Aerospace Chief Software Engineering Advisory Council: GSAW 2006

Frank Sisti
Council Secretariat & Chief Software Engineer
MILSATCOM
The Challenge of Change

“...nothing is 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. Because the innovator has for enemies all those who have done well under the old conditions, and lukewarm defenders in those who may do well under the new.”

Machiavelli, The Prince c.1505
Council Vision

• The CSEAC will proactively respond to the initiating goals and objectives established by the Aerospace Corporation senior management to plan, institute, execute, measure, analyze impact and scalability, and pursue the resourcing of software-focused assets in direct support of Air Force Acquisition SPOs, JPOs, and IPOs at the SMC, and to address fundamental software engineering and acquisition principles linked to ACCOUNTABILITY and EXECUTABILITY.
Council Mission

• The activities of the Advisory Council are entirely committed to the attainment of an Identified Picture of Success—that being to: “Assist in the SMC acquisition effort to dramatically improve the acquisition of software intensive systems throughout their system lifecycles.”
Council Structure - 2006

Sponsor Level

Senior Vice President
Engineering and Technology Group

Provides Council Members

Advisory Council Level

Aerospace Vice President
Space Programs Operations

Aerospace Chief Software Engineering Advisory Council (CSEAC)

Sponsorship & Guidance
Development, Execution & Reportage

SMC DIRs

IPO
JPO
SPO

(External Interfaces)

(Internal Interfaces for resources)

Aerospace Personnel

Matrixed Chief Software Engineer’s Level

GM Navigation
GM MILSATCOM
GM Space Based Surveillance
GM Space Support

Chief Software Engineer
Chief Software Engineer & Council Secretariat
Chief Software Engineer
Chief Software Engineer

* Recommend 2006 Membership
Current Chief Software Engineers

• Frank Sisti, MILSATCOM Div.
  [Council Secretariat]

• Dr. Lawrence Miller, Space Based Surveillance Div.

• Ranwa Haddad, Navigation Div.
  (Acting until replaced)

• (TBD) Space Support Division
  (Requisition In Process)