



MEMORANDUM OF AGREEMENT

Between the Naval Sea Systems Command (NAVSEA) and the Space and Naval Warfare Systems Command (SPAWAR) on Integration of SPAWAR Installation Database (IDB) requirements within the NAVSEA Data Environment - Navy Modernization (NDE-NM)

Purpose. The purpose of this MOA is to identify the roles and responsibilities necessary to integrate SPAWAR alteration installation processes into the NDE environment to provide a single authoritative data source for fleet modernization.

Background. It is the shared SPAWAR and NAVSEA plan to integrate SPAWAR Fleet Modernization Program management information with the NAVSEA managed NDE-NM. To that end and over the past two years Naval Sea Logistics Center Pacific (NSLC Pacific), under contract to NAVSEA 04M, has supported the documentation of the requirements of SPAWAR specific FMPMIS features and installed a FMPMIS server with test data at SPAWAR. In addition, NAVSEA has been in the process of migrating the legacy FMPMIS information system into the NDE environment taking into account many of the SPAWAR requirements. During this time frame, SPAWAR established a group to manage installs in an effort to consolidate installation of systems to support battle group interoperability. An Installation Database (IDB) was established to support the planning and execution of these installations.

As the next step, SPAWAR 04 and NAVSEA 04 have agreed to formally integrate a SPAWAR installation planning and execution and data management into NDE-NM as NDE-SPAWAR INTEGRATED DATA ENVIRONMENT (NDE-SIDE). The NAVSEA NDE-NM team is in the process of developing a migration/integration strategy for the NAVSEA Enterprise Resource Planning (ERP) project. The Program Manager for the NAVSEA ERP roll out of national systems is Mr. Neil Woodward, NSLC Mech. SPAWAR will become part of that migration/integration team for NDE-NM/ERP.

Structure. SPAWAR 04 will become a member of the NDE-NM Automated Information System (AIS) subcommittee for the Fleet Modernization Program (FMP).

A NDE-NM/NDE-SIDE working group will be established with members from SPAWAR, NAVSEA and NSLC Pacific to coordinate and execute the migration and integration of IDB data and SPAWAR installation planning and execution processes into NDE-NM/NDE-SIDE.

This working group will coordinate plans with NAVSEA/SPAWAR ERP programs to prevent duplication of capabilities and to ensure data and system suitability for ultimate inclusion in the NAVSEA /SPAWAR ERP programs when appropriate.

NAVSEA 04M3 and SPAWAR 08/04 will identify and enforce respective command 'single points' for NDE-NM and NDE-SIDE data entry.

SPAWAR will be responsible for security and access to NDE-SIDE. All SPAWAR entered data into NDE-NM will be through NDE-SIDE.

The working group will provide a common report quarterly to NAVSEA 04M3 and SPAWAR 08/04. The initial report shall address:

- Approach (Functional Description)
- Schedule with key milestones (POA&M)
- Projected Resources (Budget)
- Security Implications
- ERP coordination

The immediate task for the working group is to enhance the interim replication between IDB and NDE-NM until SPAWAR functions and hardware has been established. NAVSEA will provide funding for the required NDE-SIDE development/replication hardware to support this MOA. NSLC Pacific will configure and install required hardware for the integrated environment.

The long-range task for the working group is to migrate SPAWAR Fleet Modernization planning and execution functions into NDE-SIDE and to interface/integrate with NDE-NM. The working group will accomplish this by documenting changes required to NDE-NM/NDE-SIDE database structure and business processes. NAVSEA 04M3 will provide the NDE-NM business rules and NSLC Pacific will provide the NDE design standards and software policies to the working group to be used for NDE-SIDE and the integration effort. The integration effort includes Up-front SPAWAR Command planning, the DSA and Installation Planning, and Execution processes.

The FMP Planning Subcommittee developed functional specifications for a new SAR process (NO.-9090-500C). SPAWAR will be tasked to integrate the SPAWAR SAR process with the requirements of the proposed Electronic Ship Alteration Report and Configuration Description Report e-SAR/CDR NO.-9090-500C, thus making one uniform SAR process.

NAVSEA is in the process of linking the NDE-NM alteration planning process to NDE ship configuration. The working group will participate in linking these processes for C4ISR alterations.

The NDE-SIDE working group will schedule, as appropriate, a system functional review and critical design review to ensure the effective requirements gathering, prioritization, cost-trade-off, and implementation of SPAWAR requirements. The ability to meet the desired 1 October 2002 go live date should be addressed no later than the first quarterly review in December 2001.

The working group will address risk areas, cost impact and mitigation schemes, as appropriate, when summarizing project costs.

Scope. Initial efforts by the NDE-NM/NDE-SIDE working group will address incorporation of SPAWAR installation information requirements currently supported by the SPAWAR IDB and Design Planning Tools into NDE-SIDE. This is consistent with the preliminary statement of requirements provided by SPAWAR through separate correspondence, but covers in summary:

- General web capabilities and security
- Installation planning
- Equipment management
- Installation financial management
- Design Planning
- Integrated Logistics Support Tracking
- Change Control
- Reporting

Follow-on efforts may be agreed to separately for expansion of NDE-NM to more fully incorporate logistics, training and sustainment as mutually agreed to by SPAWAR and NAVSEA

and consistent with developing ERP systems. This must be balanced with the desire to enforce a single point of entry and responsibility... to speak with one voice.

SPAWAR will be responsible for C4ISR NDE-SIDE work plan generation and execution. NAVSEA will be responsible for the dynamic exchange of fleet modernization planning, scheduling, configuration, and authorization data needed to support the planning and execution of C4ISR installation during CNO availabilities. NAVSEA will be responsible for integration of Fleet scheduled Windows of Opportunities(WOO) into NDE-NM and support the planning for C4ISR WOO FMP alterations.

Funding. SPAWAR 04 will provide additional FY02 funding to support the dynamic exchange of data between the IDB and NDE-NM during the initial integration period. NAVSEA will fund NSLC Pacific procurement and set-up of a development/replicator server for NDE-SIDE.

SPAWAR 04 will provide FY02 funding for the maintenance of NDE-NM resources located on site at SPAWAR.

In addition, SPAWAR will provide funding for the additional NDE-NM required for real-time integration of data in FY02. SPAWAR will fund the efforts to integrate the Up-front SPAWAR Command planning, the DSA and Installation Planning, and Execution processes.

It is understood when the NDE-NM capability is implemented that SPAWAR will incur an ongoing obligation to fund a fair share of NDE-NM maintenance and support costs relating to NDE-SIDE. These costs have been currently estimated at approximately \$80 K or less per year. Costs exceeding that amount will be by mutual agreement.

Should NAVSEA not fund NDE-SIDE development hardware, abandon NDE-NM prior to phase C of NAVSEA's ERP development, or not include SPAWAR in NDE-NM steering groups then this MOA will be non-binding.

Agreed to by:


Tona E. Evans, NAVSEA 04M 1/24/02
Date


Sharie J. Bourbeau, NAVSEA CIO 1/25/02
Date


Jeff A. Klein, SPAWAR 04A 1/15/02
Date


Sarah K. Lamade, SPAWAR CIO 1/15/2002
Date