

Navy Information Dominance



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DCNO for Information Dominance

OPNAV N2/N6

June 22, 2010

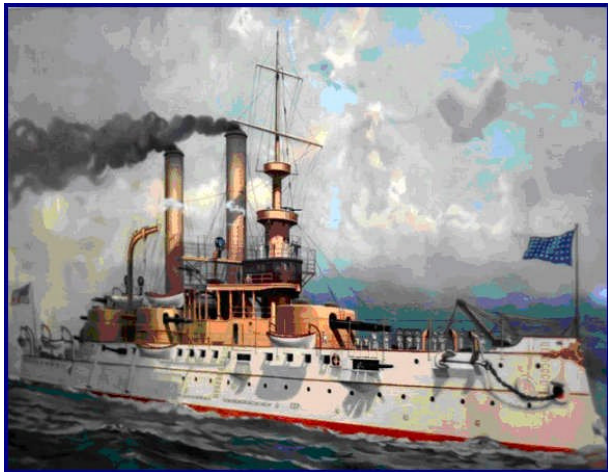


Welcome!



The Opportunity

- ❑ The U.S. Navy today has the rare opportunity to truly revolutionize its warfighting capability
- ❑ Similar to the transformations that occurred when the Navy introduced steam power, dreadnoughts, aircraft carriers, and nuclear power into the Fleet.





CNO's Vision



Information becomes a main battery
of the U.S. Navy; this transition to
an information-centric force
represents a new vision of who we are
as a seapower, as a Navy, and
as warfare professionals

"We will seek out and embrace game-changers and innovative solutions to current and future challenges, especially at the left end of the kill chain"

~ CNO Guidance for 2009



Achieving Prominence and Dominance



"Aligning intelligence and operations and optimizing the network in many ways takes priority over the platform. If we don't get the intelligence and information right, then the platform is sub-optimized."

"Therefore, we need to elevate the priority of the information. Since we already think and operate this way, its time we finally aligned organizationally to sustain it... to achieve prominence and dominance"

*Admiral Gary Roughead
Chief of Naval Operations
2010*



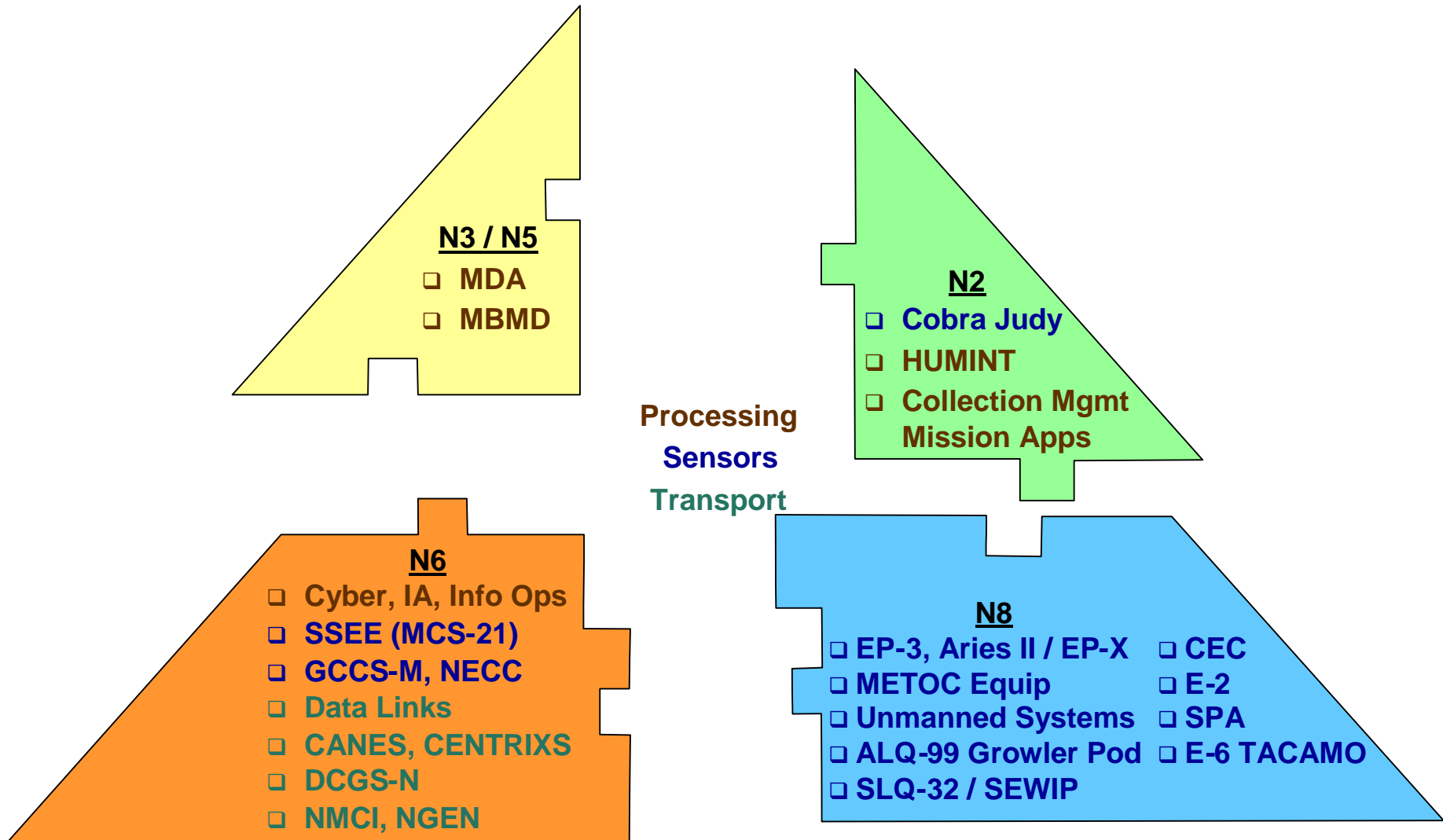
Navy's Information Transformation

- ❑ World Class Professionals
- ❑ Every platform is a sensor
- ❑ Every sensor and processor networked
- ❑ Data processed, correlated, and fused wherever optimal
- ❑ Navy UAVs are ubiquitous
- ❑ UUVs with power, endurance and mission capability





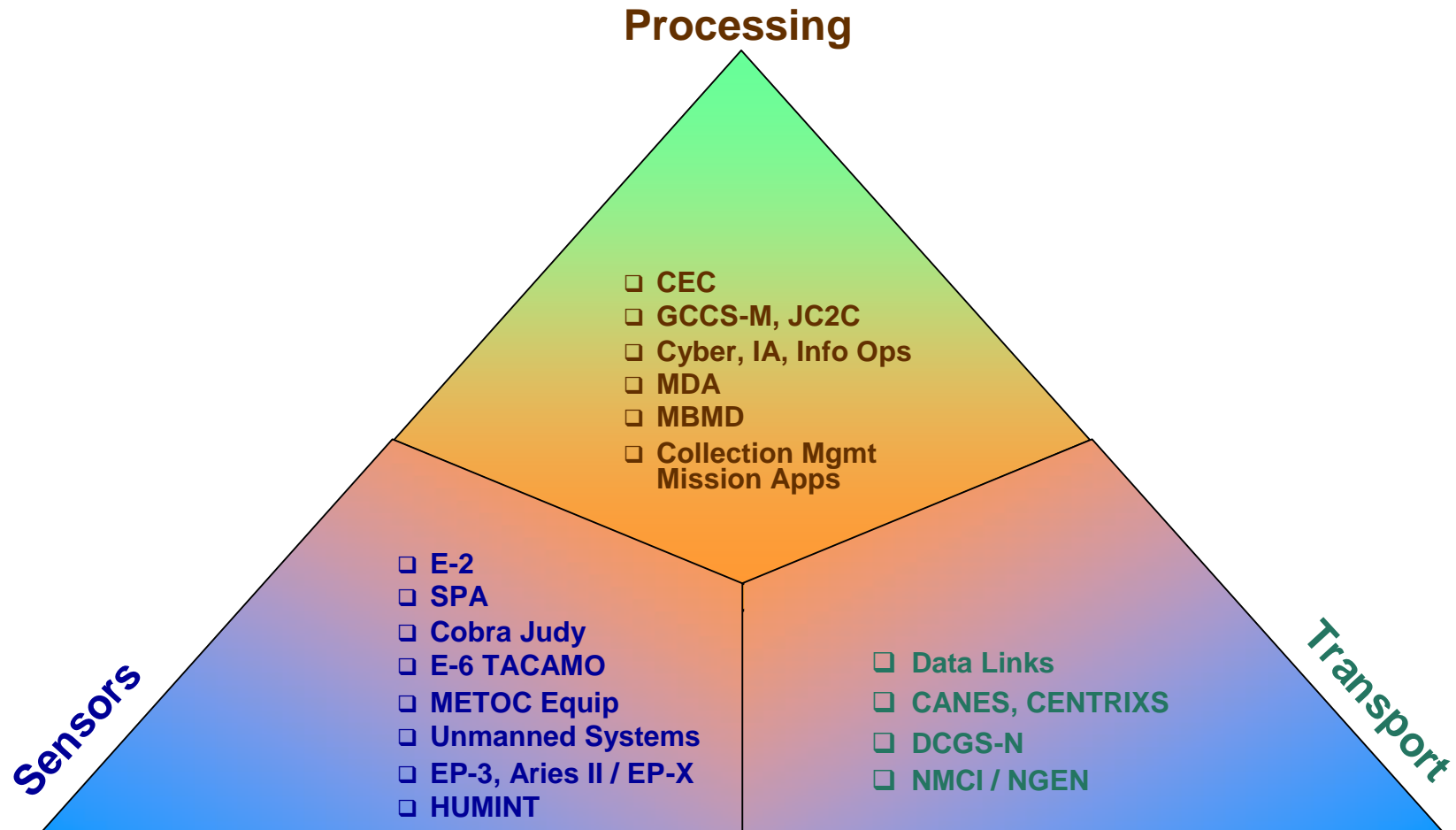
“The Old Navy”



Sub-optimal Stovepipes Impede Warfighting Wholeness



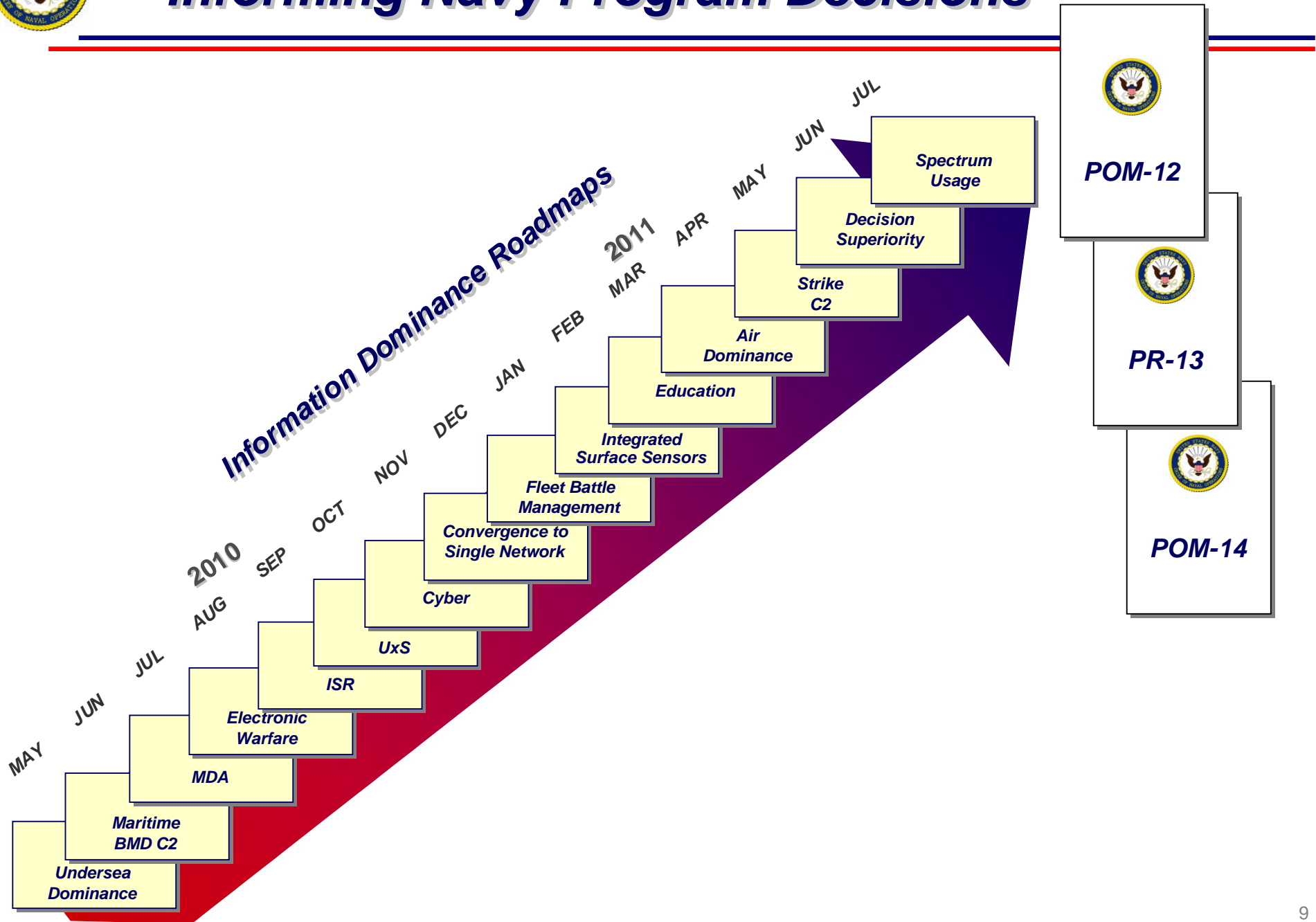
“Today’s Information-Centric Navy”



Aligning & Synchronizing Capabilities to Enable Information Dominance



Informing Navy Program Decisions





The New Era

- ❑ We Seek game-changing opportunities
- ❑ Information is a core warfighting capability
- ❑ Navy must transform to dominate in this new environment





What We Need From Industry

- ❑ Interoperability
 - Comms – Networks
 - Data Links
 - Fusion
 - Mission Control

- ❑ Quality Solutions ... without exquisite costs

- ❑ Partnership
 - In S&T/R&D initiatives

- ❑ Dialogue
 - Submit Your Ideas to Help Us!



Macchiavelli on Transformation

“It ought to be remembered that there is nothing more difficult to take in hand, more perilous to conduct, or more uncertain in its success, than to take the lead in the introduction of a new order of things.”

~ *Niccolo Macchiavelli*





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