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TECHNICAL REPORT

MC83-DSWS-0002

Assessment of
Computer Resource Management Plan
for
Division Support Weapon System

February 1983

Prepared for

U.S. Army ARRADCOM
Project Manager/Joint Project Manager
Cannon Artillery Weapons Systems/Guided Projectiles
Dover, New Jersey 87801

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1.0 INTRODUCTION

This report presents the results of an assessment of the Computer Resource Management Plan (CRMP) for the Division Support Weapon System (DSWS). The regulation used in the assessment of the CRMP was DARCOM-R 70-16.

2.0 DISCUSSION

The results of TBE's review of the DSWS CRMP were briefed to DSWS PMO personnel on 9 February 1983. The viewgraphs used in this presentation are contained in Appendix A.

The CRMP for the DSWS was initiated at the appropriate point in the development cycle, and the DSWS Project Office was effective in obtaining the involvement of the program participants in the CRMP preparation. The CRMP is consistent with the intent of DARCOM-R 70-16. However, there are three areas which TBE feels could be improved:

- Hardware discussion;
- Personnel requirements; and
- Computer resources required for support . ←

First, there is more hardware discussion than is required to define the software environment. This extraneous hardware discussion distracts from the more relevant information and adds to potential confusion on the part of the reader.

Second, even at this early stage in the program, it is felt that more detailed personnel requirements can be defined. The effort expended at this time, to identify personnel which will be required in later phases of the DSWS program, will help to identify potential staffing problems in the future.

Thirdly, just as early identification of personnel requirements are beneficial, so also is the early identification of computer resources required for support.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Although there are areas in which the CRMP could be improved, it must be remembered that the CRMP is a dynamic document and, as such, is subject to change/update as the DSWS program evolves. The current CRMP is consistent with the intent of DARCOM-R 70-16 and recommended for distribution to the DSWS program participants.

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APPENDIX A

Viewgraphs used in presentation
9 February 1983 to DSWS PMO

DSMS CRMP REVIEW

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OUTLINE

● **CRMP OBJECTIVES**

● **REVIEW CONSIDERATIONS**

● **CONCERNS**

● **CONCLUSION**

CRMP OBJECTIVES

- COMPUTER RESOURCE DEFINITION
- COMPUTER RESOURCES INTEGRATION RESPONSIBILITIES
- COMPUTER RESOURCES REQUIRED FOR SUPPORT
- PERSONNEL REQUIREMENTS
- TRANSITION FROM DEVELOPER TO USER/SUPPORT
- MANAGEMENT PLANNING
- METHOD FOR DEMONSTRATION OF PDSS CAPABILITY

REVIEW CONSIDERATIONS

● COMPLIANCE WITH DARCOM-R 70-16

● CLARITY

● COMPLETENESS

● CONSISTENCY

CONCERNS

- **HARDWARE DISCUSSION**
- **PERSONNEL REQUIREMENTS**
- **COMPUTER RESOURCES REQUIRED FOR SUPPORT**

CONCLUSION

- TIMELY INITIATION OF CRMP
- INVOLVEMENT OF PROGRAM PARTICIPANTS IN CRMP PREPARATION
- CONSISTENT WITH DARCOM-R 70-16
- CRMP IS A DYNAMIC DOCUMENT

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