



C2 in Underdeveloped, Degraded and Denied Operational Environments

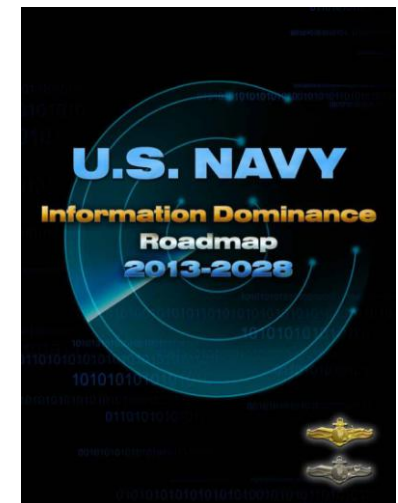
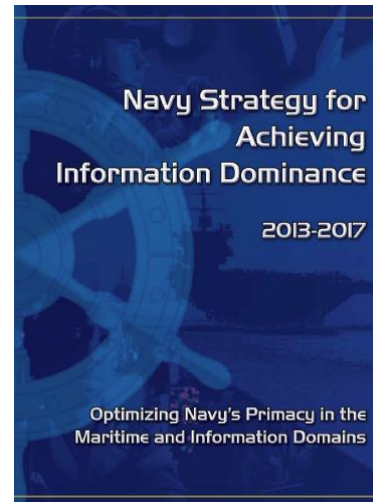
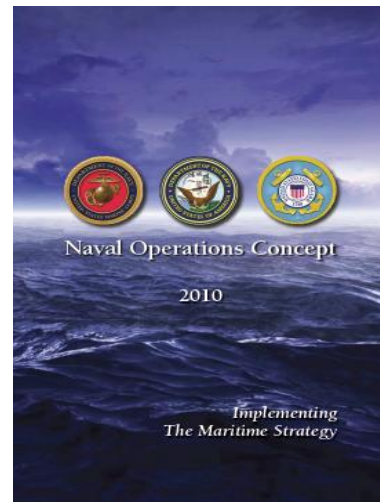
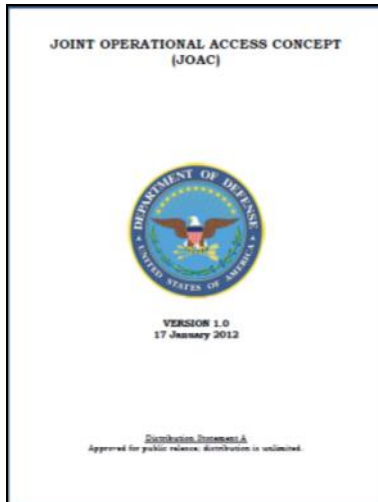
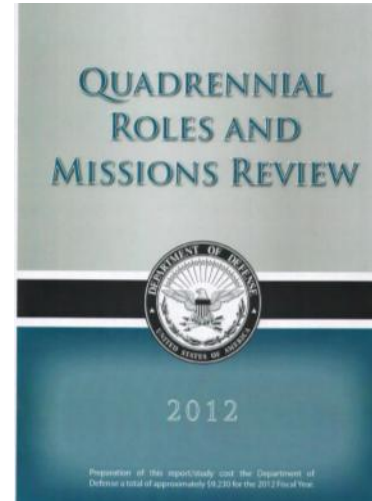
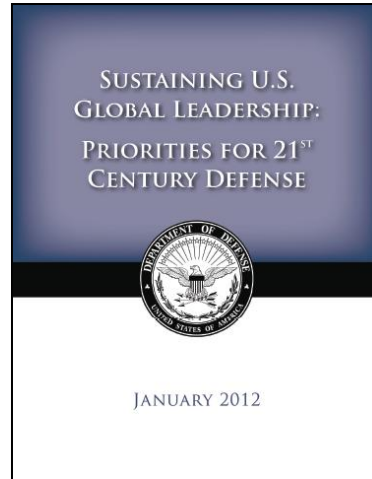
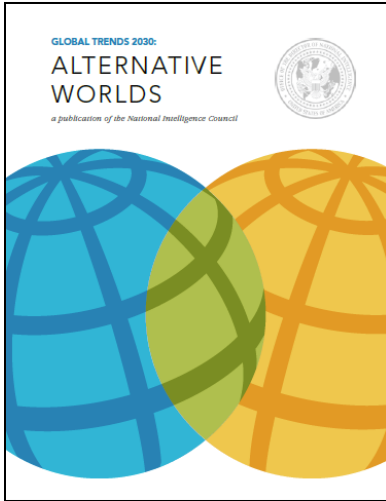
18th ICCRTS

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SPAWAR Systems Center Pacific

Strategic Landscape



Air-Sea Battle Concept



A2/AD



Why Undersea?



Why Undersea Networks?



Increasingly Connected & Congested



PEO C4I & PMW 770

PEOC4I PMW 770

- ▼ **Mission Statement:** Headquartered on the Old Town Campus of the Space and Naval Warfare Systems Center and State Department, the positions of the Program Executive Office for Command, Control, Communications, Computers, and Intelligence (PEO C4I) is to provide integrated communications and information technology manned and unmanned systems and undersea vehicles. systems that enable Information Dominance and the command and control of maritime forces.
- ▼ **Vision:** Information Dominance; Anytime Anywhere....

Undersea Architecture

Communications Channels

- ▼ Acoustic
- ▼ Electromagnetic
- ▼ Full Spectrum RF
- ▼ Free Space Optical Communications
- ▼ Hard Connection
- ▼ Gateway

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