

**ARI Contractor Report 97-23**

---

**Database Development and Population  
to Enrich Defense Manpower Data Center  
Files: Report Summarizing Development  
of Database Activities**

**Lewis Henderson  
BDM Federal, Inc.**

19970825 137

This report is published to meet legal and contractual requirements and may not  
meet ARI's scientific or professional standards for publication.

**August 1997**

**United States Army Research Institute for the Behavioral and Social Sciences**


Approved for public release; distribution is unlimited

**DTIC QUALITY INSPECTED 3**

# U.S. ARMY RESEARCH INSTITUTE FOR THE BEHAVIORAL AND SOCIAL SCIENCES

A Field Operating Agency Under the Jurisdiction  
of the Deputy Chief of Staff for Personnel

EDGAR M. JOHNSON  
Director



## NOTICES

**DISTRIBUTION:** This report has been cleared for release to the Defense Technical Information Center (DTIC) to comply with regulatory requirements. It has been given no primary distribution other than to DTIC and will be available only through DTIC or the National Technical Information Service (NTIS).

**FINAL DISPOSITION:** This report may be destroyed when it is no longer needed. Please do not return it to the U.S. Army Research Institute for the Behavioral and Social Sciences.

**NOTE:** The views, opinions and findings in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy, or decision, unless so designated by other authorized documents.

REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.				
1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE August 1997	3. REPORT TYPE AND DATES COVERED Final Report 8/22/96-4/1/97		
4. TITLE AND SUBTITLE Database Development and Population to Enrich Defense Manpower Data Center Files: Report Summarizing Development of Database Activities		5. FUNDING NUMBERS MDA 903-92-D-0075-0048 2114 CO14 665803 D730		
6. AUTHOR(S) Lewis Henderson				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) BDM FEDERAL INC. DOD CENTER MONTEREY BAY 400 GIGLING ROAD SEASIDE, CA 93955		8. PERFORMING ORGANIZATION REPORT NUMBER		
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) U. S. ARMY RESEARCH INSTITUTE FOR THE BEHAVIORAL AND SOCIAL SCIENCES 5001 EISENHOWER AVENUE ALEXANDRIA, VA 22333-5600		10. SPONSORING/MONITORING AGENCY REPORT NUMBER  Contractor Report 97-23		
11. SUPPLEMENTARY NOTES The COR is Michael R. McCluskey. This report is published to meet legal and contractual requirements and may not meet ARI's scientific or professional standards for publication.				
12a. DISTRIBUTION AVAILABILITY STATEMENT APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED		12b. DISTRIBUTION CODE		
13. ABSTRACT (Maximum 200 words) BDM provided database enhancement for the DMDC MGIB files, Operation Transition files, PGVH files, and the DMDC SITES files. This support included improved collection of data from the Services, analysis for quality assurance purposes, and modification of data to meet database requirements. BDM assisted DMDC in developing improved data distribution mechanisms. Such improvements included file transfers, bulletin board operations, web and data servers, and LAN/WAN design and development.				
14. SUBJECT TERMS DMDC, MGIB files, Operation Transition files, PGVH files, SITES files, bulletin board operations			15. NUMBER OF PAGES 2	
			16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT UNCLASSIFIED	18. SECURITY CLASSIFICATION OF THIS PAGE UNCLASSIFIED	19. SECURITY CLASSIFICATION OF ABSTRACT UNCLASSIFIED	20. LIMITATION OF ABSTRACT UNL	

DATABASE DEVELOPMENT AND POPULATION TO ENRICH  
DEFENSE MANPOWER DATA CENTER FILES

---

**Subtask 1:**

Objective.

The objective of task one was to create a plan of work for the successful execution of the remaining tasks. Each subtask has specific objectives and identification of the data needed to execute these tasks is the key to planning.

Accomplishments.

Each subtask leader identified the critical data elements, data collection methods, data storage methods and data retrieval and reporting requirements in order to successfully accomplish planning for task execution. Plans are discussed as needed with the appropriate DMDC division chief as a part of normal on-going staff meetings and guidance was provided as needed.

**Subtask 2:**

Objective.

BDM is providing data collection and maintenance support of the DMDC MGIB files, Operation Transition Files, PGVH files, and the DMDC SITES files. This support includes collection of data from the Services, modification of data as needed to meet database requirements, and the redistribution of data in new formats as required.

Accomplishments.

1. BDM is providing database enhancement for the DMDC MGIB files, Operation Transition Files, PGVH files, and the DMDC SITES files. This support includes improved collection of data from the Services, analysis for quality assurance purposes, and modification of data as needed to meet database requirements.
2. Turnover of PGVH data collection to the government was completed.
3. Work on the Southcom relocation database was sustained and data collection continued.

**Subtask 3:**

Objective.

BDM receives data from a variety of sources for DMDC. The data must be analyzed for quality assurance purposes and input into the appropriate databases.

Accomplishments.

1. Data Delivery Mechanism Development and Enhancement. BDM assisted DMDC in developing improved data distribution mechanisms. Such improvements include file transfers, bulletin board operations, web and data servers, and LAN/WAN design and development.
2. Specifically, BDM assisted in the refinement of the SITES Web Service and in product improvements to the Transition BBS software to aid data transfer and reliability.

**Subtask 4:**

Objective.

Support will be provided for the continued operation of the Transition Bulletin Board, the Persian Gulf Hotline network, the personnel security files, the DMDC LAN, and the SITES technical interchange.

Accomplishments.

1. Support was provided for the continued operation of the Transition Bulletin Board and the Persian Gulf Hotline networks. Technical support was provided to the DMDC LAN to include installation of new systems, modification of existing system software and replacement of defective components.