



Information Dominance

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How Did We Get Here...

- Naval War College



Fleet Seminar Program

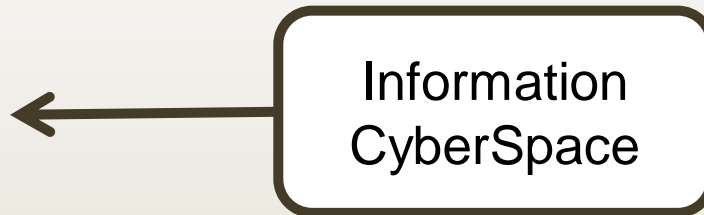
- AFCEA/NIP Annual Intelligence Essay Contest
 - Information should be made a **Warfighting Function**
 - Warfare Factors, Mediums, and Warfighting Functions



Operational Warfare Factors

... broad strategic factors that influence the determination of missions, objectives, and courses of actions...

- Time
- Space
- Force



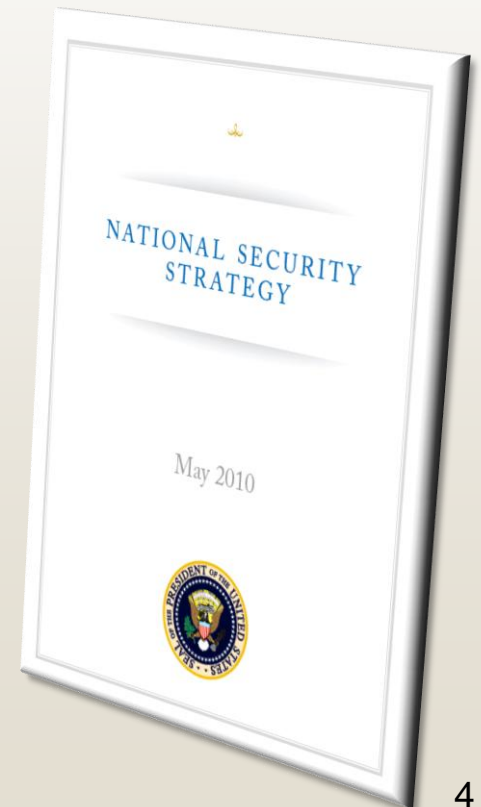
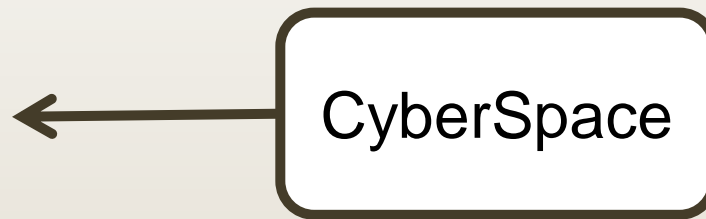


Mediums

A surrounding environment in which something functions and thrives

An intervening substance, as air, through which a force acts or an effect is produced

- Land
- Sea
- Air
- Space





Warfighting Functions

- A group of tasks and systems (people, organizations, information, and processes) united by a common purpose that commanders use to accomplish missions and training objectives
- Commanders use the Warfighting Functions to help them exercise battle command
- Commanders apply combat power through the Warfighting Functions



Warfighting Functions

- Command & Control
- Fires
- Movement & Maneuver
- Intelligence
- Sustainment/Logistics
- Protection

Information



2007: LTG Caldwell, Commanding General at CAC spearheaded Strategic Communication
2009: GEN Dempsey, Commanding General of U.S. Army Training and Doctrine Command



Navy Supporting Warfare Tasks

- Command, Control and Communications (C3)
- Ocean Surveillance (OS)
- Intelligence, Surveillance and Reconnaissance (ISR)
- Naval Special Warfare (NSW)
- Logistics (LOG)
- Space and Electronic Warfare (SEW)





Information Dominance Corps

- The intent of this alignment is for the Navy to achieve unprecedented agility and innovation in the development and **integration of its information capabilities** and **to firmly establish information as a main battery** of the U.S. Navy's 21st century arsenal. The long-term vision is for the Navy is:
 - Pre-eminence in Intelligence, Cyber Warfare, and Information Management
 - An information work force recognized as an elite, world-class team of professionals
 - Information dominance over adversaries and decision superiority for our Commanders



Information Dominance Corps

- The Corps will consist of:
 - Information Professionals
 - Information Warfare Officers
 - Naval Intelligence Officers
 - Oceanographers
 - Space Cadre Officers
 - AG, CT, IS and IT Ratings;
 - Government civilians assigned in related fields

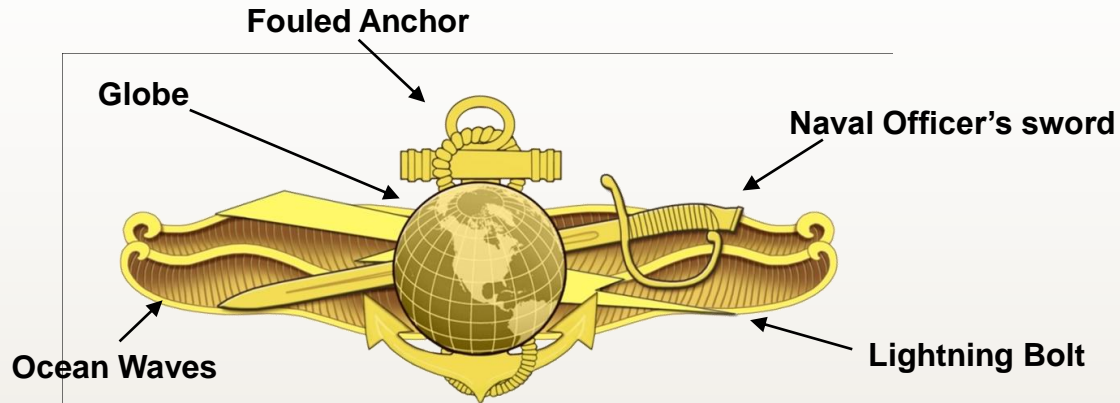




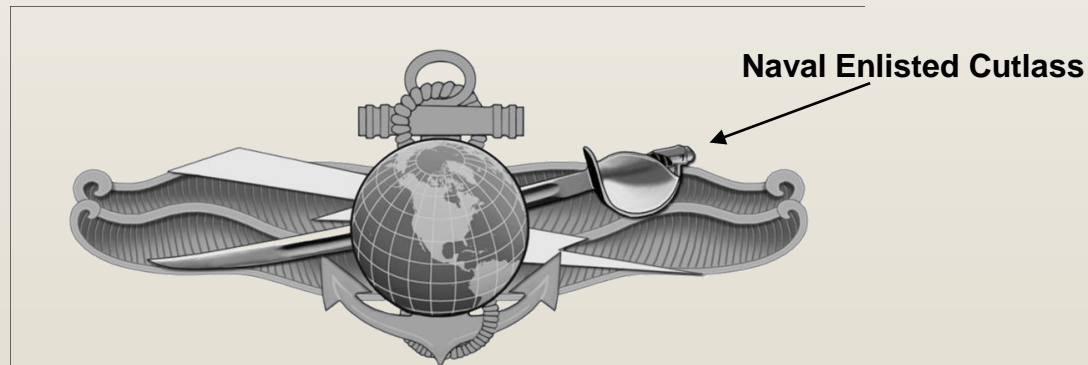
IDC Warfare Insignia

New Designators:

- 1800- Meteorology/Oceanography
- 1810- Information Warfare
- 1820- Information Professional
- 1830- Intelligence
- 1840- Cyber Warfare Engineer
- 1850- Any IDC qualified billet



Information Dominance Warfare Officer



Enlisted Information Dominance Warfare Specialist (EIDWS)



Sea Stories

- CSG-11, USS NIMITZ, Persian Gulf, July-Aug 2005
- Multi-National Forces Iraq, CJ-2 & Strategic Effects, 2006 – 2007





Public Affairs

- Field Manual 3-61-1: Public Affairs Mission:
 - To keep the **American people** and the Army informed
 - Help establish the conditions that lead to confidence in America's Army and its **readiness to conduct operations** in peacetime, conflict and war.
- Center of Gravity

*“One must keep the dominant characteristics of both belligerents in mind. Out of these characteristics a certain **center of gravity** develops, the **hub of all power** and movement, on which everything depends. That is the point against which all of our energies should be directed.”*

*“The first task . . . in planning for war is to **identify the enemy's centers of gravity**, and if possible, trace them back to a single one.”*

Carl von Clausewitz
On War, 1832



Our Enemies Get It

*“...I say to you that we are in a battle, and that more than half of this battle is **taking place in the battlefield of the media**. And that we are in a media battle race for the hearts and minds of our Umma.”*



*and that we not take one another
as Lords beside Allah.*

Ayman al-Zawahiri
July 2005 letter to Abu Musab Zarqawi

Operational View



Strategic Communication



Summary

- Information → A warfighting function
 - Integral part of Operational Art
 - Synchronize critical elements of information sooner to aid decisions
 - Joint/Army/USMC doctrine should formally classify it as such
- Information Dominance Corps a decisive & needed step
- IDC should include PAOs/165x, FAOs/171x, and SC
- IDC should take play significant role in Navy lessons learned currently under the auspices of Navy Warfare Development Command