MEMORANDUM OF AGREEMENT

BETWEEN

COMMANDER
MARINE CORPS SYSTEMS COMMAND
QUANTICO, VA 22134-5010

AND

COMMANDER
AVIATION AND MISSILE COMMAND
REDSTONE ARSENAL, AL 35898-5230

FOR THE

CONTINUED DEVELOPMENT AND
MAINTENANCE OF THE
INTERACTIVE AUTHORING AND DISPLAY
SYSTEM (IADS)

June 30, 1999

1. Purpose

a. This Memorandum of Agreement (MOA) establishes policies for the continued upgrade and maintenance of the Interactive Authoring and Display System (IADS) for use by the Marine Corps as its primary authoring and display system for Interactive Electronic Technical Manuals (IETM). This memorandum sets forth the Marine Corps' intent to continue to use IADS, to use the AMCOM IADS training, and to submit future IADS development and upgrades to AMCOM with appropriate funding. Simultaneously, AMCOM agrees to continue to support Marine Corps IADS efforts and training both now and in the future.

2. Policy

a. The Commander, Marine Corps Systems Command (MARCORSYSCOM) and The Commander, Army Aviation and Missile Command have recognized the need for joining in the cooperative development of IADS. The Army is designated as the Lead Military Service for the development of IADS with the Marine Corps as a Using Service. Development efforts preceding this MOA are not affected except for ongoing efforts requested by and funded by the Marine Corps; specifically this refers to the ability to print by task.

b. The Marine Corps requires AMCOM's assurance of Life Cycle Support for IADS for current and future programs. The desire is to form a partnership with AMCOM with a common goal in which each service has a vested interest in a shared, programmatic approach to the development of a world class IETM, which is Government-owned, nonproprietary, meets the goals of acquisition reform, and provides a JCALS tool. With AMCOM's assistance, the Marine Corps intends to train each level of the Corps' Acquisition Command and its users worldwide. The Marine Corps intends to work closely with current and future contractors to ensure a proper understanding of Marine Corps IETM development, delivery, and sustainment requirements. The desire is that these Marine Corps efforts will influence the entire DoD acquisition community through our goal to develop, enhance and maintain IADS as the standard for IETMs in the United States Marine Corps.

3. Scope of the Program

a. The scope of the IADS program consists of the System Definition as it exists today, the program staffing/organization by AMCOM, upgrades to the program planned by the Program Manager, IADS and those requested and

funded by MARCORSYSCOM and other customers who provide funding. It also includes training to be provided by AMCOM and maintenance of the system software and documentation.

4. System Description

a. Description: IADS is a Microsoft Windows application capable of running on any computer that supports Microsoft Windows. An 80486 PC with 16 megabytes of memory is the minimum recommended configuration for most hypertext applications.

IADS uses SGML (Standard Generalized Markup Language, ISO 8879) as the internal file format for textual data. Both vector and raster graphics are supported through the CALS standard data formats, MIL-D-28003 CGM and MIL-R-28002 Raster Type I, as well as other industry standard formats. IADS documents can be presented on screen in full color or black and white with support for multiple fonts.

IADS Reader

IADS is divided into two separate applications, READER and AUTHOR. The Reader software is designed to display the final document to the end-user. The user will have the ability to view documents and navigate through them to find needed information with some control over the display area. The user can access information through menu or button commands or "hotspots" (i.e., hypertext links) by using the mouse or keyboard. Document frames can be viewed in a sequential manner using the Next and Previous commands, while the Back feature provides a consistent view of all the frames previously viewed during the current IADS session. The user can also use the Search feature to locate information.

Special user tools include User Defined Private and Public Notes, Bookmarks, Reports, and Print capability from both the IADS Reader and both ViewImage and ZoomView, the image viewing tools. Finally, the user has access to a complete Online Help document for assistance while using the IADS Reader.

IADS Author

The IADS Author application provides tools to aid in hypertext document creation. IADS Author allows the author to test the document with the same functions and tools that the user has available with the IADS Reader. The author can

compose a document either in IADS revisable mode or in another text editor by utilizing SGML tags and attributes.

The File and Frame Properties authoring functions provide an interface for fine tuning the document File and Frame tag attributes, while the Custom Button Editor and Control Panel Editor allow the author to add, delete, and change the control panel buttons and set their spacing, size, and location. The StyleSheet application aids in formatting the document's onscreen appearance by reading the SGML tags in the underlying ASCII document.

An author can display graphics in the same frame as the text, in a ViewImage window, or in a ZoomView window. The ZoomView and ViewImage Authors provide hotspot or hypertext linking overlays on graphics.

Finally, the author can validate a hypertext document using the public domain SGML parser provided with the IADS Author, and then check hypertext links utilizing the separate Link Verifier program.

b. Operational Impact: The impact of fielding IETMs in the operating forces is far reaching and its total impact is not yet fully understood. Some of the immediate and obvious impacts are cost savings to prepare, distribute and maintain, ease of reviewing and staffing during the preparation process; space savings at the distribution point and in the operating forces and more rapid response to changes generated by the operating forces. As the technology continues to develop and access to web technology improves in the operating forces, the Marine and Soldier in the field will have near, real time access to newly developed information about the equipment they use every day.

5. Program Staffing/Organization

a. The IADS program is already functioning in terms of planning, organization and control under the auspices of the Program Manager, IADS. Located at the U.S. Army Aviation and Missile Command, Redstone Arsenal, Alabama, this program office will continue to address requirements of the Lead Military Service and other participating Services and, as such, will be the single point of contact for all official actions within the Services.

6. Roles and Responsibility

a. AMCOM will be the Program Manger and single central executive responsible for successfully managing the IADS program as follows:

(1) Continue to be Lead Military Service for the development, update, and maintenance of IADS.

(2) Continue to be the single point of contact for all official actions for IADS.

(3) Assure continued support of ongoing and future Marine Corps funded IADS efforts.

(4) Assure continued Life Cycle support for IADS for current and future weapons systems programs.

(5) Continue to provide staffing and organization for IADS within AMCOM.

(6) Continue to provide IADS training.

(7) Continue to coordinate all programmatic decisions pertaining to the Marine Corps with the Marine Corps before execution.

b. MARCORSYSCOM will participate in the IADS program as follows.

(1) Continue to use IADS as provided by AMCOM.

(2) Continue to use IADS training as provided by AMCOM.

(3) Continue to submit IADS development and upgrade requirements to AMCOM.

(4) Continue to monitor DoD and Industry IETM development efforts.

(5) Continue to standardize IETM development using IADS.

7. Review and Update

a. This MOA will be reviewed and updated periodically with the mutual agreement of AMCOM and MARCORSYSCOM.

b. This agreement will become effective immediately upon signing by the approving authorities of all parties. The provisions of the agreement are binding and can only be changed or waived by a joint agreement between the parties. The Program will be reviewed at Redstone Arsenal, AL or Quantico, VA periodically to determine if it remains in consonance with U.S. Marine Corps objectives.

Forwarded By:

Program Manager, IADS
AMSAM-MMC-LS-LPI

9/23/99
Date

Branch Head
MARCORSYSCOM(PSD)

9/21/99
Date

Recommended By:

Director, IMMC
AMSAM-MMC

9/23/99
Date

Director
MARCORSYSCOM(PS)

9-21-99
Date

Approved By:

Commanding General, (Major General)
US Army AMCOM

1 Nov 99
Date

Commander (Acting)
MARCORSYSCOM

8 Oct 1999
Date