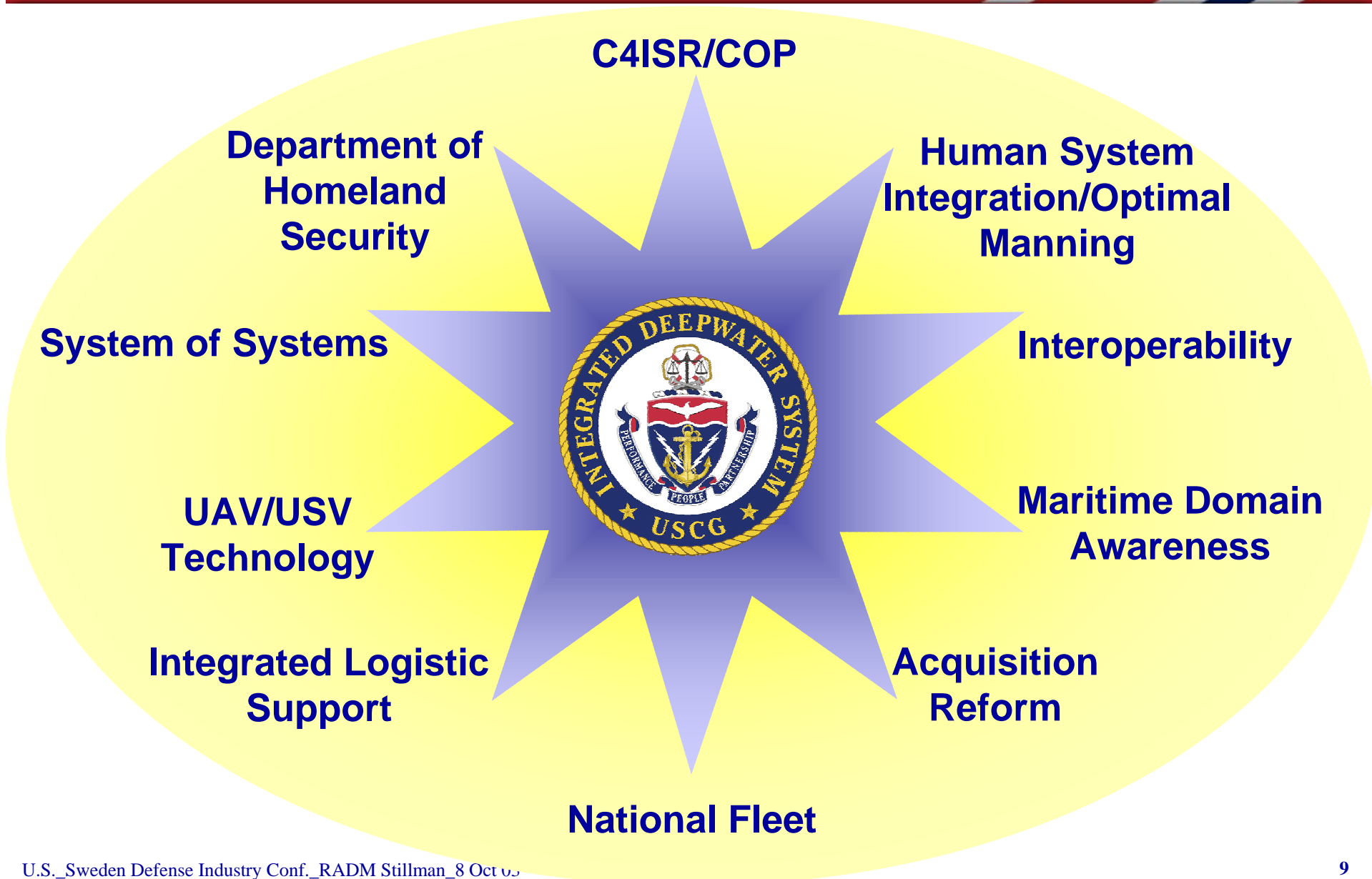


Systems Integrator Monitoring and Management





Acquisition Transformation





Human Capital Management



Creating a Learning Organization (LO) environment

- The goal of the LO is *creating, acquiring, interpreting, transferring and retaining knowledge, and purposefully modifying its behavior* to reflect new knowledge and insights within our Human Capital (people).
- Human Capital Plan (HCP) is a way ahead for recruiting, retaining, training, developing, organizing and measuring human capital efforts within the program.
- Succession planning within the HCP will include a highly qualified pool of candidates from partnerships with Black Colleges/Universities and Minority Institutions as well as other CG recruiting initiatives.



Change Management



- **Create an open and honest environment, in the context of earned trust, to optimize the performance of the Integrated Deepwater System**
- **Key Provisions memorialize Joint Integrated Product Teams (IPT)s approach, and dispute avoidance and resolution processes for issues beyond the Joint IPTs**
- **Develop charters that, leads, and manages the Delivery/Task Order (DTO) IPTs, and is responsible under the contract and DTOs for cost, schedule, and performance, as well as overall Total System Performance**
- **Government IPT members serve as “customer” representatives on the IPTs**



Knowledge Management



- **Technology Insertion/Spiral Development**
- **Innovation, Flexibility, Agility**
- **Cycle time**
- **Incentives**

“You don’t know what, you don’t know”



System Integration Challenge



- **Who's in charge**
- **Requirements creed**
- **Communication and trust**
- **Full dimensions of partnership**



Risk Management



**High
Risk**

Efficacy

Feasibility

Efficiency

- **Investigation**
- **Analysis**
- **Effectiveness**

- **Metrics**
- **Countermeasures**

**Prioritizing
management
activities**

An integrated approach to procedures to lower risk that can take many forms and can be enacted throughout the life cycle of the system.

Low Risk



Partnership



- **Contract awarded 25 June 2002 to Integrated Coast Guard Systems (ICGS), a joint venture between Lockheed Martin and Northrop Grumman**

LOCKHEED MARTIN



NORTHROP GRUMMAN

ARINC

Bell Agusta Aerospace Corp.

Bell Helicopter Textron

EADS CASA

EADS Eurocopter

Halter – Bollinger

L3 Communications

LM Management & Data Systems

LM Technology Services

M. Rosenblatt & Sons

Northrop Grumman Full Service Operations

Northrop Grumman IT

PROSOFT

United Defense, LP

People, Partnership, and Performance



Guiding Principles



People

- Professional Workforce Practicing, Continuous Improvement, and Lessons Learned
- Knowledge-Based Acquisition
- Decentralized Responsibility

Performance

- Performance-Based Acquisition
- Performance-Based Logistics
- Risk Management



Partnership

- Earned Value Management (EVM)
- Evolutionary Acquisition
- Interoperability and Information Superiority
- Systems Engineering



Check us out: www.uscg.mil/deepwater