MEMORANDUM FOR DEFENSE INFORMATION SYSTEMS AGENCY
(ATTN: DIRECTOR, SERVICES DEVELOPMENT DIRECTORATE)
U.S. ARMY PROGRAM EXECUTIVE OFFICER COMMAND,
CONTROL, COMMUNICATIONS-TACTICAL
U.S. NAVY PROGRAM EXECUTIVE OFFICER COMMAND,
CONTROL, COMMUNICATIONS, COMPUTERS AND
INTELLIGENCE
U.S. MARINE CORPS SYSTEMS COMMAND
U.S. AIR FORCE PROGRAM EXECUTIVE OFFICER DIGITAL,
AIR FORCE LIFE CYCLE MANAGEMENT CENTER

SUBJECT: Implementation of the National Information Exchange Model in Global Command
and Control System-Joint Enterprise

Reference: Global Command and Control System – Joint Enterprise (GCCS-JE) Agile
Development NIEM Spike Report

The findings of the Global Command and Control System-Joint Enterprise (GCCS-JE)
National Information Exchange Model (NIEM) Research Spike highlight that NIEM use during
the development of GCCS-JE is feasible and recommended. This memorandum, in conjunction
with Department policy, the National Defense Strategy and National Military Strategy, and the
Capstone Concept for Joint Operations 2030, directs the Defense Information Systems Agency
(DISA) to implement NIEM within GCCS-JE by following the course of action recommended
by the Spike team.

Interoperability is critical to joint operations. By providing the Global Common
Operational Picture and Common Tactical Picture, GCCS-JE is central to enabling
interoperability through the capability of shared global situational awareness. This capability
transcends from the national, strategic and operational levels down to the Joint Task Force level
and synchronizes understanding of the operational environment across joint and coalition forces.
Interoperability is further enabled through the harmonization of data definitions. It is critical to
implement NIEM in GCCS-JE as an enabler for command and control (C2) systems
interoperability, and as the keystone for standardization of data exchanges with the over fifty
other systems and capabilities provided by joint, Military Service, and mission partner systems
and services.

As DISA implements NIEM, we request that the Service Program Executive Officers
continue to pursue opportunities to expedite implementation of NIEM in GCCS-JE and other
Service C2 systems. The Joint C2 Senior Action Group should be briefed bi-annually on the
status to realize objective interoperability.

The points of contact for this matter are Mr. Carl D. Porter, DoD CIO, (571) 372-7761, carl.d.porter4.civ@mail.mil; Mr. Kevin Peterson, OUSD (A&S), (703) 693-4884, kevin.b.peterson2.civ@mail.mil; and Mr. John S. Wellman, Joint Staff J6, (757) 203-8500, john.s.wellman.civ@mail.mil.

Peter T. Ranks
Deputy Chief Information Officer for
   Information Enterprise

Stuart A. Whitehead
Deputy Director, Command, Control,
   Computers, Communications and Cyber
   Integration (DDC5I), Joint Staff J6

Arsenio T. (Bong) Gumahad
Director, C4ISR, OUSD (A&S)