

PROJECT SUMMARY

Automated Catalog of Personnel and Training Data Elements and Codes

1. Need for the Project: The current and historical manpower, personnel, and training (MPT) data bases developed and maintained for Manpower and Personnel Research Division R&D projects contain hundreds of data elements in detailed coding schemes which have evolved in Air Force and DoD data systems over the past 30 years. To utilize the MPT data bases, it is essential that the data element and code meanings be maintained and tracked for changes historically.

Consequently, there is an ongoing need for updates and maintenance of a comprehensive catalogue of personnel and training data elements and code meanings which spans the same historical time period as the MPT data bases.

2. How the Project Meets Needs: Under this project, an automated data element and code meanings catalogue, called File Item Data Overview (FIDO), is updated and maintained. It consists of a data base containing 1277 data elements and their code definitions from DOD Dictionary 8320 (formerly Air Force Regulation 700-20, Air Force Data Dictionary), earlier code systems, and selected nonstandard data systems. The data base is augmented with an automated update and inquiry/retrieval system. As FIDO is currently implemented, scientists may obtain all code values in effect dating back to the establishment of a given data element or may specify inclusive dates and get only those codes in effect during the interval in question. The data can be displayed on an interactive terminal or a printed report may be obtained showing title, data element name, definition/explanation, code values, effective dates, and explanation of code values. The FIDO information can also be retrieved by programming personnel in automated form for use in data base development and analyses for specific R&D projects.

3. Products/Interim Products: The FIDO system is updated twice a year with update information provided by several sources. The primary source is DOD Dictionary 8320 which comes in automated form and provides information on 1637 data elements. The other update sources pertain to a much smaller number of data elements which must be done manually from hard copy documentation. These include Air Force Specialty Codes, accession/separation transition identifier numbers, mandatory selector aptitude scores for enlisted specialties, plus others, as well as some in-house coded data elements that are needed for MPT research projects.

4. Payoffs: FIDO directly supports virtually all facets of MPT R&D in the Manpower and Personnel Research Division. Many R&D efforts involve the use of the current and historical personnel data bases. The availability of automated Air Force and DOD data elements along with their code meanings over time, combined with extensive usage by programmers/analysts, represents a sizeable savings in work hours. These hours would otherwise be spent researching hundreds of manuals and/or microfiche by hand to identify the needed codes for a given historical time period. In addition, the historical information in the FIDO system is a unique Air Force resource which is regularly provided to outside requesters in the Air Force and DOD MPT community.

5. Users: AL/HRM, other AL, HQ USAF, HQ AFMPC, AETC, DOD

6. Requirements: AL/HR Program Objective
7. Program Manager: James Brazel prior to 1 Oct 93; Laurel Betz as of 1 Oct 93
8. Program Element, Work Unit: 62205F, 77192602 (may be closed and consolidated with 77192601)
9. Milestones: See attachment 1
10. Last Update to Project Summary: 1 May 04

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Milestones

<u>Source</u>	<u>Data Elements</u>	<u>Updates</u>
DOD Dictionary 8320	Air Force data codes	March, September (6 weeks)
AFR 39-1	Airman AFSC (AI-705 Atch 2) AFSC-AMN-DC AFSC-AMN-From/To	April, October (1 week)
AFVA 39-1	Airman AFSC Visual Aid AFSC-AMN-DC3 (3 char) CAR-FLD-AMN (2 chars)	April, October (2-3 days)
AFR 36-1	Officer AFSC (AI-705 Atch 2) AFSC-OFF-DC AFSC-OFF FROM/TO	April, October (1 week)
AFVA 36-1	Officer AFSC Visual Aid AFSC-OFF-DC3 (3 Chars) CAR-FLD-OFF (2 Chars)	April, October (2-3 days)
Prior source obsolete; pending replacement	Transaction Identifier Number SE-602-AMN, SE-602-OFF TRA-ID-AMN, TRA-ID-OFF	March, September (3-4 weeks)
DOD Dictionary 8320, AFR 50-3	Colleges and Universities of the World IN-752	October (1 week)
AFR 36-1 (Atch 26)	Officer Experience Identifier EX-612	April, October (2 weeks)
AFR 36-1 (Atch 26)	Activity Codes AC-790	April, October (1 week)
AFR 36-1 (Atch 26)	Special Experience Identifier SP-160	April, October (1 week)
AFR 39-1	Mandatory Aptitude Entry Level Scores MAN-APT-SCORES	April, September (2-3 weeks)
AFM 30-3 (Vol. I)	Personnel Transaction Identifier PTI-AMN PTI-OFF ANG-PTI-AMN ANG-PTI-OFF RES-PTI-AMN RES-PTI-OFF	July (2 weeks)

Note: If requests are received for new data elements to be added to FIDO, all the meanings are researched and manually added. These requests are received occasionally and are included as additional milestones for team personnel.