

Chris Gunderson

Principal Investigator (Chief Architect) JITC Netcentric Certification Office

Summary

Gunderson is a Research Associate Professor of Information Science at the Naval Post Graduate School. He is on a special assignment in Reston VA sponsored by the Defense Information System Agency (DISA) Joint Interoperability Test Command (JITC) to establish a Netcentric Certification Office (NCO). The NCO will link distributed DoD laboratories in partnership with industry to create a public/private e-Business portal for delivery of government certified "net-ready" software products and services.

Prior to this assignment, Professor **Gunderson** managed an initiative sponsored by the Office of the Secretary of Defense to create the World Wide Consortium for the Grid (W2COG), a global network of collaborative experts committed to rapidly fielding network centric tools for enhancing global security and peaceful commerce.

Gunderson retired from the US Navy in October 2004 as a Captain following 27 years' service.

His last assignment in the Navy was as Commanding Officer of Fleet Numerical Oceanographic & Meteorological Center, a super computer network operation center in Monterey, Calif.

Prior to command of Fleet Numerical Meteorology and Oceanography Center, **Gunderson** served as Deputy Oceanographer of the Navy, and helped develop Department of Defense policy for enhancing information system interoperability.

Specialties

DoD IT applications, computer network applications, e-business process analysis and best practices, Netcentric Operations, service oriented architecture, semantic technology

Experience

Principal Investigator and Architect W2COG initiative

Naval Postgraduate School

Government Agency; 1001-5000 employees; Higher Education industry

August 2004 – Present (4 years 10 months)

This is an interesting position... I am a government employee, a member of the research faculty at the Naval Postgraduate school -- a Chief Architect type. However, I am on a special project sponsored by the Joint Interoperability Test Command to create a government/industry partnership for "Open Technology Development" of "Netcentric" capability.

"Netcentric" is DoD speak for effective, distributed, ad hoc, cross domain collaboration. In other words...good e-Business. The notion is that the government wants to play as a peer in e-Business, but its internal policies and procedures are too conservative and bureaucratic. Hence we need a specially constructed ".org" and ".gov" lash up for: rapidly bundling COTS & "open source" GOTS software; adaptively validating and verifying against government requirements; certifying the bundles; brokering expert providers and consumers of all the above..

Commanding Officer

Fleet Numerical Meteorology and Oceanography Command

July 2002 – August 2004 (2 years 2 months)

Commanding Officer Fleet Numerical Meteorology and Oceanography Center. . “Top 500” super computer site. 24X7 mission to deliver perishable information service to diverse customer base. Continuous transition of latest science and technology into operational application. World class web services software development laboratory. 250+ scientists, IT professionals, and military staff.

Inherited draconian corporate “bill” mandating 30% reduced funding profile. Recognized business-as-usual was not sustainable. Closed “knowing/doing gap”:

Deputy Oceanographer of the Navy

US Navy

Government Agency; 1001-5000 employees; Government Administration industry

June 2000 – July 2002 (2 years 2 months)

Deputy Oceanographer of the Navy. Supervised staff of 50 + overseeing ~\$400M/yr enterprise including \$35M/yr R&D investment, fleet of eight ships, two super computer production centers, six major operational centers, and myriad operational detachments. Embracing Secretary of Defense and Chief of Naval Operations mandates to “transform the Force,” led watershed “Navigator of the Navy” and “4D Cube” initiatives to align US Navy with the Global Information Grid. Engineered transformational Operational Concept for the Navy Oceanography Program. Executed deep change in staff alignment from inwardly focused “silos” to customer-centric matrices. Awarded Legion of Merit.

Education

Naval Postgraduate School

MS, [Air Ocean Science](#)

1988 – 1990

Activities and Societies: [USNA Gymnastic Team](#)
[NPS Sea Slugs Softball Team](#)

United States Naval Academy

BS, [Oceanography](#)

1973 – 1977