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United States Army Research Institute for the Behavioral and Social Sciences

July 2002

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NOTE: The findings in this Study Note are not to be construed as an official Department of the Army position, unless so designated by other authorized documents.
This document describes the procedures performed to add 1999 and 2000 personnel data to the Longitudinal and Core data sets of the Officer Longitudinal Research Data Base (OLRDB) and the Core Data Set of the Officer Standardized Educational Testing Data Base (OSETDB). These data sets, which were designed for research purposes, contain historical and current data on U.S. Army Officer personnel. The OLRDB contains career history data primarily from the 1979 through 2000 Officer Master Files (OMF) and the Separation Officer Master Files (SOMF). A secondary data source was included to record early separations due to incentive programs. These data were captured from the Voluntary Separation Incentive/Special Separation Benefit (VSI/SSB) file. The OSETDB contains academic measures for officer personnel commissioned between 1980 and 1990 in the form of standardized scores. The testing data consists of the Scholastic Aptitude Test (SAT) from the Educational Testing Service and the American College Test (ACT) from the American College Testing Program for the academic years 1973 through 1985.

15. SUBJECT TERMS
commissioned officer; personnel data bases; military personnel data bases; longitudinal data base
Update of U.S. Army Research Institute's 
Officer Personnel Research Data Bases 
For 1999 and 2000

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Update of the U.S. Army Research Institute's Officer Personnel Research Data Bases for 1999 and 2000

INTRODUCTION

Since the 1970s, the U.S. Army Research Institute for the Behavioral and Social Sciences (ARI) has maintained a set of data bases that contain historical and current data on the U.S. Army officer personnel. The longitudinal and core data sets of the Officer Longitudinal Research Data Base (OLRDB) and the core data set of the Officer Standardized Educational Testing Data Base (OSETDB) were designed to be a ready source of Army career history information for analysis of career path issues such as attrition, retention, and promotion, as well as a complement to survey data collected to study leader development, organizational commitment, and other issues.

Originally, the OLRDB also consisted of four other data sets: Reserve Officer Training Corps (ROTC) Advanced Camp, ROTC Commissioning, United States Military Academy (USMA), and the Automated Instructional Management System (AIMS) data sets. The ROTC and USMA data sets contain data from 1982 through 1991 and the AIMS contains data from 1985 to 1991, and have not been updated since 1991. ROTC and USMA data sets contain pre-commissioning data while the AIMS contains post-commissioning data on performance in training. Please refer to Lori Ramsey, et al. (1992) for more information on these data sets.

The OLRDB and OSETDB are being updated every other year. The last update of the 1997-1998 cycle was completed in September 1999. The 1997-1998 OLRDB longitudinal and core data sets consist of fields selected from the 1979 through 1998 Officer Master Files (OMF), the 1979 through 1998 Separation Officer Master Files (SOMF) maintained by the U.S. Army Personnel Command (PERSCOM), and the 1992 through 1998 Voluntary Separation Incentive/Special Separation Benefit (VSI/SSB) data supplied by the Defense Manpower Data Center (DMDC). The availability of the VSI/SSB data allows researchers to gain a better understanding of the current and future impact of early separation incentive programs on officer personnel. Separation data for 1970 through 1978 from the Master and Loss File (MLF), maintained by DMDC, were also included to provide officer history during the transition to the volunteer Army.

The OSETDB core data set contains academic aptitude measures in the form of standardized scores for the Army officer corps. Standardized test data were added to Commissioned Army officer personnel records to develop the initial data set. The OLRDB core 1990 data set was utilized to identify officers commissioned between 1980 and 1990. Testing data, consisting of Scholastic Aptitude Test (SAT) scores from the Educational Testing Service (ETS) and American College Test (ACT) scores from the American College Testing Program for the academic years 1973 through 1985, were collected and matched into the officer records.
OBJECTIVES

The objectives of this project were to update the existing longitudinal and core data sets of the OLRDB and the core data set of the OSETDB with OMF, SOMF, and Voluntary Separation Incentive/Special Separation Benefit (VSI/SSB) data; and to update the OSETDB core data set with data from the OLRDB core data set. To meet these objectives, current information was added to the officer data sets as follows:

- OMF and SOMF data for 1999 and 2000 were added to the OLRDB longitudinal and core data sets to provide recent officer personnel data. To supplement separation history, early separation incentive data from the fiscal year 1999 VSI/SSB file were incorporated into the data sets.

- To capture the most recent officer personnel data, the existing data in the core section of the OSETDB core data set were replaced with data from the 1999 and 2000 OLRDB core data sets.

- To provide more extensive information on officer history, the OLRDB core data set was updated with assignment history data elements from the 1999 and 2000 OMF and SOMF data.

The following tasks were to be accomplished under this project.

1. Update the existing OLRDB longitudinal data set with the 1999-2000 source data.

2. Update the existing OSETDB longitudinal data set with the 1999-2000 source data.

3. Convert and verify the update processing from NIH mainframe Programming Language I (PL/I) programs to personal computer (PC)-based Statistical Analysis System (SAS) programs.

4. Retrieve cases that were inappropriately deleted from the OLRDB database from 1995 through 1998.

5. Extract selected OSETDB assignment history data elements and add them to the current OLRDB database.

The remainder of this report describes the activities and results of each of these tasks.
TECHNICAL APPROACH

Task 1: Update the existing OLRDB longitudinal data set with the 1999-2000 source data

The Officer Longitudinal Research Data Base (OLRDB) was designed to be updated with annual Officer Master File (OMF) and Separation Officer Master File (SOMF) data. The OLRDB longitudinal data set is a character file containing separate segments for each year of OMF history for an officer and is updated by adding annual data to fixed locations within the record. The section of the longitudinal data set containing the final or most recent officer information was also converted into a SAS file referred to as the core data set.

The source data that were used to update the OLRDB longitudinal data set consisted of the 1999 and 2000 OMF and SOMF data and the 1999 fiscal year Voluntary Separation Incentive/Special Separation Benefit (VSI/SSB) data. PERSCOM provided the OMF and SOMF data (under the data request known as DCSPER 477) and the VSI/SSB file was supplied by DMDC.

For privacy concerns, the social security numbers in the final OLRDB were replaced with a unique nine digit identification number called MATCHCOD. The encryption was performed using a complex algorithm, a copy of which has been provided to ARI for secured storage.

Task 1.1: 1999 OLRDB Updates

Initially, there were several problems associated with the FY1999 OMF and SOMF data files that ARI received from PERSCOM, resulting in unexpected delays. These problems included: (a) the cut-off date was not September 1999, (b) the record length was longer than expected, and (c) the record count for SOMF was only 10% of what was provided in previous years. Eventually, ARI received corrected data for the 1999 OMF and SOMF. The variables that were needed for the 1999 updates were extracted and frequency distributions were produced to check for invalid or out-of-range values. The FY1999 OMF file contained a total of 76,528 records. There were no duplicate or inactive records on the file. A total of 11,320 Warrant officer records were eliminated from the OMF, resulting in a final record count of 65,208. The FY1999 SOMF file contained a total of 6,943 records and no duplicates were found. A total of 993 Warrant officer records were eliminated from the SOMF, resulting in a final record count of 5,950 separation records.

The fiscal year VSI/SSB source file provides separation history for officer personnel who separated from the Army under incentive programs. The separation incentive program was established in January 1992. DMDC maintains the VSI/SSB data base throughout the year by updating existing records. ARI receives a fiscal year end file. The fiscal year of the data is determined by the Program Fiscal Year data element, which is derived from the Date of Offer or from the Expiration of Term of Service (ETS)/Separation Date. A record layout supplied by DMDC was used to locate the VSI/SSB data elements that were needed for the OLRDB. To avoid duplication of information, VSI/SSB data elements were not included in the OLRDB data sets if the data were present from the OMF or SOMF source files. Beginning 2000, DMDC no
longer provides the VSI/SSB source file due to the discontinuance of the separation incentive program in the Army.

The FY1999 VSI/SSB data file was received from DMDC in November 2000. The data records were checked against the previous FY1998 data file and no discrepancies were found. The relevant variables were extracted and added to the 1999 OLRDB. The FY1999 VSI/SSB (cumulative) data file contained a total of 11,955 records and 244 of them were matched to the 1999 OMF/SOMF extract. This incentive program is being phased out by the government and, consequently, very few new records are being added to the DMDC VSI/SSB file.

The original 1998 OLRDB update program was modified and executed to add master and separation data to the appropriate segments of the existing officer records and to add new officers to the longitudinal data set. As stated in the previous reports for OLRDB updates, the OLRDB was designed to provide consistent information on the history of each officer. Officer records were eliminated from the longitudinal data set if entry or separation dates were out of range in relation to the file year or gaps in officer history were discovered. The absence of an OMF or SOMF record in the year of entry into active duty was considered a gap in the officer history. An officer record with master data in a year segment without OMF or SOMF data present in the following year also indicated a gap. As described in previous reports, these edits consistently eliminated 1% to 2% of the records from inclusion on the OLRDB data sets. [Note: a discussion of the impact of the elimination of 1-2% of the records from inclusion in the OLRDB data sets can be found later in this report.]

The update program searches for the occurrence of an officer with an OMF and SOMF record appearing in the same year and updates the existing OLRDB record following the decision rules outlined below:

- If the OMF and SOMF had the same Entry on Active Duty in Current Tour (EADC) dates, then the information from the SOMF record was used;
- If the OMF record contained a later EADC date than the SOMF, then the data from the OMF record, and the Separation Program Designator (SPD) and the separation date fields from the SOMF record, were both used;
- If a later EADC date was present on the separation record, the separation data from the SOMF record was used.

The final step of the update program was to assign the appropriate values to the master, duty, and separation flags to indicate if an officer remained or separated from active duty for each year of MLF, OMF, and SOMF data in the longitudinal data set. The master and separation flags are indicators for the 1979 through 1999 OMF and SOMF data. The duty flags were created for the 1970 through 1978 MLF data, but also denote the presence or absence of OMF data for 1979 through 2000. The final 1999 updated OLRDB contained a total of 352,991 officers and a record length of 4,413 bytes. Please refer to Appendix A and Appendix B for the variable description and record layouts of the 1999 longitudinal data sets.
The core sections of the 1999 OLRDB longitudinal data set were converted into a SAS system file with encrypted SSN. Although ARI no longer has a need for a SAS system file, the file was necessary for the processing of the OSETDB described in Task 2 below. The 1999 core data set contained a total of 204 data elements.

Task 1.2: 2000 OLRDB Updates

The FY2000 OMF file contained a total of 76,107 records. There were no duplicate or inactive records. A total of 11,318 Warrant officer records was eliminated from the OMF, resulting in a final record count of 64,789. The FY2000 SOMF file contained a total of 6,875 records and there were no duplicates. A total of 1,047 Warrant officer records was eliminated from the SOMF, resulting in a final count of 5,828 separation records.

As previously mentioned, VSI/SSB data were no longer available from DMDC after the FY1999 shipment. Consequently, the FY1999 file was used for the 2000 updates. Out of a total of 11,955 records from the FY1999 VSI/SSB, only 199 records were matched to the 2000 OLRDB data set.

The 1999 OLRDB update program was modified and executed to add master and separation data to the appropriate segments of the existing officer records and to add new officers to the 1999 longitudinal data set to create the 2000 data set. Again, the outputs generated from the 2000 updates were carefully compared with the 1999 outputs. No discrepancies were noted. The final 2000 updated OLRDB contained a total of 352,991 records with a record length of 3,949 bytes.

Up to this point, all processing and updating of the OLRDB were done using the National Institutes of Health (NIH) mainframe computers, using the computer programs developed by the previous contractor. The main goal was to maintain and verify the accuracy of the update procedures as previously performed to ensure a smooth transition. Every update procedure used in the past was followed, all necessary changes to the computer programs to accommodate the 1999-2000 updates were carefully made, and all computer-generated outputs were compared. After following these procedures, a discrepancy was found in preparing a table for the final report. The purpose of this table was to show the number of officers separated from active duty by year. According to the previous report, the number of officers separated was around 5,000. However, in year 1999 it dropped down to 3,153, and in year 2000 the number of officers separated was only 1,043.

After a thorough investigation it appeared that, since 1990 and probably even earlier, active records (as defined by having a new OMF record since the previous update) had been deleted from the OLRDB database when the current update program could not locate a master OMF or SOMF record. Over 10,000 of such records were deleted from the OLRDB database since the 1995/96 update cycles. It was discovered that the master or separation records of many cases did not show up on the OMF or SOMF file as provided by PERSCOM until the following fiscal year. Because the existing records had already been deleted from the OLRDB database during the previous update, the master or separation records were not able to post the current
information, causing the OLRDB database to lose records that were supposed to have been maintained longitudinally.

Funding for retrieving these cases was provided and an extension for the contract was approved in September 2001. Please refer to Task 4 for details.

Task 2: Update the existing OSETDB longitudinal data set with the 1999-2000 source data

The 1990 core data set of the Officer Standardized Educational Testing Data Base (OSETDB) was developed to provide academic aptitude measures for the Army officer corps in the form of standardized test scores. Standardized test scores were added to a sample group of Commissioned Army officer personnel. This sample group consisted of officers commissioned between 1980 and 1990 from the Officer Longitudinal Research Data Base (OLRDB) core data set. Refer to the "Officer Standardized Educational Testing Data" (Ramsey & Fertig, 1992) report for a description of the development and content of the OSETDB core data set.

Due to the sensitive nature of the test score information supplied by the testing services, all personal identifying fields were removed from the OSETDB. Social security numbers and the encrypted social security numbers were removed to ensure the data could not be matched to any other data files. A unique identification number (IDNUM) was added to each record. IDNUM does not correspond to any other record identifier in the officer data sets or the test data source files.

The OSETDB core data set is updated by overwriting the existing Commissioned officer records with data from the OLRDB core data set. The sample group of Commissioned officers in the OSETDB remains constant; new officer records are not added nor are existing officers removed. The OLRDB core data set contains the final or most recent officer data obtained from the OMF and SOMF data sets in addition to separation incentive data from the VSI/SSB file. Because the original OSETDB record identifiers were removed, it was not possible to directly match to other data sources, such as the OMF, SOMF, and the VSI/SSB. Consequently, the encrypted social security number was linked temporarily onto the OSETDB in order to match to other source data. Upon completion of the processing, all record identifiers, except for IDNUM, were removed from the final OSETDB data set.

Task 2.1: 1999 OSETDB Updates

The processing of the OSETDB 1999 updates involved matching the 1999 OLRDB core data set to the OSETDB and extracting the OSETDB history assignment variables from the 1999 OMF and SOMF data files. The officer personnel records from the 1999 OLRDB core data set were merged with the 1998 OSETDB core data set to create the 1999 version of the OSETDB. The OLRDB officer records that matched to the records in the OSETDB data set replaced the existing information on the OSETDB.
In order to process this step, the 1998 OSETDB core data set was first created as a SAS file and then converted into a character file. The 1999 OSETDB character file was updated with the 1999 OMF/SOMF extracts to create the final 1999 OSETDB data set. The assignment history data elements were appended to the existing OSETDB records. As a result, the data elements repeat each year from 1979 through 1999. For cases where the OMF or SOMF data element was not available in every year from the source file, missing values were assigned. Of the 71,098 records from the 1999 OMF/SOMF, 30,280 were matched to the OSETDB.

Task 2.2: 2000 OSETDB Updates

The processing of the OSETDB 2000 updates was similar to the 1999 updates and involved matching the OLRDB core data set to the OSETDB and extracting the OSETDB history assignment variables from the 2000 OMF and SOMF data files. The officer personnel records from the 2000 OLRDB core data set were merged with the 1999 OSETDB core data set to create the 2000 version of the OSETDB. The 2000 OLRDB officer records that matched records in the OSETDB data set replaced the existing information on the OSETDB. The 2000 OSETDB character file was updated with the 2000 OMF/SOMF extracts to create the final 2000 OSETDB data set. The assignment history data elements were appended to the existing OSETDB records in a longitudinal format (i.e., generating separate values for each year). As a result, the data elements repeat each year from 1979 through 2000. For cases where the OMF or SOMF data element was not available in every year from the source file, missing values were assigned. Of the 70,617 records from the 2000 OMF/SOMF, 29,273 were matched to the OSETDB.

A total of 310,020 officers is included in both of the 1999 and 2000 OSETDB data sets. Because new officer records are not added nor are existing officers removed from the OSETDB as they were in the OLRDB, the problem discussed in the previous section regarding cases being deleted did not occur in the final OSETDB data sets. Please refer to Appendix C and Appendix D for data elements and record layout of the 1999 and 2000 OSETDB data sets.

Task 3: Convert and verify the update processing from NIH mainframe Programming Language I (PL/I) programs to personal computer (PC) based Statistical Analysis System (SAS) programs

Since the creation of the longitudinal OLRDB data sets in the 1980s, the computer processing was done at the NIH mainframe computers. Over time, ARI has switched the processing of most of its research data sets from NIH to PC-based processing except for the OLRDB and OSETDB. The two main reasons are: (a) the enormous size of the data sets (the 1979-1998 OLRDB was 1.5 gigabytes), and (b) the update programs were written in PL/I programs for mainframe use.

As part of the 1999-2000 OLRDB updates, an effort was undertaken to convert the PL/I update programs to SAS, a more widely used programming language, and to test-run those programs on a PC-based platform. The 1999 updates of the OLRDB consisted of executing a total of 37 computer programs. These programs were mainly PL/I programs for extracting and updating, IBM utility programs for sorting and merging, and SAS programs for listing cases and
producing frequency distributions. After a detailed system analysis of steps involved, five SAS programs were written:

1. To extract OMF variables for OLRDB, and to sort and drop inactive and duplicate records of warrant officers from the file. This program also produces frequency distributions of all variables for checking out-of-range and invalid values

2. To extract SOMF variables for OLRDB, sort and drop warrant officers and duplicate records from the file. This program also produces frequency distribution of all variables for checking out-of-range and invalid values.

3. To merge OMF and SOMF records into one file by Entry on Active Duty in Current Tour (EADC) and convert out-of-range and invalid values to missing for all variables.

4. To extract variables from the VSI/SSB data file, and to sort and add the variables to the merged OMF/SOMF file.

5. To update the OLRDB data set with the new OMF/SOMF/VSI records where appropriate, and also to ensure that no existing officer records will be deleted.

The 1999 update programs were used as prototypes for the conversion in exploring the feasibility of updating the OLRDB on PC. The NIH cartridge tapes that contained the 1999 OMF, 1999 SOMF, and the 1999 VSI/SSB data sets were sent to a conversion service for converting the data from cartridge tapes to CD-ROM for PC use.

After each SAS program was successfully executed, the computer outputs were compared with the ones that were generated at NIH. Furthermore, at the completion of the final OLRDB, a byte-by-byte comparison of a sample of 10,000 records from the 1999 OLRDB data set generated on PC and the version generated at NIH mainframe computer was also performed, and no discrepancies were found.

With the successful creation of the 1999 OLRDB on PC using the SAS programs converted from mainframe programs, ARI no longer needs to use the NIH mainframe for processing the OLRDB.

Task 4: Retrieve cases that were inappropriately deleted from the OLRDB database from 1995 through 1998

During the data verification of the final 2000 OLRDB data set, it was found that previous updates had deleted active records from the OLRDB for lack of matching master or separation records. Although this problem probably had been in existence since the creation of the first OLRDB, it was not feasible to go all the way back to re-create the OLRDB from scratch. A further analysis showed that over 10,000 records were deleted from 1995 to 2000. Table 1 shows the number of records removed from the OLRDB from 1995 to 2000. The number of deletions
increased dramatically from 1995 to 1999, suggesting that the problem was likely less severe in earlier years.

Table 1
Number of Officer Records Deleted from OLRDB by Year

<table>
<thead>
<tr>
<th>Year</th>
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<th>Year</th>
<th>n</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995</td>
<td>750</td>
<td>1998</td>
<td>2,999</td>
</tr>
<tr>
<td>1996</td>
<td>1,440</td>
<td>1999</td>
<td>5,201</td>
</tr>
<tr>
<td>1997</td>
<td>2,947</td>
<td>2000</td>
<td>236</td>
</tr>
</tbody>
</table>

Due to resource limitations and time constraints, the decision was to go back and re-create the final OLRDB from 1995-2000 and retrieve those deleted cases. Using the SAS programs developed for the 1999 updates, the recreation began with the 1995 OLRDB updates. At the completion of each update cycle, a byte-by-byte comparison of a sample of 10,000 records from the OLRDB data set generated on PC and the version generated at NIH mainframe computer was performed in order to ensure the accuracy of the updates. This also provided another opportunity to validate the programs developed for PC. During the re-creation of the OLRDB 1995 to 2000, the previous update procedures were followed, and there were no other changes introduced except to retrieve those cases that had been deleted. Consequently, additional work was introduced because in 1995, medical variables were added to the OLRDB and therefore an extra set of programs were developed to extract the medical variables from the 1979 to 1999 OMF and SOMF files. Furthermore, in the 1997-1998 updates, all the date fields were expanded to 4-byte format (CCYY), and more program lines had to be developed to accommodate this change. At the end, the re-creation of the OLRDB 1995-2000 took longer than anticipated.

The updated 2000 OLRDB contains a total of 370,318 officer records, an increase of 10,111 records from the previously updated 2000 OLRDB. For those records that were retrieved, an OMF flag was initially set to ‘2’ to indicate that this was an inactive record. Many of these records eventually found a master or separation record in the following year after the updates.

Table 2 represents the number of officers on active duty and Table 3 shows the number that have separated from active duty on the 2000 core data set for the years 1979 through 2000. SAS frequency counts of the separation flags were used to identify the number of officers that separated from active duty. To calculate the number of officers that were on active duty, the frequency count of the separation flag was subtracted from the frequency count of the OMF flag for each year.
Table 2
Number of Officers on Active Duty by Year

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<td>84,398</td>
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<td>1989</td>
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Table 3
Number of Officers Separated from Active Duty by Year

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</table>
Task 5: Extract selected OSETDB assignment history data elements and add them to the current OLRDB database

As part of the 1999-2000 updates, ARI requested that a subset of the OSETDB assignment history data elements be added to the final 2000 OLRDB. The following variables were initially considered for inclusion in the OLRDB:

- **CADT(YY)**: Current Assignment Duty Title
- **CAF(D(YY)**: Current Assignment From Date
- **CAL(YY)**: Current Assignment Location Code
- **CAUN(YY)**: Current Assignment Unit Number
- **CMDSL1(YY)**: Troop Command Tour (Colonel level)
- **CMDTR(YY)**: Troop Command Tour (Lt. Colonel level)
- **COLCA1(YY)**: Troop Command Date Terminated Assignment
- **COLTA1(YY)**: Troop Command Date Commenced Assignment
- **CSBAD1(YY)**: Combat and Special Skill Badges
- **CSBAD5(YY)**: Combat and Special Skill Badges
- **DEPOS(YY)**: Year-Month Departed for Overseas Tour
- **DEROS(YY)**: Date Eligible for Return from Overseas
- **FAST1(YY)**: Foreign Area Officer Program (Status Code and Country Specialized)
- **FAST4(YY)**: Foreign Area Officer Program (Status Code and Country Specialized)
- **LTCCA(YY)**: Troop Command Date Commenced Assignment
- **LTCTA(YY)**: Troop Command Date Terminated Assignment
- **MILD1-MILD15**: Military Decorations
- **MILDAT1-MILDAT15**: Military Decoration Year (derived)
- **SKILL1(YY)**: Skills
- **SKILL6(YY)**: Skills

The variables were extracted from 1979 to 1999 OMF/SOMF file. For the 2000 OMF/SOMF, the update program was modified to include these variables so that these variables will be added for future OLRDB updates. Before adding these variables to the 2000 OLRDB records, however, it was necessary to re-calculate all the byte positions in order to incorporate these variables into the OLRDB by year. The addition of these variables from 1979 to 2000 would have added 2,882 bytes, increasing the record length of the 2000 OLRDB from 4,645 to 7,527 bytes. With over 370,000 records already in the database, the size of this file could potentially hinder future updates of the OLRDB on a PC platform. Based on the fact that certain key variables (COLCA1, COLTA1, LTCCA, LTCTA) were not available until 1986, it was decided that the assignment history data elements would only be added to years 1986 to 2000 and variables FAST1(YY) to FAST4(YY) would not be added because these variables had been discontinued after 1994.
The final 2000 OLRDB contains a total of 370,318 officer records. The file is 2.1 gigabytes in size with a record length of 5,669 bytes. Please refer to Appendix A and Appendix B for a description of all the data elements and record layouts for the 2000 OLRDB.

Task 5.1: Accessing the OLRDB and OSETDB data sets

Both the OLRDB and OSETDB final data sets are stored in raw data format with a fixed record length. Record layouts for each of the data sets are available to identify the location of all the variables on the files. Originally, the OLRDB and OSETDB were stored on multiple 3480-cartridge tapes at NIH. With this update, PC-based processing has allowed the final data sets to be written directly to CD-ROM, eliminating the need for converting the 3480-cartridge tapes produced at NIH to CD-ROM.

To facilitate the usefulness of the data sets, several years ago SAG Corporation developed a utility program to extract selected variables and create a work file for the end-user. This program, based on data dictionaries updated for the 1999 – 2000 data sets, allow users not only to select specific variables from each data set, but also to extract subsets of records based on certain condition(s), such as entry and separation dates. The utility program produces records that can be easily imported into a statistical analysis package, such as SPSS or SAS. The availability of the data dictionaries and the utility program has greatly enhanced the accessibility of the OLRDB and OSETDB data sets.
REFERENCES


APPENDIX A
Data Elements of OLRDB Core Data Set
APPENDIX A
DATA ELEMENTS OF OLRDB CORE DATA SET

NOTE: Unless otherwise noted the data elements are available in both the 1999 and 2000 OLRDB Core data sets. The century was added to all date fields beginning with the 1997 and 1998 Core data sets. Date fields were expanded only in the 1997 through 2000 annual sections of the OLRDB. In 2000, a subset of variables from the OSETDB Assignment History was also added to the Core data sets, beginning with 1986 (please refer to section titled Assignment History Data Elements).

Core Data Elements from VSI/SSB Source File:

Note: Only 1999 VSI/SSB data are available from DMDC for this update.

ACPTYY Date of Acceptance of VSI or SSB (Year)
2 Characters
Year of acceptance of VSI or SSB by member. Valid values include 00 (not applicable) and 99 (unknown).
(If Date of Acceptance was unknown, Record Type equaled 4 or 5, and Date of Action was known, then Date of Acceptance was set to Date of Action.)

NOTE: Date of Acceptance is valid for fiscal year 1992 and 1993 records.

ACPTMM Date of Acceptance (Month)
2 Characters
Month of acceptance of VSI or SSB by member. Valid values include 00 (not applicable) and 99 (unknown).

ACPTDD Date of Acceptance (Day)
2 Characters
Day of acceptance of VSI or SSB by member. Valid values include 00 (not applicable) and 99 (unknown).

DFASAMT DFAS Payment Amount
6 Numeric
Defense Finance Accounting Service (DFAS) record VSI or SSB payment amount.

DFASFLG DFAS Flag
1 Character
DFAS record indicator.

Code Values:
0 No matching DFAS record
1 Matched DFAS record is VSI
2 Matched DFAS record is SSB
DFASMON  DFAS Months of Service
3 Numeric
DFAS record VSI or SSB months of service.

JMPAMT  JUMPS Payment Amount
6 Numeric
JUMPS record VSI or SSB payment amount.

JMPFLG  JUMPS Flag
1 Character
Joint Uniform Military Pay System indicator.

Code Values:
0  No matched JUMPS record
2  Matched or source JUMPS record VSI payment amount > 0 and SPD = xCA (VSI)
3  Matched or source JUMPS record SSB payment amount > 0 and SPD = xCB (SSB)
4  Matched or source JUMPS record VSI payment amount > 0 and SPD = xCB (SSB)
5  Matched or source JUMPS record SSB payment amount > 0 and SPD = xCA (VSI)
6  Matched or source JUMPS record VSI payment amount > 0 and SPD not = xCA (VSI) or xCB (SSB)
7  Matched or source JUMPS record SSB payment amount > 0 and SPD not = xCA (VSI) or xCB (SSB)

JMPMON  JUMPS Months of Service
3 Numeric
JUMPS record VSI or SSB months of service.

LOSFLG  Loss Flag
1 Character
Indicates if DMDC located a Loss record in their source files for VSI/SSB member.

Code Values:
0  No matched Loss record
1  Matched Loss record SPD not = xCA (VSI) or xCB (SSB)
2  Matched or source Loss record SPD = xCA (VSI)
3  Matched or source Loss record SPD = xCB (SSB)

LOSSTAFM  Loss TAFMS
3 Numeric
Loss record Total Active Federal Military Service (TAFMS) months.
OFFRYY  Date of Offer of VSI/SSB (Year)
2 Characters
Year of offer of VSI or Special Separation Benefit
(SSB) to member. Valid values include 00 (not
applicable) and 99 (unknown). (If Date of Offer
was unknown, Record Type equaled 2, 3, 4, or 5,
and Date of Acceptance was known, then Date of
Offer was set to Date of Acceptance.)

OFFRMM  Date of Offer of VSI/SSB (Month)
2 Characters
Month of offer of VSI or Special Separation Benefit
(SSB) to member. Valid values include 00 (not
applicable) and 99 (unknown).

OFFRDD  Date of Offer of VSI/SSB (Day)
2 Characters
Day of offer of VSI or Special Separation Benefit
(SSB) to member. Valid values include 00 (not
applicable) and 99 (unknown).

PROGFY  Program Fiscal Year
2 Characters
This data element can be used to determine the
fiscal year of the VSI data. If Record Type equals
1, 2, 3, or 5, then this data element is calculated
from Date of Offer; else if Record Type is equal to
0 or 4, then it is calculated from ETS Date or Date
of Separation. Valid values include 00 (unknown).

PROTYP  Program Type of VSI/SSB
1 Character
Program type of VSI/SSB submission.

Code Values:
0  Unknown or not applicable
2  VSI
3  SSB

RECTYP  Record Type
1 Character
Record type of VSI/SSB data.

Code Values:
0  Member separated with Loss record SPD, JUMPS
record SPD, or JUMPS record payment amount
indicating receipt of VSI or SSB and there is
no VSI/SSB Submission record
1  Member offered VSI/SSB
2 Member accepted VSI
3 Member accepted SSB
4 Member's application for VSI or SSB approved
5 Member's application for VSI or SSB denied

The following codes occur in the VSI/SSB Submission files only:

6 Cancellation or correction of previous report of offer or acceptance of VSI or SSB
9 Member withdrew previous acceptance of VSI or SSB
A Member changed to SSB after initially accepting VSI (recode to 3 before processing)
B Member changed to VSI after initially accepting SSB (recode to 2 before processing)

REPFLG Record Replacement Flag
1 Character
Indicates if DMDC replaced the VSI/SSB record in their source files.

Code Values:
0 Not applicable
1 Record Type 0 record replaced by Record Type 0 record with later effective date
2 Record Type 1 record replaced by Record Type 0 record with earlier effective date.
3 Record Type 2 or 3 record replaced by Record Type 0 record with earlier effective date.
4 Record Type 4 or 5 record replaced by Record Type 0 record with earlier effective date.
5 Record Type 5 record replaced by Record Type 1 record with later effective date.
Core Data Elements from OMF/SOMF Source File:

BABR  Basic Branch for Commissioned Officers
     2 Characters
     The branch of service in which an officer is
     commissioned or to which he is subsequently transferred
     or appointed.

Code Values:
AD  Air Defense Artillery
AG  Adjutant General's Corps
AN  Army Nurse Corps
AR  Armor
AV  Aviation
CA  Civil Affairs/Military Government
CE  Communications-Electronics
CH  Chaplains
CM  Chemical Corps
DE  Dental Corps
EN  Corps of Engineers
FA  Field Artillery
FI  Finance Corps
GA  Administrative and Graphics
GC  Army General Staff
GO  General Officers
IG  Inspector General
II  Criminal/Intelligence Invest
IN  Infantry
JA  Judge Advocate General's Corps
MC  Medical Corps
MI  Military Intelligence Branch
MM  Mechanical Maintenance
MP  Military Police Corps
MS  Medical Service Corps
NG  National Guard Bureau
OD  Ordnance Corps
PR  Professor, US Military Academy
QM  Quartermaster Corps
SC  Signal Corps
SF  Special Forces
SP  Army Medical Specialist Corps
SS  Staff Specialist
SV  Supply and Services
TC  Transportation Corps
VC  Veterinary Corps
WC  Rescinded

BPED  Pay Entry Basic Date
     8 Characters
     The date used in computing an officer's pay by grade
     and years of service and adjusted for noncontinuous
     service as necessary. The date is stored as year,
     month, day (CCYYMMDD).
BRAOC1 Branch Area of Concentration #1
1 Character
The first recorded area of concentration which corresponds to an officer's designated Branch Code (less AMEDD officers). Refer to the derived data element BRANCH1 for the code descriptions.

NOTE: This data element is available in the OMF from 1986 on and in the SOMF from 1987 on.

BRCD Branch Code (was Initial Specialty - INSPEC)
2 Characters
The initial designated specialty in which an officer will be managed and developed under the Officer Personnel Management System (OPMS). The additional specialty is described under the label FACD.

NOTE: This data element contains the data labeled "INSPEC" on the OMF from 1979 to 1986. It was renamed to BRCD in anticipation of the 1987 OMF update.

Code Values:
11 Infantry
12 Armor
13 Field Artillery
14 Air Defense Artillery
15 Aviation
18 Special Operations
21 Corps of Engineers
23 Contract Construction Management Engineer
25 Signal Corps
27 Communication/Electronic Engineer
28 Training Development
31 Military Police Corps
35 Military Intelligence
36 Central Intelligence Humint
37 Electronic Warfare Crypt
38 Civil Affairs (Reserve Components Only)
40-41 Personnel Management
42 Adjutant General Corps
43 Club Management
44 Finance Corps
45 Comptroller
46 Public Affairs
47 USMA Permanent Professor
48 Foreign Area Officer
49 Operational Research/Systems Analysis
50 Force Development
51 Research and Development
52 Nuclear Weapons
53 Systems Automation Officer
54 Operations, Plans and Training
55 Legal
56 Chaplain
60-62 Medical Corps
63 Dental Corps
64 Vet Corps
65 Medical Specialist Corps
66 Army Nurse Corps
67-68 Medical Service Corps
70 Logistics Management
71 Aviation Mat Management
72 Communications/Electronics Material
73 Missile Mat Management
74 Chemical Corps
75 Munitions Mat Management
76 Armament Mat Management
77 TNK/GRND Mat Management
81 Petroleum Management
82 SUBSIS Management
87 Marine and Terminal Operations
88 Transportation Management
91 Ordnance Corps
92 Quartermaster Corps
97 Procurement
99 Combat Developments

BYRGP Basic Year Group
4 Characters
Represents the fiscal year in which the officer entered the service as a 2nd Lieutenant (2LT). The officer's basic year group will not change because of an above or below the zone promotion. The Basic Year Group is represented by the two right-most digits of the year.

NOTE: This data element can be used as the date of commission for officers on the Core Data Set.

CELC Civilian Education Level
1 Character
Indicates the highest level of school attended or completed.

Code Values:
9 Non-high school graduate
8 High school graduate or General Education Development Test
7 Less than 2 years college, non-graduate (includes nurse)
6 2 or more years college, non-graduate (includes nurse), AA degree, AD degree, 2CX Test for 1948-53, or 2 years college equivalency
5 College graduate, baccalaureate degree from accredited college
4 Year or more of post-graduate, no degree
3 Professional, for example, (M.D., D.D.S., L.L.B.,
2 Master's degree from accredited university
1 Doctoral degree from accredited university
A Attending for Doctorate
B Attending for Master's
C Attending for Professional
D Attending for Baccalaureate
E Attending for Associate

NOTE: When the Master and Loss File officers were added to the OLRDB Core Data Set, some of the values for this data element could not be accommodated by the OMF data values so the following new data values were defined.

F 1 to 7 years of elementary school completed
G 8 years of elementary school completed
H 1 year of high school completed
I 2 years of high school completed
J 3 or 4 years of high school completed with no diploma and no G.E.D.
K Master's degree received or other professional degrees beyond college other than a doctorate

COBO Country or State of Birth, Officer
2 Characters
The state of the United States or the foreign country where the officer was born. Codes 01-56 are used to identify the State of birth. Geopolitical codes are used to identify the country of birth.

Code Values:
AC Antigua
AF Afghanistan
AG Algeria
AK Alaska
AL Albania
AN Andorra
AO Angola
AQ American Samoa
AR Argentina
AS Australia
AU Austria
AV Anguilla
AY Antarctica
BA Bahrain
BB Barbados
BC Botswana
BD Bermuda
BE Belgium
BF Bahamas
BG  Bangladesh
BH  Belize
BL  Bolivia
BM  Burma
BP  Solomon Islands
BQ  Navassa Island
BR  Brazil
BT  Bhutan
BU  Bulgaria
BV  Bouvet Island
BX  Brunei
BY  Burundi
BZ  Germany, Berlin
CA  Canada
CB  Cambodia
CD  Chad
CE  Sri Lanka
CF  Congo
CG  Zaire
CH  China
CI  Chile
CJ  Cayman Islands
CK  Cocos (Keeling) Islands
CM  Cameroon
CN  Comoros
CO  Colombia
CQ  Northern Mariana Islands
CS  Costa Rica
CT  Central African Republic
CU  Cuba
CV  Cape Verde
CW  Cook Islands
CY  Cyprus
CZ  Czechoslovakia
DA  Denmark
DM  Benin
DO  Dominica
DR  Dominican Republic
EC  Ecuador
EG  Egypt
EI  Ireland
EK  Equatorial Guinea
EQ  Canton Islands
ES  El Salvador
ET  Ethiopia
EU  Europe
FA  Falkland Islands
FG  French Guiana
FI  Finland
FJ  Fiji
FO  Faeroe Islands
FP  French Polynesia
FR  France
FS  French Southern and Antarctic Lands
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SG  Senegal
SH  St. Helena
SL  Sierra Leone
SM  San Marino
SN  Singapore
SO  Somalia
SP  Spain
ST  St. Lucia
SU  Sudan
SW  Sweden
SY  Syria
SZ  Switzerland
TC  United Arab Emirates
TD  Trinidad and Tobago
TE  Tromelin Islands
TH  Thailand
TK  Turks and Caicos Islands
TL  Tokelau Island
TN  Tonga
TO  Togo
TP  Sao Tome and Principe
TQ  Pacific Trust Territory
TS  Tunisia
TU  Turkey
TV  Tuvalu
TW  China/Taiwan
TZ  Tanzania
UG  Uganda
UK  United Kingdom
UR  Union of Soviet Socialist Republics
US  United States
UV  Upper Volta
UY  Uruguay
U4  Estonia
U8  Latvia
U9  Lithuania
VC  St. Vincent and the Grenadines
VE  Venezuela
VI  British Virgin Islands
VM  Vietnam
VQ  Virgin Islands
VT  Vatican City
WA  South West Africa
WF  Wallis and Futuna
WH  Western Sahara
WQ  Wake Island
WS  Western Somoa
WZ  Sealiland
XX  Not Applicable
YE  Yemen, Sanaa
YO  Yugoslavia
YS  Yemen, Aden
YY  Unknown
ZA  Zambia
ZI  Zimbabwe
01  Alabama
02  Alaska
04  Arizona
05  Arkansas
06  California
08  Colorado
09  Connecticut
10  Delaware
11  District of Columbia
12  Florida
13  Georgia
15  Hawaii
16  Idaho
17  Illinois
18  Indiana
19  Iowa
20  Kansas
21  Kentucky
22  Louisiana
23  Maine
24  Maryland
25  Massachusetts
26  Michigan
27  Minnesota
28  Mississippi
29  Missouri
30  Montana
31  Nebraska
32  Nevada
33  New Hampshire
34  New Jersey
35  New Mexico
36  New York
37  North Carolina
38  North Dakota
39  Ohio
40  Oklahoma
41  Oregon
42  Pennsylvania
44  Rhode Island
45  South Carolina
46  South Dakota
47  Tennessee
48  Texas
49  Utah
50  Vermont
51  Virginia
53  Washington
54  West Virginia
55  Wisconsin
56  Wyoming

COMPT  Service Component
1 Character
A basic subdivision of the military services primarily indicating the type of obligation the individual is fulfilling.

Code Values:
R  Regular Army (RA) - United States Army
V  Army Reserve (USAR)
G  National Guard of the United States (NGUS)
T  Army of the United States (AUS)
Z  Unknown

CPPN  Current Procurement Program Number
2 Character
An identification of the source from which commissioned or appointed, or the reason for return to the active army once separated or dropped from the rolls. The code values for this data element can be obtained from Army Regulation AR 601-110 and the OMF User's Information Manual.

CURSA  Current Service Agreement
1 Character
The conditions under which an officer, voluntarily or involuntarily, is retained on active duty. Not applicable to Regular Army (RA) officers.

Code Values:
1  Voluntarily extended on active duty for a period not to exceed 8 years of Active Federal Commissioned Service, for an officer formerly having a Service Agreement code "7".
2  Voluntarily extended on active duty until Regular Army integration, for an officer formerly having a Service Agreement code "1".
4  Active duty voluntarily extended for a probationary period (1 year) prior to action taken on final voluntary indefinite status, for an officer formerly having a code "7"
5  Short term extension (1-36 months) of initial tour of active duty for an officer formerly having a code "7"
6  Short term extension (1-36 months) of initial tour of active duty, for an officer formerly having a Service Agreement code "8"
7  Obligated volunteer officer serving an initial tour of active duty
Involuntary Officer
Active duty voluntarily extended for an indefinite period, for an officer formerly having a code "4"
Retained-critical shortage/outstanding performance/operational necessity
Statutory Tour Officer
US Property and Fiscal Officer
Selective Service Officer
Retired and Recalled Officer
Retained as exception to age and service policy
National Guard Officer, Extended Active Duty: Identifies National Guard members serving on active duty for a period of 20 to 30 months in active Army positions
Officer voluntarily retained beyond scheduled release date (1-90 days) based on Hardship circumstance
Not extended on active duty, for an officer formerly having a Service Agreement Code 1
Retained beyond retirement eligibility of LTCs and COLs for 28 or 30 years of Active Federal Service respectively; if selected by boards against qualifications governing RA promotion
Not extended on active duty, for an officer formerly having a Service Agreement Code 7
Retained on the basis of selection for promotion to W3, W4, MAJ, LTC or COL
Retained beyond retirement eligibility date on the basis of being selected for retention for the first 3 year increment under LRADP (Managed tenure)
Retained beyond retirement eligibility date on the basis of being selected for retention for the second 3 year increment under LRADP (Managed tenure)
Retained beyond retirement eligibility date on the basis of being selected for retention for the 4 year and final increment under LRADP (Managed tenure)
Retained for other reasons

Date of Birth
8 Characters
The year, month and day (CCYYMMDD) an officer was born as verified by birth certificate or other acceptable document.
Basic Date of RA/USAR/NGUS Appointment
8 Characters
The date reflects all creditable service for use in determining eligibility for promotion. The date is stored as year, month and day (CCYYMMDD).

NOTE: This data element is supposed to be the "official" date of commission from 1984 on. However, upon examination of the OMF records used to build the Core Data Set, the date of Entry on Active Duty in Current Tour (EADC) or the Basic Year Group (BYRGP) were found to be more reliable.

Date of Entry on Active Duty in Current Tour
8 Characters
The year, month and day (CCYYMMDD) an officer is commissioned and takes the oath, if component is Regular Army; or the year, month and day the officer enters active duty based on computation of travel IAW the JTR, if component is other than Regular Army.

NOTE: This data element can be used as the date of commission for officers on the Core Data Set.

Ethnic Group Designation
1 Character
Identifies segments of the population that possess common characteristics and a cultural heritage significantly different from that of the general population.

Code Values:
6 Mexican-American
4 Puerto Rican
9 Cuban-American
1 Other Hispanic Descent
G Chinese
J Japanese
K Korean
5 Filipino
3 Other Asian-American
2 US/Canadian Indian Tribes
8 Aleutian
7 Eskimo
X Other
Z Unknown
D Indian; persons from India and their descendants
E Melanesian
L Polynesian
V Vietnamese
W Micronesian
S Latin American; persons from Central and South America and their descendants
Q Other Pacific Island Descent; persons from the Pacific Islands, other than Melanesian, Micronesian, or Polynesian

**FAAOC1**
Functional Area of Concentration
1 Character
The first recorded area of concentration which corresponds to an officer's designated Functional Branch (less AMEED officers). Refer to the derived data element FUNCTNL1 for the code descriptions.

NOTE: This data element is available in the OMF from 1986 on and in the SOMF from 1987 on.

**FACD**
Functional Area Code (was Additional Specialty - ADSPEC)
2 Characters
The additional designated specialty in which an officer will be managed and developed under the Officer Personnel Management System (OPMS). The initial specialty is described under the label BRCD. The code values listed under BRCD also apply to this data element.

NOTE: This data element contains the data labeled "ADSPEC" on the OMF from 1979 to 1986. It was renamed to FACD in anticipation of the renaming projected for the 1987 OMF update.

**MARST**
Marital Status
1 Character
The legal status of an individual as it relates to marriage.

Code Values:
A Annulled
D Divorced
I Interlocutory
J Married to Service Member
L Legally Separated
M Married
S Single
W Widowed

NOTE: To incorporate data values found on MLF-based records for which no exact match could be found on the OMF, the following data values were added:
0 Unknown
1 Any Unmarried Category (single, divorced, etc.)
Military Education Level
1 Character
Indicates the highest Military Schooling Credit
(attended, non-resident or constructive) attained
during the officer's current status only (i.e., as a
commissioned officer). Also included are commissioned
officers selected to attend Senior Service Schools.

Code Values:
1  Senior Service College Graduate (includes Foreign
   SSC, Army War College Corresponding Studies, SSC
   Selectee for the next class and Constructive
   Credit Awards)
2  Senior Service College Resident Selectee - but
   Deferred (Foreign and US)
3  Army War College Corresponding Studies - Selectee
4  Staff College Level Graduate (includes Selectee
   for the next class, Resident, Non-resident,
   Constructive
   Credit, and Foreign Schools)
5  Staff College Level Selectee - but Deferred
   Graduate
6  Branch Advanced Course Graduate (Resident or
   Non-Resident)
7  Branch Basic Course Graduate (Resident or
   Non-Resident)
8  Specialist Course Graduate (Resident or
   Non-Resident)
L  Combined Arms and Service Staff School (CAS3)
   Phase I-Enrollee
M  Combined Arms and Service Staff School (CAS3)
   Phase I-Completed
N  Combined Arms and Service Staff School (CAS3)
   Phase I-Graduate
A  Warrant Officer Senior Course
   (attended/constructive credit)
B  Warrant Officer Advanced Course
   (attended/constructive credit)
C  Warrant Officer Entry Course
   (attended/constructive credit)
D  Warrant Officer functional or Skill Refinement
   Course (attended/constructive credit)
F  Warrant Officer Senior Course (deferred)
G  Warrant Officer Senior Course (Non-Resident Enrollee)
H  Warrant Officer Advanced Course (Non-Resident Enrollee)
S  C&GSC (Non-Resident Enrollee)
T  Advanced Course Non-Resident Enrollee
Y  None

NODA  Number of Adult Dependents
      2 Numeric
      The number of persons, 21 years of age or older, who are authorized dependents of the sponsor.

      Code Values:
      0    No adult dependents
      1-99 Number of adult dependents

ORAPT  Type of Original Appointment
       1 Character
       The Service Component in which a commissioned officer received his original appointment.

       Code Values:
       R    Regular Army
       V    US Army Reserve
       G    National Guard of the US
       T    Army of the US

PHDT1  Date of Temporary Grade - 2nd Lieutenant
       8 Characters
       The year, month and day (CCYMMDD) of rank for the temporary grade of 2nd Lieutenant.

PHDT2  Date of Temporary Grade - 1st Lieutenant
       8 Characters
       The year, month and day (CCYMMDD) of rank for the temporary grade of 1st Lieutenant.

PHDT3  Date of Temporary Grade - Captain
       8 Characters
       The year, month and day (CCYMMDD) of rank for the temporary grade of Captain.

PHDT4  Date of Temporary Grade - Major
       8 Characters
       The year, month and day (CCYMMDD) of rank for the temporary grade of Major.
PHDT5  Date of Temporary Grade - Lieutenant Colonel
8 Characters
The year, month and day (CCYMMDD) of rank for the temporary grade of Lieutenant Colonel.

PHDT6  Date of Temporary Grade - Colonel
8 Characters
The year, month and day (CCYMMDD) of rank for the temporary grade of Colonel.

PHDT7  Date of Temporary Grade - Brigadier General
8 Characters
The year, month and day (CCYMMDD) of rank for the temporary grade of Brigadier General.

PHDT8  Date of Temporary Grade - Major General
8 Characters
The year, month and day (CCYMMDD) of rank for the temporary grade of Major General.

PHDT9  Date of Temporary Grade - Lieutenant General
8 Characters
The year, month and day (CCYMMDD) of rank for the temporary grade of Lieutenant General.

PHDT10 Date of Temporary Grade - General
8 Characters
The year, month and day (CCYMMDD) of rank for the temporary grade of General.

PPPN  Previous Procurement Program Number
2 Character
The original Procurement Program Number of officers who have been integrated into the Regular Army from another component while on active duty. The code values for this data element can be obtained from Army Regulation AR 601-110 and the OMF Users Information Manual.

RCEAS1 Academic Specialty Code - Level 1
3 Characters
The code describing the academic specialty associated with the highest degree received by an officer. The code values can be found in Appendix A of the OMF Information Manual.
RCEAS2  Academic Specialty Code - Level 2
  3 Characters
  The code describing the academic specialty associated
  with the second highest degree received by an officer,
  if two were received. The code values can be found in
  Appendix A of the OMF Users Information Manual.

RCEAS3  Academic Specialty Code - Level 3
  3 Characters
  The code describing the academic specialty associated
  with the third highest degree received by an officer,
  if three were received. The code values can be found
  in Appendix A of the OMF Users Information Manual.

REDCAT  Racial/Ethnic Descent Category
  1 Character
  Describes the standard classifications based on the
  combination of race and ethnic codes.

  Code Values:
  T  American Indian or Alaskan Native
  A  Asian or Pacific Islander
  C  White, Not Hispanic
  H  Hispanic
  N  Black, Not Hispanic
  X  Other/Unknown

SEPDT   Separation Date
  8 Characters
  The year, month and day (CCYYMMDD) on which an officer
  was separated from active duty.

NOTE: This data element is blank unless the officer has
separated. In cases where an officer has multiple
separations in the span of years stored on the OLRDB
data sets, this data element contains the date of the
last separation in the SAS Core Data Set. However, up
to 5 separations are recorded on the Longitudinal Data
Set.

SEX     Sex
  1 Character
  The gender of the officer.

  Code Values:
  M  Male
  F  Female
  Z  Unknown
Source of Original Appointment
1 Character
The organization from which a commissioned officer received his original appointment.

Code Values:
A US Military Academy Graduate
B US Naval Academy Graduate
C US Air Force Academy Graduate
D US Coast Guard Academy Graduate
E US Merchant Marine Academy Graduate
F Air National Guard Academy of Military Sciences
G ROTC/Naval ROTC (Scholarship)
H ROTC/Naval ROTC (Non-Scholarship)
J OCS, AOCS, OTS
K Aviation Cadet

NOTE: When the Master and Loss File officers were added to the OLRDB core data, some of the values for this data element could not be accommodated by the Officer Master File (OMF) data values so new data values were defined.

L National Guard State Officers Candidate School
M Direct Appointment, Professional
N Direct Appointment, All Others
P Aviation Training Program exclusive of OCS, AOCS, OTS, PLC
Q OCS-Distinguished Military Graduate
R ROTC-Distinguished Military Graduate
S Reserve Officer Training Corps
T Direct Appointment
U National Guard of the United States
X Other
4 OCS or OTS: Direct Procurement
5 OCS or OTS: In-Service Procurement
6 OCS or OTS: Either Direct or In-Service Procurement (cannot differentiate)
9 . Aviation Training Program exclusive of OCS or OTS

Separation Program Designation
3 Characters
The reason an officer separated from active duty. The code values for this data element can be obtained from Army Regulation 635-5-1, Separation Program Designators (Department of the Army Headquarters).

NOTE: This data element is blank unless the officer has separated. In cases where an officer has multiple separations in the span of years stored on the OLRDB, this data element contains the separation program designation for the last separation in the SAS Core Data Set. However, up to 5 separations are recorded on the Longitudinal Data Set.
TDOR  Date of Rank, Temporary Grade
8 Characters
The year, month, and day (CCYMMDD) that an officer was
promoted to his current temporary grade. Establishes
the relative seniority of individuals within the same
grade, primarily for use in promotion actions.

NOTE: This data element is the date on which the rank
for the officer (TGRA) was achieved. It is not
reflected in the promotion history data element.

TGPGC  Temporary Grade/Promotable Grade Code
1 Character
The grade code of an officer who is in a promotable
status.

Code Values:
A  Promotable grade code for G A, GEN, LTG, M G,
    and B G
B  Promotable grade code for COL
C  Promotable grade code for LTC
D  Promotable grade code for MAJ
E  Promotable grade code for CPT
F  Promotable grade code for 1LT
G  Promotable grade code for 2LT
U  Promotable grade code for CW4
V  Promotable grade code for CW3
W  Promotable grade code for CW2
X  Promotable grade code for WO1

TGRA  Temporary Grade
6 Characters
A field containing the standard grade abbreviation of
the temporary grade held by an officer. This data
element is the last or current rank for the officer.
The date on which this rank was achieved is stored in
the data element TDOR. It is not reflected in the
promotion history data elements.

Code Values:
G A  General of the Army
GEN  General
LTG  Lieutenant General
M G  Major General
B G  Brigadier General
COL  Colonel
LTC  Lieutenant Colonel
MAJ  Major
CPT  Captain
1LT  First Lieutenant
2LT  Second Lieutenant
UNK  Unknown

A-23
NOTE: When the Master and Loss File officers were added to the OLRDB Core Data Set, some of the values for this data element could not be accommodated by the Officer Master File (OMF) values, therefore, these data values were defined as unknown.

UUIC

Parent Unit Designator and Descriptive Designator
5 Characters
Represents the U.S. Army Reserve or National Guard unit which was called up for Active Duty during mobilization. Used to identify officers who entered active duty when their particular Reserve or National Guard units were activated under emergency mobilization. See AR 18-50-11 for code values.

NOTE: This data element is available in the OMF and the SOMF from 1990 on.
Assignment History Data Elements:

In the 1999-2000 OLRDB updates, a subset of the OSETDB Assignment History data elements are extracted and added to the OLRDB CORE data sets. Data are available from 1986 through 2000 unless otherwise indicated [Note: YY=86-00].

**CADT(YY)**
Current Assignment Duty Title
24 Characters
An alpha and numeric description of the duty which The officer is performing (abbreviated as required).

**CAFD(YY)**
Current Assignment From Date
6 Characters (yyymmdd) 1986-1997
8 Characters (ccyymmdd) 1998-2000
A description of the officer's current assignment from date. The from date will represent Date of Entry on Active Duty in Current Tour, Reporting Date or the effective date of change for a unit Re-designation, correction, or change in duty title, as applicable.

**CAL(YY)**
Current Assignment Location Code
3 Characters
A code indicating the Army area and state or foreign country where an officer's unit is located. The first position contains the Army location number 1, 3, 5-7, the last two positions contain the alphabetic state abbreviation, or all 3 positions contain a foreign country abbreviation. NOTE: CAL(YY) is available from 1986-1997. See CYLU(YY) for 1998-2000.

**CAUN(YY)**
Current Assignment Unit Number
4 Characters
Used in conjunction with Unit Designation to identify the individual's unit of assignment. The codes are established by Deputy Chief of Military Operations.
CMDSL1(YY)  

Troop Command Tour  
3 Characters  
Contains troop command assignment data for Colonel level.  
NOTE: CMDSL1(YY) is available from 1986-1997.  

Code Values:
01 Principal Command Designee Deferred Colonel Level  
  01A Combat Arms  
  01B Combat Support Arms  
  01C Logistics Troop Command  
  01D Combat Service Support  
  01E Project Manager  
  01F District Engineer  
  01G Aviation Command  
  01H Joint Proponent Command  

02 Commanded a HQDA Command Designated Unit at the Colonel Level  
  02A Combat Arms (TOE)  
  02B Combat Support Arms (TOE)  
  02C Combat Service Support (TOE)  
  02D Combat Service Support (TDA)  
  02E District Engineer (TDA)  
  02F Aviation Command (TOE)  
  02G Aviation Command (TDA)  
  02J Joint Command (TDA)  
  02K Combat Arms (TDA)  
  02L Combat Support Arms (TDA)  
  02P Project Manager  
  02T Training Command (TDA)  

03 Principal Designee Colonel Level (Temporary Entry)  
  03A Combat Army (TOE)  
  03B Combat Support Arms (TOE)  
  03C Combat Service Support (TOE)  
  03D Combat Service Support (TDA)  
  03E District Engineer (TDA)  
  03F Aviation Command (TOE)  
  03G Aviation Command (TDA)  
  03J Joint Command (TDA)  
  03K Combat Arms (TDA)  
  03L Combat Support Arms (TDA)  
  03P Project Manager  
  03T Training Command (TDA)  

04 Alternate Designee Colonel Level (Temporary Entry)  
  04A Combat Arms  
  04B Combat Support Arms  
  04C Combat Service Support  
  04P Project Manager  

05 Declined Command Colonel Level
05A Combat Arms (TOE)
05B Combat Support Arms (TOE)
05C Combat Service Support (TOE)
05D Combat Service Support (TDA)
05E District Engineer (TDA)
05F Aviation Command (TOE)
05G Aviation Command (TDA)
05J Joint Command (TDA)
05K Combat Arms (TDA)
05L Combat Support Arms (TDA)
05P Project Management
05T Training Command (TDA)

06 Commanded at the LTC Level Prior to Implementation of HQDA Centralized Command Selection
06A Combat Arms Troop Command (TOE)
06B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
06C Aviation Command (TOE)
06D Training Battalion Command (TOE)
06E Combat Support Arms Troop Command (TOE)
06F Combat Support Arms Management Command (TOE)

06G Combat Service Support Arms Troop Command (TOE)
06H Combat Service Support Arms Management Command (TOE)

07 Commanded a HQDA Command Designated Unit at the LTC Level (TOE)
07A Combat Arms Troop Command (TOE)
07B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
07C Aviation Command (TOE)
07D Training Battalion Command (TOE)
07E Combat Support Arms Troop Command (TOE)
07F Combat Support Arms Management Command (TOE)
07G Combat Service Support Arms Troop Command (TOE)
07H Combat Service Support Arms Management Command (TOE)

08 Commanding HQDA Command Designated Unit at the LTC Level (TOE)
08A Combat Arms Troop Command (TOE)
08B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
08C Aviation Command (TOE)
08D Training Battalion Command (TOE)
08E Combat Support Arms Troop Command (TOE)
08F Combat Support Arms Management Command (TOE)
08G Combat Service Support Arms Troop Command (TOE)
08H Combat Service Support Arms Management Command (TOE)

09 Principal Command Designee LTC Level (TOE)
09A Combat Arms Troop Command (TOE)
09B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
09C Aviation Command (TOE)
09D Training Battalion Command (TOE)
09E Combat Support Arms Troop Command (TOE)
09F Combat Support Arms Management Command (TOE)
09G Combat Service Support Arms Troop Command (TOE)
09H Combat Service Support Arms Management Command (TOE)

11 Ineligible for Command Consideration
11A Retirement
11B Separation
11C OBV
11D FR (USMA)
11E Other
11F Declined Consideration
11G Declined Command (LTC)
11H Relieved
11K PAP (USMA)
11O Former PM
11P Declined Product Manager

12 Commanding HQDA Command Designated Unit at the Colonel Level
12A Combat Arms (TOE)
12B Combat Support Arms (TOE)
12C Combat Service Support (TOE)
12D Combat Service Support (TDA)
12E District Engineer (TDA)
12F Aviation Command (TOE)
12G Aviation Command (TDA)
12H Joint Command (TDA)
12J Combat Arms (TDA)
12K Combat Support Arms (TDA)
12L Project Manager
12M Training Command (TDA)
13A Company Level Command for Company Grade Officers

14 Principal Command Designee Deferred LTC Level
14A Combat Arms Troop Command
14B FAO (Special Forces, Psyop, Civil Affairs)
14C Aviation Command
14D Training Battalion Command
14E Combat Support Arms Troop Command
14F Combat Support Arms Management Command
14G Combat Service Support Arms Troop Command
14H Combat Service Support Arms Management Command
14P Deferred Product Manager - HQDA Centralized Selection

26 Commanded at the LTC Level Prior to Implementation of HQDA Centralized Command Selection (TDA)
26A Combat Arms Troop Command (TDA)
26B FAQ (Special Forces, Psyop, Civil Affairs) (TDA)
26C Aviation Command (TDA)
26D Training Battalion Command (TDA)
26E Combat Support Arms Troop Command (TDA)
26F Combat Support Arms Management Command (TDA)
26G Combat Service Support Arms Troop Command (TDA)
26H Combat Service Support Arms Management Command (TDA)
26P Product Manager (PM) Prior to HQDA Centralized Command Selection

27 Commanded a HQDA Command Designated Unit at the LTC Level (TDA)
27A Combat Arms Troop Command (TDA)
27B FAQ (Special Forces, Psyop, Civil Affairs) (TDA)
27C Aviation Command (TDA)
27D Training Battalion Command (TDA)
27E Combat Support Arms Troop Command (TDA)
27F Combat Support Arms Management Command (TDA)
27G Combat Service Support Arms Troop Command (TDA)
27H Combat Service Support Arms Management Command (TDA)
27P Former Product Manager - HQDA Centralized Selection (TDA)

28 Commanding HQDA Command Designated Unit at the LTC Level (TDA)
28A Combat Arms Troop Command (TDA)
28B FAQ (Special Forces, Psyop, Civil Affairs) (TDA)
28C Aviation Command (TDA)
28D Training Battalion Command (TDA)
28E Combat Support Arms Troop Command (TDA)
28F Combat Support Arms Management Command (TDA)
28G Combat Service Support Arms Troop Command (TDA)
28H Combat Service Support Arms Management Command (TDA)
28P Serving Product Manager - HQDA Centralized Selection (TDA)
29 Principal Command Designee LTC Level (TDA)
29A Combat Arms Troop Command (TDA)
29B FAO (Special Forces, Psyop, Civil Affairs) (TDA)
29C Aviation Command (TDA)
29D Training Battalion Command (TDA)
29E Combat Support Arms Troop Command (TDA)
29F Combat Support Arms Management Command (TDA)
29G Combat Service Support Arms Troop Command (TDA)
29H Combat Service Support Arms Management Command (TDA)
29P Designee Product Manager - HQDA Centralized Selection (TDA)

CMDSL5(YY) Troop Command Tour
5 Characters
Contains troop command assignment data for Colonel level.
See CMDSL1(YY) for 1986-1997.

CMDTR(YY) Troop Command Tour
3 Characters
Contains troop command assignment data for Lt. Colonel level.
NOTE: CMDTR(YY) is available from 1986-1997.

Code Values:
Refer to data element CDMSL1(YY) for the 1986-1997 code values.

CMDTR5(YY) Troop Command Tour
5 Characters
Contains troop command assignment data for Lt. Colonel level.
NOTE: CMDTR5(YY) is available from 1998-2000.
See CMDTR(YY) for 1986-1997.

COLCA1(YY) Troop Command Date Terminated Assignment
6 Characters (yymmdd) 1986-1997
8 Characters (ccyymmdd) 1998-2000
The date an individual completed serving in a Colonel level command position.

COLTA1(YY) Troop Command Date Commenced Assignment
6 Characters (yymmdd) 1986-1997
8 Characters (ccyymmdd) 1998-2000
The date an individual began serving in a Colonel level command position.

CSBAD1(YYYY)
CSBAD5(YYYY)

Combat and Special Skill Badges
2 Characters
A recognition to denote proficiency in performance of duties under hazardous conditions and circumstances of extraordinary hardship as well as special qualifications and successful completion of prescribed courses of training.

Code Values:
CI Combat Infantryman Badge
EI Expert Infantryman Badge
CM Combat Medical Badge
EM Expert Field Medical Badge
MP Master Parachutist Badge (Group 1)
SP Senior Parachutist Badge (Group 1)
PC Parachutist Badge (Group 1)
MA Master Army Aviator (Group 2)
SA Senior Army Aviator (Group 2)
AV Army Aviator (Group 2)
FN Naval Flight Officer Insignia
MS Master Flight Surgeon (Group 3)
SS Senior Flight Surgeon (Group 3)
FS Flight Surgeon (Group 3)
MD Master Diver (Group 4)
FC First-Class Diver (Group 4)
SL Salvage Diver (Group 4)
SC Second-Class Diver (Group 4)
SD Scuba Diver (Group 4)
ND Naval Diving Officer Insignia (Group 4)
ME Master Explosive Ordnance Disposal (Group 5)
SE Senior Explosive Ordnance Disposal (Group 5)
ED Explosive Ordnance Disposal (Group 5)
GB Glider Badge
PF Pathfinder Badge
AA Air Assault Badge
MC Master Aircraft Crewman (Group 6)
SB Senior Aircraft Crewman (Group 6)
AC Aircraft Crewman (Group 6)
NA U.S. Navy Aircrew Insignia (Group 6)
NC Nuclear Reactor, Reactor Commander (Group 7)
NP Nuclear Reactor, Plant Supervisor (Group 7)
SN Nuclear Reactor, Shift Supervisor (Group 7)
NF Nuclear Reactor, First Class (Group 7)
NS Nuclear Reactor, Second Class (Group 7)
NB Nuclear Reactor, Basic (Group 7)
AM Air Force Missile Badge
RT Ranger Tab
SF Special Forces Tab
DM Driver and Mechanic Badge
IS U.S. Distinguished International Shooter Badge
DR  Distinguished Rifleman Badge
PS  Distinguished Pistol Shot Badge
ER  Excellence in Competition Badge, Rifleman
EP  Excellence in Competition Badge, Pistol
PH  President's Hundred Tab
FA  Air Force Flight Nurse Badge
FB  Air Force Navigator/Observer Badge
FD  Air Force Master Space Badge
FE  Air Force Senior Space Badge
FF  Air Force Basic Space Badge
FG  USAF Security Police Qualification Badge, Basic
FH  USAF Air Weapons Controller Badge
FI  USAF Air Traffic Controller Badge, Master
FJ  USAF Air Traffic Controller Badge, Senior
FK  USAF Air Traffic Controller Badge, Basic
FL  Air Force Senior Dental Badge
FM  USAF Security Police Qualification Badge, Senior
FP  Air Force Pilot Badge, Basic
FR  USAF Security Police Qualification Badge, Master
NI  U.S. Navy Submarine Insignia
NM  U.S. Navy Diving (Medical) Insignia
NW  Naval Special Warfare Insignia
PI  U.S. Navy Parachute Insignia
PR  Parachute Rigger Badge
DP  U.S. Navy Nuclear Missile Submarine Deterrent Patrol Insignia

CYLU(YY)  Current Assignment Location Code
30 Characters
The Army area and state or foreign country where an officer's unit is located.

DEPOS(YY)  Year-Month Departed for Overseas Tour
4 Characters (yymm) 1986-1997
6 Characters (ccyymm) 1998-2000
The year and month an officer departed from a port in the continental U.S. (CONUS) to overseas for a new assignment.

DEROS(YY)  Date Eligible for Return from Overseas
6 Characters (yymmdd) 1986-1997
8 Characters (ccyymmdd) 1998-2000
The date the individual will become eligible to return to continental U.S. (CONUS) or non-CONUS area of residence from overseas service.
LTCCA(YY)  Troop Command Date Commenced Assignment
6 Characters (yymmdd) 1986-1997
8 Characters (ccyymmdd) 1998-2000
The date an individual began serving in a Lt. Colonel level command position.

LTCTA(YY)  Troop Command Date Terminated Assignment
6 Characters (yymmdd) 1986-1997
8 Characters (ccyymmdd) 1998-2000
The date an individual completed serving in a Lt. Colonel level command position.

MILD1 - MILD15  Military Decorations
2 Characters
A medal, badge, or device, to be worn on the military uniform, awarded to a service member by a U.S. Armed Force for specific act or acts of gallant or meritorious service.
NOTE: MILD1-MILD15 only appear once in the Core segment and do not repeat for the 1986-2000 year segments because the data are cumulative over time.

Code Values:
MH  Medal of Honor
DX  Distinguished Service Cross
DS  Defense Distinguished Service Medal
NX  Navy Cross
FC  Air Force Cross
DM  Distinguished Service Medal
SS  Silver Star
SU  Defense Superior Service Medal
LM  Legion of Merit
DF  Distinguished Flying Cross
MS  Soldier's Medal
CG  Coast Guard Medal
NM  Navy and Marine Corps Medal
AM  Airman's Medal
BS  Bronze Star Medal
BV  Bronze Star Medal with Combat Distinguishing Device "V"
PH  Purple Heart
MR  Defense Meritorious Service Medal
MM  Meritorious Service Medal
AS  Air Medal
AD  Air Medal with Combat Distinguishing Device "V"
JS  Joint Service Commendation Medal
JV  Joint Service Commendation Medal with Combat Distinguishing Device "V"
CA  Army Commendation Medal

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<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tr>
<td>AV</td>
<td>Army Commendation Medal with Combat Distinguishing Device &quot;V&quot;</td>
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<td>JA</td>
<td>Joint Service Achievement Medal</td>
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<tr>
<td>CN</td>
<td>Navy Commendation Medal</td>
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<tr>
<td>NV</td>
<td>Navy Commendation Medal with Combat Distinguishing Device &quot;V&quot;</td>
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<td>Army Achievement Medal</td>
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<td>NA</td>
<td>Navy Achievement Medal</td>
</tr>
<tr>
<td>CF</td>
<td>Air Force Commendation Medal</td>
</tr>
<tr>
<td>CC</td>
<td>Coast Guard Commendation Medal</td>
</tr>
<tr>
<td>AC</td>
<td>Air Force Achievement Medal</td>
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<td>CM</td>
<td>Coast Guard Achievement Medal</td>
</tr>
<tr>
<td>CR</td>
<td>Combat Action Ribbon</td>
</tr>
</tbody>
</table>

**MILDAT1 - MILDAT15**

Military Decoration Year (derived)

4 Characters (ccyy)

The year a military decoration was awarded. This data element was derived by assigning the year of the OMF or SOMF file in which the military decoration first appeared.

NOTE: MILDAT1-MILDAT15 only appear once in the Core segment and do not repeat for the 1986-2000 year segments because the data are cumulative over time.

**SKILL1(YY) - SKILL6(YY)**

Skills

2 Characters

Identifies specialized skills possessed by the officer which may be related to more than one branch or functional area. Refer to AR 611-101 for code values.
Derived Data Elements of OLRDB Core Data Set

DEPS  Number of Dependents
  2 Numeric
  Derived by adding together the Number of Adult Dependents (NODA) and the Number of Dependent Children (NOADC) fields on the OMF. This data element already existed on records extracted from the MLF.

  Code Values:
  0    No Dependents
  1-99 Total Number of Dependents

OMFLAG79  Record Present on 1979 OMF
  1 Character
  This data element indicates the presence (Y) or absence (N) of a record on the 1979 Officer Master File for an officer. The record can be a master record or a separation record.

OMFLAG80-
OMFLAG00  The definition of OMFLAG79 applies to these
  data elements for the years 1980 - 2000.
  In addition, a code of inactive (2) is added in 1995-2000 to indicate an absence of a master record or a separation record where it was expected.

DUTYFL70  Active Duty Derived for 1970
  1 Character
  This data element indicates the presence (Y) or absence (N) of an officer on Active Duty in 1970 as specified by the Entry on Active Duty in Current Tour (EADC) data element and the Separation Date (SEPDT), whichever is present. No verification is made of the presence of an OMF record for this year. The purpose of this data element is to compensate for the lack of OMF files prior to 1979.

DUTYFL71-
DUTYFL00  The definition of DUTYFL70 applies to these
  data elements for the years 1971 - 2000.

SEPPL70  Separation from Active Duty in 1970
  1 Character
  This data element indicates the separation of an officer (Y) from Active Duty. If an officer did not separate from Active Duty the data element code is 'N'. The code 'N' does not imply that the officer is on Active Duty but that the officer did not separate in 1970. This data element is derived from the separation
date.

SEPFL71- The definition of SEPFL70 applies to these
SEPFL00 data elements for the years 1971 - 2000.
APPENDIX B
Record Layout of Flat OLRDB Data Sets
APPENDIX B

RECORD LAYOUT OF FLAT OLRDB LONGITUDINAL DATA SETS

1999 OLRDB Longitudinal Data Set:
2 YEAR(79:85), /* REPEATS 7 TIMES 1-1197: */
3 DOBY PIC '99', /* 1-2 */
3 DOBMM PIC '99', /* 3-4 */
3 DOBDD PIC '99', /* 5-6 */
3 SEX CHAR(1), /* 7 */
3 TGRA CHAR(3), /* 8-10 */
3 TDORYY PIC '99', /* 11-12 */
3 TDORMM PIC '99', /* 13-14 */
3 TDORDD PIC '99', /* 15-16 */
3 BPEDYY PIC '99', /* 17-18 */
3 BPEDMM PIC '99', /* 19-20 */
3 BPEDDD PIC '99', /* 21-22 */
3 EADCYY PIC '99', /* 23-24 */
3 EADCMM PIC '99', /* 25-26 */
3 EADCDD PIC '99', /* 27-28 */
3 DTRAYY PIC '99', /* 29-30 */
3 DTRAMM PIC '99', /* 31-32 */
3 DTRANDD PIC '99', /* 33-34 */
3 SOC CHAR(1), /* 35 */
3 SEPDTTY PIC '99', /* 36-37 */
3 SEPDTM PIC '99', /* 38-39 */
3 SEPDTTDD PIC '99', /* 40-41 */
3 SPD CHAR(3), /* 42-44 */
3 BABR CHAR(2), /* 45-46 */
3 BRCD CHAR(2), /* 47-48 */
3 FACD CHAR(2), /* 49-50 */
3 REDCAT CHAR(1), /* 51 */
3 ETHGP CHAR(1), /* 52 */
3 BYRGP CHAR(2), /* 53-54 */
3 PHDT(10), /* 55-114 */
4 PHDTTY PIC '99', /* */
4 PHDTMM PIC '99', /* */
4 PHDTDD PIC '99', /* */
3 CELC CHAR(1), /* 115 */
3 MEL CHAR(1), /* 116 */
3 RCEAS(3) CHAR(3), /* 117-125 */
3 MARST CHAR(1), /* 126 */
3 DEPS PIC '99', /* 127-128 */
3 NODA PIC '99', /* 129-130 */
3 COMPT CHAR(1), /* 131 */
3 CURSA CHAR(1), /* 132 */
3 COBO CHAR(2), /* 133-134 */
3 ORAPT CHAR(1), /* 135 */
3 CPPN CHAR(2), /* 136-137 */
3 PPPN CHAR(2), /* 138-139 */
3 TGPIC CHAR(1), /* 140 */
3 MEDN3 PIC '99', /* 141-142 */
3 MEDA CHAR(6), /* 143-148 */

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NOTE: The data elements in the section above repeat for each year from 1979 through 1985 (171 * 7 years).

2 YEAR1(86:89), /* REPEATS 4 TIMES 1198-1909: */
   3 DOBYY PIC '99', /* 1198-1199 */
   3 DOBMM PIC '99', /* 1200-1201 */
   3 DOEDD PIC '99', /* 1202-1203 */
   3 SEX CHAR(1), /* 1204 */
   3 TGRA CHAR(3), /* 1205-1207 */
   3 TDORYY PIC '99', /* 1208-1209 */
   3 TDORMM PIC '99', /* 1210-1211 */
   3 TDORDD PIC '99', /* 1212-1213 */
   3 BPEDYY PIC '99', /* 1214-1215 */
   3 BPEDMM PIC '99', /* 1216-1217 */
   3 BPEDDD PIC '99', /* 1218-1219 */
   3 EADCYY PIC '99', /* 1220-1221 */
   3 EADCMY PIC '99', /* 1222-1223 */
   3 EADCDD PIC '99', /* 1224-1225 */
   3 DTRAYY PIC '99', /* 1226-1227 */
   3 DTRAMM PIC '99', /* 1228-1229 */
   3 DTRADD PIC '99', /* 1230-1231 */
   3 SOC CHAR(1), /* 1232 */
   3 SEPDTYY PIC '99', /* 1233-1234 */
   3 SEPDTMM PIC '99', /* 1235-1236 */
   3 SEPDTTDD PIC '99', /* 1237-1238 */
   3 SPD CHAR(3), /* 1239-1241 */
   3 BABR CHAR(2), /* 1242-1243 */
   3 BRCD CHAR(2), /* 1244-1245 */
   3 FACD CHAR(2), /* 1246-1247 */
   3 REDCAT CHAR(1), /* 1248 */
   3 ETHGP CHAR(1), /* 1249 */
   3 BYRGV CHAR(2), /* 1250-1251 */
   3 PHDT(10), /* 1252-1311 */
      4 PHDTYY PIC '99',
      4 PHDTMM PIC '99',
      4 PHDTTDD PIC '99',
   3 CELC CHAR(1), /* 1312 */
   3 MEL CHAR(1), /* 1313 */
   3 RCEAS(3) CHAR(3), /* 1314-1322 */
   3 MARST CHAR(1), /* 1323 */
   3 DEPS PIC '99', /* 1324-1325 */
   3 NODA PIC '99', /* 1326-1327 */
NOTE: The data elements in the section above repeat for each year from 1986 through 1989 (178 * 4 years).

2 YEAR2(90:96), /* REPEATS 7 TIMES 1910-3190: */
3 DOBYY PIC '99', /* 1910-1911 */
3 DOBMM PIC '99', /* 1912-1913 */
3 DOBDD PIC '99', /* 1914-1915 */
3 SEX CHAR(1), /* 1916 */
3 TGRA CHAR(3), /* 1917-1919 */
3 TDORYY PIC '99', /* 1920-1921 */
3 TDORMM PIC '99', /* 1922-1923 */
3 TDORDD PIC '99', /* 1924-1925 */
3 BPEDYY PIC '99', /* 1926-1927 */
3 BPEMDM PIC '99', /* 1928-1929 */
3 BPEDDD PIC '99', /* 1930-1931 */
3 EADCYY PIC '99', /* 1932-1933 */
3 EADCMN PIC '99', /* 1934-1935 */
3 EADCCD PIC '99', /* 1936-1937 */
3 DTRAYY PIC '99', /* 1938-1939 */
3 DTRAMM PIC '99', /* 1940-1941 */
3 DTRADD PIC '99', /* 1942-1943 */
3 SOC CHAR(1), /* 1944 */
3 SEPDTYY PIC '99', /* 1945-1946 */
3 SEPDTMM PIC '99', /* 1947-1948 */
3 SEPDTDD PIC '99', /* 1949-1950 */
3 SPD CHAR(3), /* 1951-1953 */
3 BABB CHAR(2), /* 1954-1955 */
3 BRCD CHAR(2), /* 1956-1957 */
3 FACD CHAR(2), /* 1958-1959 */
3 REDCAT CHAR(1), /* 1960 */
3 ETHGP CHAR(1), /* 1961 */
3 BYRGPC CHAR(2), /* 1962-1963 */
3 PHDT(10), /* 1964-2023 */
   4 PHDTY Y PIC '99',
   4 PHDTIMM PIC '99',
   4 PHDTDD PIC '99',
3 CELC CHAR(1), /* 2024 */
3 MEL CHAR(1), /* 2025 */
3 RCEAS(3) CHAR(3), /* 2026-2034 */
3 MARST CHAR(1), /* 2035 */
3 DEPS PIC '99', /* 2036-2037 */
3 NODA PIC '99', /* 2038-2039 */
3 COMPT CHAR(1), /* 2040 */
3 CURST CHAR(1), /* 2041 */
3 COBO CHAR(2), /* 2042-2043 */
3 ORAPT CHAR(1), /* 2044 */
3 UUIUC CHAR(5), /* 2045-2049 */
3 CPEN CHAR(2), /* 2050-2051 */
3 PPPN CHAR(2), /* 2052-2053 */
3 TGPGC CHAR(1), /* 2054 */
3 BRAOC1 CHAR(1), /* 2055 */
3 FAAC1 CHAR(1), /* 2056 */
3 MEDN3 PIC '99', /* 2057-2058 */
3 MED1A CHAR(6), /* 2059-2064 */
3 MED2A PIC '99', /* 2065-2066 */
3 MED3A PIC '99', /* 2067-2068 */
3 MED4A CHAR(2), /* 2069-2070 */
3 MED3B PIC '99', /* 2071-2072 */
3 MABC3A CHAR(2), /* 2073-2074 */
3 MABC3B CHAR(2), /* 2075-2076 */
3 MEDMO2 CHAR(2), /* 2077-2078 */
3 MEDMO3 CHAR(3), /* 2079-2081 */
3 MDMD02 CHAR(3), /* 2082-2084 */
3 MDMD22 CHAR(2), /* 2085-2086 */
3 MGRDYY CHAR(2), /* 2087-2088 */
3 MGRDMMM CHAR(2), /* 2089-2090 */
3 MGRDDD CHAR(2), /* 2091-2092 */

NOTE: The data elements in the section above repeat for each year from 1990 through 1996 (183 * 7 years).

2 YEAR3(97:99), /* REPEATS 3 TIME 3191-3877: */
   3 DOBYY PIC '(4)9', /* 3191-3194 */
   3 DOBMM PIC '99', /* 3195-3196 */
   3 DOBDY PIC '99', /* 3197-3198 */
   3 SEX CHAR(1), /* 3199 */
   3 TGRA CHAR(3), /* 3200-3202 */
   3 TDORYY PIC '(4)9', /* 3203-3206 */
   3 TDORMM PIC '99', /* 3207-3208 */
   3 TDORDY PIC '99', /* 3209-3210 */
   3 BPEDYY PIC '(4)9', /* 3211-3214 */
   3 BPEDMM PIC '99', /* 3215-3216 */
   3 BPEDDD PIC '99', /* 3217-3218 */

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3 EADCY4 PIC '4(4)9', /* 3219-3222 */
3 EADCMN PIC '99', /* 3223-3224 */
3 EADCDN PIC '99', /* 3225-3226 */
3 DTRAY4 PIC '4(4)9', /* 3227-3230 */
3 DTRAMM PIC '99', /* 3231-3232 */
3 DTRADD PIC '99', /* 3233-3234 */
3 SOC CHAR(1), /* 3235 */
3 SEPDTY4 PIC '4(4)9', /* 3236-3239 */
3 SEPDTMM PIC '99', /* 3240-3241 */
3 SEPDTDD PIC '99', /* 3242-3243 */
3 SPD CHAR(3), /* 3244-3246 */
3 BABR CHAR(2), /* 3247-3248 */
3 BRCD CHAR(2), /* 3249-3250 */
3 FACD CHAR(2), /* 3251-3252 */
3 REDCAT CHAR(1), /* 3253 */
3 ETGHP CHAR(1), /* 3254 */
3 BYRGP4 CHAR(4), /* 3255-3258 */
3 PHDT(10), /* 3259-3338 */
4 PHDTYY4 PIC '4(4)9',
4 PHDITMM PIC '99',
4 PHDITDD PIC '99',
3 CELC CHAR(1), /* 3339 */
3 MEL CHAR(1), /* 3340 */
3 RCEAS(3) CHAR(3), /* 3341-3349 */
3 MARST CHAR(1), /* 3350 */
3 DEPS PIC '99', /* 3351-3352 */
3 NODA PIC '99', /* 3353-3354 */
3 COMPT CHAR(1), /* 3355 */
3 CURSA CHAR(1), /* 3356 */
3 COBO CHAR(2), /* 3357-3358 */
3 ORAPT CHAR(1), /* 3359 */
3 UUIC CHAR(5), /* 3360-3364 */
3 CPPN CHAR(2), /* 3365-3366 */
3 PPPN CHAR(2), /* 3367-3368 */
3 TGP  CHAR(1), /* 3369 */
3 BRAOC1 CHAR(1), /* 3370 */
3 FAAOC1 CHAR(1), /* 3371 */
3 MEDN34 PIC '4(4)9', /* 3372-3375 */
3 MED1A CHAR(6), /* 3376-3381 */
3 MED2A PIC '99', /* 3382-3383 */
3 MED3A4 PIC '4(4)9', /* 3384-3387 */
3 MED4A CHAR(2), /* 3388-3389 */
3 MED3B4 PIC '4(4)9', /* 3390-3393 */
3 MABC3A4 CHAR(4), /* 3394-3397 */
3 MABC3B4 CHAR(4), /* 3398-3401 */
3 MEDMO2 CHAR(2), /* 3402-3403 */
3 MEDMO3 CHAR(3), /* 3404-3406 */
3 MDMO32 CHAR(3), /* 3407-3409 */
3 MDMO22 CHAR(2), /* 3410-3411 */
3 MDGRDY4 PIC '4(4)9', /* 3412-3415 */
3 MDGRDMM PIC '99', /* 3416-3417 */
3 MDGRDDDD PIC '99', /* 3418-3419 */
NOTE: The data elements in the section above repeat for each year from 1997 through 1999 (229 * 3 years).

2 VSI, /* 3878-3918 */
3 OFFER PIC ' (6)9', /* 3878-3883 */
3 ACCEPT PIC ' (6)9', /* 3884-3889 */
3 RECTYPE PIC ' 9', /* 3890 */
3 PROTYPE PIC ' 9', /* 3891 */
3 RCRECFLG PIC ' 9', /* 3892 */
3 PROGGY PIC ' 99', /* 3893-3894 */
3 LOSSFLG PIC ' 9', /* 3895 */
3 JUMPSFLG PIC ' 9', /* 3896 */
3 JUMPSAMT PIC ' (6)9', /* 3897-3902 */
3 JUMPSMON PIC ' 999', /* 3903-3905 */
3 DFSASFLG CHAR(1), /* 3906 */
3 DFSASMT PIC' (6)9', /* 3907-3912 */
3 DFSASMON PIC' 999', /* 3913-3915 */
3 LOSSTAFM PIC' 999', /* 3916-3918 */

2 CORE,
3 MATCHCOD PIC ' (9)9', /* 3919-3927 */
3 DOBYY4 PIC ' (4)9', /* 3928-3931 */
3 DOBMM PIC ' 99', /* 3932-3933 */
3 DOBDD PIC ' 99', /* 3934-3935 */
3 SEX CHAR(1), /* 3936 */
3 TGRA CHAR(3), /* 3937-3939 */
3 TDORYY4 PIC ' (4)9', /* 3940-3943 */
3 TDORMM PIC ' 99', /* 3944-3945 */
3 TDORDD PIC ' 99', /* 3946-3947 */
3 BPEDYY4 PIC ' (4)9', /* 3948-3951 */
3 BPEDMM PIC ' 99', /* 3952-3953 */
3 BPEDDD PIC ' 99', /* 3954-3955 */
3 EADCYY4 PIC ' (4)9', /* 3956-3959 */
3 EADCMR PIC ' 99', /* 3960-3961 */
3 EADCRT PIC ' 99', /* 3962-3963 */
3 DTRAYY4 PIC ' (4)9', /* 3964-3967 */
3 DTRAMM PIC ' 99', /* 3968-3969 */
3 DTRADD PIC ' 99', /* 3970-3971 */
3 SOC CHAR(1), /* 3972 */
3 SEPDTYY4 PIC ' (4)9', /* 3973-3976 */
3 SEPDTMM PIC ' 99', /* 3977-3978 */
3 SEPDTDD PIC ' 99', /* 3979-3980 */
3 SPD CHAR(3), /* 3981-3983 */
3 BABR CHAR(2), /* 3984-3985 */
3 BRCN CHAR(2), /* 3986-3987 */
3 FACD CHAR(2), /* 3988-3989 */
3 UUIC CHAR(5), /* 3990-3994 */
3 REDCAT CHAR(1), /* 3995 */
3 ETHG CP CHAR(1), /* 3996 */
3 BYRGP4 CHAR(4), /* 3997-4000 */
3 PHDT(10), /* 4001-4080 */
4 PHDTTY4 PIC ' (4)9',
4 PHDTTMM PIC ' 99',
4 PHDDTD PIC ' 99',
3 CELC CHAR(1), /* 4081 */
3 MEL CHAR(1), /* 4082 */
3 RCEAS (3) CHAR(3), /* 4083-4091 */
3 MARST CHAR(1), /* 4092 */
3 DEPS PIC '99', /* 4093-4094 */
3 NODA PIC '99', /* 4095-4096 */
3 COMPT CHAR(1), /* 4097 */
3 CURSA CHAR(1), /* 4098 */
3 COBO CHAR(2), /* 4099-4100 */
3 ORAPT CHAR(1), /* 4101 */
3 CPPN CHAR(2), /* 4102-4103 */
3 PPN CHAR(2), /* 4104-4105 */
3 TGPGC CHAR(1), /* 4106 */
3 BRAOC CHAR(1), /* 4107 */
3 FAAOC CHAR(1), /* 4108 */
3 MEDN34 PIC '(4)9', /* 4109-4112 */
3 MED1A CHAR(6), /* 4113-4118 */
3 MED2A PIC '99', /* 4119-4120 */
3 MED3A4 PIC '(4)9', /* 4121-4124 */
3 MED4A CHAR(2), /* 4125-4126 */
3 MED3B4 PIC '(4)9', /* 4127-4130 */
3 MABC3A4 CHAR(4), /* 4131-4134 */
3 MABC3B4 CHAR(4), /* 4135-4138 */
3 MEDMO2 CHAR(2), /* 4139-4140 */
3 MEDMO3 CHAR(3), /* 4141-4143 */
3 MEDMO32 CHAR(3), /* 4144-4146 */
3 MEDMO22 CHAR(2), /* 4147-4148 */
3 MDGRDY4 PIC '(4)9', /* 4149-4152 */
3 MDGRDMM PIC '99', /* 4153-4154 */
3 MDGRDDD PIC '99', /* 4155-4156 */
3 OFFER PIC '(6)9', /* 4157-4162 */
3 ACCEPT PIC '(6)9', /* 4163-4168 */
3 RECTYPE PIC '9', /* 4169 */
3 PROTYPE PIC '9', /* 4170 */
3 RECREFLG PIC '9', /* 4171 */
3 PROGY PIC '99', /* 4172-4173 */
3 LOSSFLG PIC '9', /* 4174 */
3 JUMPSFLG PIC '9', /* 4175 */
3 JUMPSMT PIC '(6)9', /* 4176-4181 */
3 JUMPSMNT PIC '999', /* 4182-4184 */
3 DFASFLG CHAR(1), /* 4185 */
3 DFASAMT PIC '(6)9', /* 4186-4191 */
3 DFASMNT PIC '999', /* 4192-4194 */
3 LOSSTAFM PIC '999', /* 4195-4197 */
2 FLAG,
3 OMFLAG(79:99) CHAR(1), /* 4198-4218 */
3 DUTYFL(70:99) CHAR(1), /* 4219-4248 */
3 SEPFL(70:99) CHAR(1), /* 4249-4278 */
2 SEPH (5), /* Repeats 5 times 4279-4413: */
3 EADCYY4 PIC '(4)9',
3 EADCMN PIC '99',
3 EADCDD PIC '99',
3 SEPDTTY4 PIC '(4)9',
3 SEPDTTYM PIC '99',
3 SEPDTTYD PIC '99',

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3 BPEDYY4 PIC ' (4)9',
3 BPEDMM PIC '99',
3 BPEDDD PIC '99',
3 SPD CHAR(3);
2000 OLRDB Longitudinal Data Set:

2 YEAR(79:85), /* REPEATS 7 TIMES 1-980: */

3 DOBYY PIC '99', /* 1-2 */
3 DOBMM PIC '99', /* 3-4 */
3 DOBDD PIC '99', /* 5-6 */
3 SEX CHAR(1), /* 7 */
3 TGRA CHAR(3), /* 8-10 */
3 TDORYY PIC '99', /* 11-12 */
3 TDORMM PIC '99', /* 13-14 */
3 TDORDD PIC '99', /* 15-16 */
3 BPEDYY PIC '99', /* 17-18 */
3 BPEDMM PIC '99', /* 19-20 */
3 BPEDDD PIC '99', /* 21-22 */
3 EADCYY PIC '99', /* 23-24 */
3 EADCMY PIC '99', /* 25-26 */
3 EADCDD PIC '99', /* 27-28 */
3 DTRAYY PIC '99', /* 29-30 */
3 DTRAMM PIC '99', /* 31-32 */
3 DTRADD PIC '99', /* 33-34 */
3 SOC CHAR(1), /* 35 */
3 SEPDTYY PIC '99', /* 36-37 */
3 SEPTDMM PIC '99', /* 38-39 */
3 SEPDTDN PIC '99', /* 40-41 */
3 SPD CHAR(3), /* 42-44 */
3 BABR CHAR(2), /* 45-46 */
3 BRCB CHAR(2), /* 47-48 */
3 FACD CHAR(2), /* 49-50 */
3 REDCAT CHAR(1), /* 51 */
3 ETHGP CHAR(1), /* 52 */
3 BYRGP CHAR(2), /* 53-54 */
3 PHDT(10), /* 55-114 */
4 PHDTHY PIC '99',
4 PHDTHMM PIC '99',
4 PHDTHDD PIC '99',
3 CELC CHAR(1), /* 115 */
3 MEL CHAR(1), /* 116 */
3 RCEAS(3) CHAR(3), /* 117-125 */
3 MARST CHAR(1), /* 126 */
3 DBPS PIC '99', /* 127-128 */
3 NODA PIC '99', /* 129-130 */
3 COMPT CHAR(1), /* 131 */
3 CURSA CHAR(1), /* 132 */
3 COBO CHAR(2), /* 133-134 */
3 ORAPT CHAR(1), /* 135 */
3 CPPN CHAR(2), /* 136-137 */
3 PPNN CHAR(2), /* 138-139 */
3 TGPGE CHAR(1), /* 140 */

NOTE: The data elements in the section above repeat for each year from 1979 through 1985 (140 * 7 years).
2 YEAR1(86:89),
/* REPEATS 4 TIMES 981-1936: */
3 DOBYY PIC '99', /* 981-982 */
3 DOBMM PIC '99', /* 983-984 */
3 DOBDD PIC '99', /* 985-986 */
3 SEX CHAR(1), /* 987 */
3 TGRA CHAR(3), /* 988-990 */
3 TDORYY PIC '99', /* 991-992 */
3 TDORMM PIC '99', /* 993-994 */
3 TDORDD PIC '99', /* 995-996 */
3 BPEDYY PIC '99', /* 997-998 */
3 BPEDMM PIC '99', /* 999-1000 */
3 BPEDDD PIC '99', /* 1001-1002 */
3 EADCYY PIC '99', /* 1003-1004 */
3 EADCMY PIC '99', /* 1005-1006 */
3 EACDYY PIC '99', /* 1007-1008 */
3 DTRAYY PIC '99', /* 1009-1010 */
3 DTRAMM PIC '99', /* 1011-1012 */
3 DTRADD PIC '99', /* 1013-1014 */
3 SOC CHAR(1), /* 1015 */
3 SEPDTYY PIC '99', /* 1016-1017 */
3 SEPDTMM PIC '99', /* 1018-1019 */
3 SEPDTDD PIC '99', /* 1020-1021 */
3 SPD CHAR(3), /* 1022-1024 */
3 BABR CHAR(2), /* 1025-1026 */
3 BRCD CHAR(2), /* 1027-1028 */
3 FACD CHAR(2), /* 1029-1030 */
3 REDCAT CHAR(1), /* 1031 */
3 ETHGP CHAR(1), /* 1032 */
3 BYRGP CHAR(2), /* 1033-1034 */
3 PHDT(10), /* 1035-1094 */
4 PHDTYY PIC '99',
4 PHDTMM PIC '99',
4 PHDTDD PIC '99',
3 CELC CHAR(1), /* 1095 */
3 MEL CHAR(1), /* 1096 */
3 RCEAS(3) CHAR(3), /* 1097-1105 */
3 MARST CHAR(1), /* 1106 */
3 DEPS PIC '99', /* 1107-1108 */
3 NODA PIC '99', /* 1109-1110 */
3 COMPT CHAR(1), /* 1111 */
3 CURSA CHAR(1), /* 1112 */
3 COBO CHAR(2), /* 1113-1114 */
3 ORAPT CHAR(1), /* 1115 */
3 CPPN CHAR(2), /* 1116-1117 */
3 PPNP CHAR(2), /* 1118-1119 */
3 TGPGC CHAR(1), /* 1120 */
3 BRAOC1 CHAR(1), /* 1121 */
3 FAAOC1 CHAR(1), /* 1122 */
3 CADT CHAR(24), /* 1123-1146 */
3 CAFD CHAR(6), /* 1147-1152 */
3 CAL CHAR(3), /* 1153-1155 */
3 CAUN CHAR(4), /* 1156-1159 */
3 CMDSL1 CHAR(3), /* 1160-1162 */
3 CMDTR CHAR(3), /* 1163-1165 */

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<th>Data Type</th>
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<td>CHAR(6)</td>
<td>1172-1177</td>
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<td>CHAR(2)</td>
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<td>3 LTCTA</td>
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<td>3 SKILL(6)</td>
<td>CHAR(2)</td>
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NOTE: The data elements in the section above repeat for each year from 1986 through 1989 (241 * 4 years).
NOTE: The data elements in the section above repeat for each year from 1990 through 1996 (246 * 7 years).

2 YEAR97(1997:1997),
  3 DOBYY4 PIC 'Y4', /* 3667-3670 */
  3 DOBMM PIC 'Y9', /* 3671-3672 */
  3 DOBDD PIC 'Y9', /* 3673-3674 */
  3 SEX CHAR(1), /* 3675 */
  3 TGRA CHAR(3), /* 3676-3678 */
  3 TDORYY4 PIC 'Y4', /* 3679-3682 */
  3 TDORMM PIC 'Y9', /* 3683-3684 */
  3 TDORDD PIC 'Y9', /* 3685-3686 */
  3 BPEDYY4 PIC 'Y4', /* 3687-3690 */
  3 BPEDMM PIC 'Y9', /* 3691-3692 */
  3 BPEDDD PIC 'Y9', /* 3693-3694 */
  3 EADCYY4 PIC 'Y4', /* 3695-3698 */
  3 EADCMM PIC 'Y9', /* 3699-3700 */
  3 EADCDD PIC 'Y9', /* 3701-3702 */
  3 DTRAYY4 PIC 'Y4', /* 3703-3706 */
  3 DTRAMM PIC 'Y9', /* 3707-3708 */
  3 DTRADD PIC 'Y9', /* 3709-3710 */
  3 SOC CHAR(1), /* 3711 */
  3 SEPDTYY4 PIC 'Y4', /* 3712-3715 */
  3 SEPDTMM PIC 'Y9', /* 3716-3717 */
  3 SEPDTDD PIC 'Y9', /* 3718-3719 */
  3 SPD CHAR(3), /* 3720-3722 */
  3 BABR CHAR(2), /* 3723-3724 */
  3 BRCD CHAR(2), /* 3725-3726 */
  3 FACD CHAR(2), /* 3727-3728 */
  3 REDCAT CHAR(1), /* 3729 */
  3 ETHGP CHAR(1), /* 3730 */
  3 BYRGP4 CHAR(4), /* 3731-3734 */
3 PHDT(10), /* 3735-3814 */
4 PHDTYY4 PIC '(4)9',
4 PHDSTM PIC '99',
4 PHDSTD PIC '99',
3 CELC CHAR(1), /* 3815 */
3 MEL CHAR(1), /* 3816 */
3 RCEAS(3) CHAR(3), /* 3817-3825 */
3 MARST CHAR(1), /* 3826 */
3 DEPS PIC '99', /* 3827-3828 */
3 NODA PIC '99', /* 3829-3830 */
3 COMPT CHAR(1), /* 3831 */
3 CURSA CHAR(1), /* 3832 */
3 COBO CHAR(2), /* 3833-3834 */
3 ORAPT CHAR(1), /* 3835 */
3 UUIC CHAR(5), /* 3836-3840 */
3 CPPN CHAR(2), /* 3841-3842 */
3 PPPN CHAR(2), /* 3843-3844 */
3 TGPGC CHAR(1), /* 3845 */
3 BRAOC1 CHAR(1), /* 3846 */
3 FAAOC1 CHAR(1), /* 3847 */
3 CADT CHAR(24), /* 3848-3871 */
3 CAPD CHAR(8), /* 3872-3879 */
3 CAL CHAR(3), /* 3880-3882 */
3 CAUN CHAR(4), /* 3883-3886 */
3 CMDSL1 CHAR(3), /* 3887-3889 */
3 CMDTR CHAR(3), /* 3890-3892 */
3 COLCA1 CHAR(8), /* 3893-3900 */
3 COLTA1 CHAR(8), /* 3901-3908 */
3 CSBAD(5) CHAR(2), /* 3909-3918 */
3 DEPOS CHAR(6), /* 3919-3924 */
3 DERO8 CHAR(8), /* 3925-3932 */
3 LTCCA CHAR(8), /* 3933-3940 */
3 LTCTA CHAR(8), /* 3941-3948 */
3 SKILL(6) CHAR(2), /* 3949-3960 */

3 DOBYY4 PIC '(4)9', /* 3961-3964 */
3 DOBMM PIC '99', /* 3965-3966 */
3 DOBDD PIC '99', /* 3967-3968 */
3 SEX CHAR(1), /* 3969 */
3 TGRA CHAR(3), /* 3970-3972 */
3 TDORY4 PIC '(4)9', /* 3973-3976 */
3 TDORMM PIC '99', /* 3977-3978 */
3 TDORDD PIC '99', /* 3979-3980 */
3 BPEDYY4 PIC '(4)9', /* 3981-3984 */
3 BPEDM PIC '99', /* 3985-3986 */
3 BPEDDD PIC '99', /* 3987-3988 */
3 BADCYY4 PIC '(4)9', /* 3989-3992 */
3 EADCMM PIC '99', /* 3993-3994 */
3 EADCDD PIC '99', /* 3995-3996 */
3 DTRAY4 PIC '(4)9', /* 3997-4000 */
3 DTRAMM PIC '99', /* 4001-4002 */
3 DTRADD PIC '99', /* 4003-4004 */
3 SOC CHAR(1), /* 4005 */
3 SEPTY4 PIC '(4)9', /* 4006-4009 */
3 SEPTMM PIC '99', /* 4010-4011 */
3 SEPTDD PIC '99', /* 4012-4013 */
3 SPD CHAR(3), /* 4014-4016 */
3 BABR CHAR(2), /* 4017-4018 */
3 BRCD CHAR(2), /* 4019-4020 */
3 FACD CHAR(2), /* 4021-4022 */
3 REDCAT CHAR(1), /* 4023 */
3 ETHGP CHAR(1), /* 4024 */
3 BYRGP4 CHAR(4), /* 4025-4028 */
3 PHDT(10), /* 4029-4108 */
   4 PHDTYY4 PIC '(4)9',
   4 PHDTMM PIC '99',
   4 PHDTDD PIC '99',
3 CELC CHAR(1), /* 4109 */
3 MEL CHAR(1), /* 4110 */
3 RCRAS(3) CHAR(3), /* 4111-4119 */
3 MARST CHAR(1), /* 4120 */
3 DEPS PIC '99', /* 4121-4122 */
3 NODA PIC '99', /* 4123-4124 */
3 COMPT CHAR(1), /* 4125 */
3 CURSA CHAR(1), /* 4126 */
3 COBO CHAR(2), /* 4127-4128 */
3 ORAPT CHAR(1), /* 4129 */
3 UUIC CHAR(5), /* 4130-4134 */
3 CPPN CHAR(2), /* 4135-4136 */
3 PPPN CHAR(2), /* 4137-4138 */
3 TPGC CHAR(1), /* 4139 */
3 BRAO1 CHAR(1), /* 4140 */
3 FAAO1 CHAR(1), /* 4141 */
3 CADT CHAR(24), /* 4142-4165 */
3 CAFD CHAR(8), /* 4166-4173 */
3 CYLU CHAR(30), /* 4174-4203 */
3 CAUN CHAR(4), /* 4204-4207 */
3 CMDSL5 CHAR(5), /* 4208-4212 */
3 CMDTR5 CHAR(5), /* 4213-4217 */
3 COLCA1 CHAR(8), /* 4218-4225 */
3 COLTA1 CHAR(8), /* 4226-4233 */
3 CSBAD(5) CHAR(2), /* 4234-4243 */
3 DEPOS CHAR(6), /* 4244-4249 */
3 DEROS CHAR(8), /* 4250-4257 */
3 LTCCA CHAR(8), /* 4258-4265 */
3 LTCTA CHAR(8), /* 4266-4273 */
3 SKILL(6) CHAR(2), /* 4274-4285 */

NOTE: The data elements in the section above repeat for each year from 1998 through 2000 (325 * 3 years).

2 VSI, /* 4936-4976 */
3 OFFER PIC '(6)9', /* 4936-4941 */
3 ACCEPT PIC '(6)9', /* 4942-4947 */
3 RECYPE PIC '9', /* 4948 */
3 PROTYPE PIC '9', /* 4949 */
3 RECREFLG PIC '9', /* 4950 */
3 PROGYY PIC '99', /* 4951-4952 */
3 LOSSFLG PIC '9', /* 4953 */
3 JUMPSFLG PIC '9', /* 4954 */
3 JUMPSAMT PIC '(6)9', /* 4955-4960 */
3 JUMPSMON PIC '999', /* 4961-4963 */
3 DFASFLG CHAR(1), /* 4964 */
3 DFASANT PIC'(6)9', /* 4965-4970 */
3 DFASMON PIC'999', /* 4971-4973 */
3 LOSSTAFM PIC'999', /* 4974-4976 */

2 CORE,
3 MATCHCOD PIC '(9)9', /* 4977-4985 */
3 DOBYY4 PIC '(4)9', /* 4986-4989 */
3 DOBMM PIC '99', /* 4990-4991 */
3 DOBDD PIC '99', /* 4992-4993 */
3 SEX CHAR(1), /* 4994 */
3 TGRA CHAR(3), /* 4995-4997 */
3 TDOYY4 PIC '(4)9', /* 4998-5001 */
3 TDOMMM PIC '99', /* 5002-5003 */
3 TDORDD PIC '99', /* 5004-5005 */
3 BPEDYY4 PIC '(4)9', /* 5006-5009 */
3 BPEDMM PIC '99', /* 5010-5011 */
3 BPEDDD PIC '99', /* 5012-5013 */
3 EADCYY4 PIC '(4)9', /* 5014-5017 */
3 EADCMM PIC '99', /* 5018-5019 */
3 EADCDD PIC '99', /* 5020-5021 */
3 DTRAYY4 PIC '(4)9', /* 5022-5025 */
3 DTRAMM PIC '99', /* 5026-5027 */
3 DTRADD PIC '99', /* 5028-5029 */
3 SOC CHAR(1), /* 5030 */
3 SEPDTTY4 PIC '(4)9', /* 5031-5034 */
3 SEPDTM MM PIC '99', /* 5035-5036 */
3 SEPDTD DD PIC '99', /* 5037-5038 */
3 SPD CHAR(3), /* 5039-5041 */
3 BABR CHAR(2), /* 5042-5043 */
3 BRCD CHAR(2), /* 5044-5045 */
3 FACD CHAR(2), /* 5046-5047 */
3 UUIC CHAR(5), /* 5048-5052 */
3 REDCAT CHAR(1), /* 5053 */
3 ETPHGP CHAR(1), /* 5054 */
3 BYRGP4 CHAR(4), /* 5055-5058 */
3 PHDT(10), /* 5059-5138 */
    4 PHDPTY4 PIC '(4)9',
    4 PHDITMM PIC '99',
    4 PHDITDD PIC '99',
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3 MEL CHAR(1), /* 5140 */
3 RCEAS(3) CHAR(3), /* 5141-5149 */
3 MARST CHAR(1), /* 5150 */
3 DEPS PIC '99', /* 5151-5152 */
3 NODA PIC '99', /* 5153-5154 */
3 COMPT CHAR(1), /* 5155 */
3 CURSA CHAR(1), /* 5156 */
3 COBO CHAR(2), /* 5157-5158 */

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3 ORAPT CHAR(1), /* 5159 */
3 CPPN CHAR(2), /* 5160-5161 */
3 PPNN CHAR(2), /* 5162-5163 */
3 TGPGC CHAR(1), /* 5164 */
3 BRAOC1 CHAR(1), /* 5165 */
3 FAAOC1 CHAR(1), /* 5166 */
3 CADT CHAR(24), /* 5167-5190 */
3 CAFD CHAR(8), /* 5191-5198 */
3 CAL CHAR(3), /* 5199-5201 */
3 CAUN CHAR(4), /* 5202-5205 */
3 CMDSL1 CHAR(3), /* 5206-5208 */
3 CMDTR CHAR(3), /* 5209-5211 */
3 COLCA1 CHAR(8), /* 5212-5219 */
3 COLTA1 CHAR(8), /* 5220-5227 */
3 CGBAD(5) CHAR(2), /* 5228-5237 */
3 DEPOS CHAR(6), /* 5238-5243 */
3 DEROS CHAR(8), /* 5244-5251 */
3 LTCCA CHAR(8), /* 5252-5259 */
3 LTCTA CHAR(8), /* 5260-5267 */
3 SKILL(6) CHAR(2), /* 5268-5279 */
3 CYLU CHAR(30), /* 5280-5309 */
3 CMDSL5 CHAR(5), /* 5310-5314 */
3 CMDTR5 CHAR(5), /* 5315-5319 */
3 MILD(15) CHAR(2), /* 5320-5349 */
3 MILDAT(15) CHAR(4), /* 5350-5409 */
3 OFFER PIC '(6)9', /* 5410-5415 */
3 ACCEPT PIC '(6)9', /* 5416-5421 */
3 RECTYPE PIC '9', /* 5422 */
3 PROTYPE PIC '9', /* 5423 */
3 RECREFLG PIC '9', /* 5424 */
3 PROGY PIC '99', /* 5425-5426 */
3 LOSSFLG PIC '9', /* 5427 */
3 JUMPSFLG PIC '9', /* 5428 */
3 JUMPSAMT PIC '(6)9', /* 5429-5434 */
3 JUMPSMON PIC '999', /* 5435-5437 */
3 DFSASFLG CHAR(1), /* 5438 */
3 DFSASMT PIC '(6)9', /* 5439-5444 */
3 DFSASON PIC '999', /* 5445-5447 */
3 LOSSTAFM PIC '999', /* 5448-5450 */

2 FLAG,
3 OMFLAG(1979:2000) CHAR(1), /* 5451-5472 */

2 SEPH(5), /* Repeats 5 times 5535-5669: */
3 EADCYY4 PIC '(4)9',
3 EADCMNN PIC '99',
3 EADCDD PIC '99',
3 SEPDTYY4 PIC '(4)9',
3 SEPDMNN PIC '99',
3 SEPDTDD PIC '99',
3 BPEDEY4 PIC '(4)9',
3 BPEDEMM PIC '99',
3 BPEDEDDE PIC '99',
3 SPD CHAR(3);

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APPENDIX C
OSETDB Assignment History and Selection Board Data Elements
APPENDIX C

OSETDB ASSIGNMENT HISTORY AND SELECTION BOARD DATA ELEMENTS

OSETDB Data Elements from Selection Board File:

BOARDTP1-BOARDTP5
Type of Promotion Board
3 Characters
A derived field indicating the Selection Board file of the promotion data.

Code Values:
CPT  Captain Board File
MAJ  Major Board File
COL  Colonel Board File
LTC  Lt. Colonel Board File

BOARDyr1-BOARDyr5
Selection Board Year
4 Characters
The last two digits of the year in which the promotion board met. Note: In 1994 the promotion board met twice, therefore, this field contains a '-1' or a '-2' in the last two digits of the 1994 board years (e.g. 94-1).

SELECT1-SELECT5
Selection Board Code
1 Character
Indicates an officer's promotion selection status.

Code Values:
1  Selected
2  Not Selected

ZONE1-ZONE5
Selection Board Zone
1 Character
Indicates the officer's promotion zone.

Code Values:
1  Below
2  In
3  Above
OSETDB Assignment History Data Elements:

The OSETDB Assignment History data elements are available from 1979 through 2000 unless otherwise indicated.

BABR(YY) Basic Branch for Commissioned Officers
2 Characters
The branch of service in which an officer is commissioned or to which he is subsequently transferred or appointed.

Code Values:
AD Air Defense Artillery
AG Adjutant General's Corps
AN Army Nurse Corps
AR Armor
AV Aviation
CA Civil Affairs/Military Government
CE Communications-Electronics
CH Chaplains
CM Chemical Corps
DE Dental Corps
EN Corps of Engineers
FA Field Artillery
FI Finance Corps
GA Administrative and Graphics
GC Army General Staff
GO General Officers
IG Inspector General
II Criminal/Intelligence Invest
IN Infantry
JA Judge Advocate General's Corps
MC Medical Corps
MI Military Intelligence Branch
MM Mechanical Maintenance
MP Military Police Corps
MS Medical Service Corps
NG National Guard Bureau
OD Ordnance Corps
PR Professor, US Military Academy
QM Quartermaster Corps
SC Signal Corps
SF Special Forces
SP Army Medical Specialist Corps
SS Staff Specialist
SV Supply and Services
TC Transportation Corps
VC Veterinary Corps
WC Rescinded
### BRCD(YY)

**Branch Code**

2 Characters

The branch that the officer received on entry to active duty or later received as a result of a branch transfer. For officers on active duty prior to the implementation of the Officer Personnel Management System (OPMS), this field may contain a functional area code.

**NOTE:** BRCD is available in 1986-2000 from the OMF and in 1987-2000 from the SOMF.

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<th>Description</th>
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<td>Contract Construction Management Engineer</td>
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<td>Signal Corps</td>
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<td>Civil Affairs (Reserve Components Only)</td>
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<td>Club Management</td>
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<td>Aviation Mat Management</td>
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<td>Communications/Electronics Material</td>
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<td>Missile Mat Management</td>
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74 Chemical Corps
75 Munitions Mat Management
76 Armament Mat Management
77 TNK/GRND Mat Management
81 Petroleum Management
82 SUBSIS Management
87 Marine and Terminal Operations
88 Highway and Rail Operations
95 Transportation Management
91 Ordnance Corps
92 Quartermaster Corps
97 Procurement
99 Combat Developments

CADT(YY) Current Assignment Duty Title
24 Characters
An alpha and numeric description of the duty which
The officer is performing (abbreviated as required).

CAPD(YY) Current Assignment From Date
6 Characters (yymmdd) 1997 OSFTDB
8 Characters (ccyymmdd) 1998 OSFTDB
A description of the officer's current assignment
from date. The from date will represent Date
of Entry on Active Duty in Current Tour, Reporting
Date or the effective date of change for a unit
redesignation, correction, or change in duty
title, as applicable.

CAL(YY) Current Assignment Location Code
3 Characters
A code indicating the Army area and state or
foreign country where an officer's unit is located.
The first position contains the Army location
number 1, 3, 5-7, the last two positions contain
the alphabetic state abbreviation, or all 3
positions contain a foreign country abbreviation.
NOTE: CAL is available in 1979-1997 from the OMF
and SOMF. See CYLU98 for 1998, CYLU99 for 1999,
and CYLU00 for 2000.

CAUN(YY) Current Assignment Unit Number
4 Characters
Used in conjunction with Unit Designation to
identify the individual's unit of assignment. The
codes are established by Deputy Chief of Military
Operations.
CELC(YY)  
Civilian Education Level  
1 Character  
Indicates the highest level of school attended or completed.  
Code Values:  
9  Non-high school graduate  
8  High school graduate or General Education Development Test  
7  Less than 2 years college, non-graduate (includes nurse)  
6  2 or more years college, non-graduate (includes nurse), AA degree, AD degree, 2CX Test for 1948-53, or 2 years college equivalency  
5  College graduate, baccalaureate degree from accredited university  
4  Year or more of post-graduate, no degree  
2  Master's degree from accredited university  
1  Doctoral degree from accredited university  
A  Attending for Doctorate  
B  Attending for Master's  
C  Attending for Professional  
D  Attending for Baccalaureate  
E  Attending for Associate  

CMDSL1(YY)  
Troop Command Tour  
3 Characters  
Contains troop command assignment data for Colonel level.  

Code Values:  
01  Principal Command Designee Deferred Colonel Level  
01A  Combat Arms  
01B  Combat Support Arms  
01C  Logistics Troop Command  
01D  Combat Service Support  
01E  Project Manager  
01F  District Engineer  
01G  Aviation Command  
01H  Joint Proponent Command  
02  Commanded a HQDA Command Designated Unit at the Colonel Level  
02A  Combat Arms (TOE)  
02B  Combat Support Arms (TOE)  
02C  Combat Service Support (TOE)
02D Combat Service Support (TDA)
02E District Engineer (TDA)
02F Aviation Command (TOE)
02G Aviation Command (TDA)
02J Joint Command (TDA)
02K Combat Arms (TDA)
02L Combat Support Arms (TDA)
02P Project Manager
02T Training Command (TDA)

03 Principal Designee Colonel Level (Temporary Entry)
03A Combat Army (TOE)
03B Combat Support Arms (TOE)
03C Combat Service Support (TOE)
03D Combat Service Support (TDA)
03E District Engineer (TDA)
03F Aviation Command (TOE)
03G Aviation Command (TDA)
03J Joint Command (TDA)
03K Combat Arms (TDA)
03L Combat Support Arms (TDA)
03P Project Manager
03T Training Command (TDA)

04 Alternate Designee Colonel Level (Temporary Entry)
04A Combat Arms
04B Combat Support Arms
04C Combat Service Support
04P Project Manager

05 Declined Command Colonel Level
05A Combat Arms (TOE)
05B Combat Support Arms (TOE)
05C Combat Service Support (TOE)
05D Combat Service Support (TDA)
05E District Engineer (TDA)
05F Aviation Command (TOE)
05G Aviation Command (TDA)
05J Joint Command (TDA)
05K Combat Arms (TDA)
05L Combat Support Arms (TDA)
05P Project Management
05T Training Command (TDA)

06 Commanded at the LTC Level Prior to Implementation
of HQDA Centralized Command Selection
06A Combat Arms Troop Command (TOE)
06B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
06C Aviation Command (TOE)
06D Training Battalion Command (TOE)
06E Combat Support Arms Troop Command (TOE)
06F Combat Support Arms Management Command (TOE)
06G Combat Service Support Arms Troop Command (TOE)
06H Combat Service Support Arms Management Command (TOE)

07 Commanded a HQDA Command Designated Unit at the LTC Level (TOE)
07A Combat Arms Troop Command (TOE)
07B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
07C Aviation Command (TOE)
07D Training Battalion Command (TOE)
07E Combat Support Arms Troop Command (TOE)
07F Combat Support Arms Management Command (TOE)
07G Combat Service Support Arms Troop Command (TOE)
07H Combat Service Support Arms Management Command (TOE)

08 Commanding HQDA Command Designated Unit at the LTC Level (TOE)
08A Combat Arms Troop Command (TOE)
08B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
08C Aviation Command (TOE)
08D Training Battalion Command (TOE)
08E Combat Support Arms Troop Command (TOE)
08F Combat Support Arms Management Command (TOE)
08G Combat Service Support Arms Troop Command (TOE)
08H Combat Service Support Arms Management Command (TOE)

09 Principal Command Designee LTC Level (TOE)
09A Combat Arms Troop Command (TOE)
09B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
09C Aviation Command (TOE)
09D Training Battalion Command (TOE)
09E Combat Support Arms Troop Command (TOE)
09F Combat Support Arms Management Command (TOE)
09G Combat Service Support Arms Troop Command (TOE)
09H Combat Service Support Arms Management Command (TOE)

11 Ineligible for Command Consideration
11A Retirement
11B Separation
11C OBD
11D PR (USMA)
11E Other
11F Declined Consideration
11G  Declined Command (LTC)
11H  Relieved
11K  PAP (USMA)
11O  Former PM
11P  Declined Product Manager

12  Commanding HQDA Command Designated Unit at the Colonel Level
12A  Combat Arms (TOE)
12B  Combat Support Arms (TOE)
12C  Combat Service Support (TOE)
12D  Combat Service Support (TDA)
12E  District Engineer (TDA)
12F  Aviation Command (TOE)
12G  Aviation Command (TDA)
12J  Joint Command (TDA)
12K  Combat Arms (TDA)
12L  Combat Support Arms (TDA)
12P  Project Manager
12T  Training Command (TDA)

13A  Company Level Command for Company Grade Officers

14  Principal Command Designee Deferred LTC Level
14A  Combat Arms Troop Command
14B  FAO (Special Forces, Psyop, Civil Affairs)
14C  Aviation Command
14D  Training Battalion Command
14E  Combat Support Arms Troop Command
14F  Combat Support Arms Management Command
14G  Combat Service Support Arms Troop Command
14H  Combat Service Support Arms Management Command
14P  Deferred Product Manager - HQDA Centralized Selection

26  Commanded at the LTC Level Prior to Implementation of HQDA Centralized Command Selection (TDA)
26A  Combat Arms Troop Command (TDA)
26B  FAO (Special Forces, Psyop, Civil Affairs) (TDA)
26C  Aviation Command (TDA)
26D  Training Battalion Command (TDA)
26E  Combat Support Arms Troop Command (TDA)
26F  Combat Support Arms Management Command (TDA)
26G  Combat Service Support Arms Troop Command (TDA)
26H  Combat Service Support Arms Management Command (TDA)
26P  Product Manager (PM) Prior to HQDA Centralized Command Selection

C-8
27 Commanded a HQDA Command Designated Unit at the LTC Level (TDA)
  27A Combat Arms Troop Command (TDA)
  27B FAO (Special Forces, Psyop, Civil Affairs) (TDA)
  27C Aviation Command (TDA)
  27D Training Battalion Command (TDA)
  27E Combat Support Arms Troop Command (TDA)
  27F Combat Support Arms Management Command (TDA)
  27G Combat Service Support Arms Troop Command (TDA)
  27H Combat Service Support Arms Management Command (TDA)
  27P Former Product Manager - HQDA Centralized Selection (TDA)

28 Commanding HQDA Command Designated Unit at the LTC Level (TDA)
  28A Combat Arms Troop Command (TDA)
  28B FAO (Special Forces, Psyop, Civil Affairs) (TDA)
  28C Aviation Command (TDA)
  28D Training Battalion Command (TDA)
  28E Combat Support Arms Troop Command (TDA)
  28F Combat Support Arms Management Command (TDA)
  28G Combat Service Support Arms Troop Command (TDA)
  28H Combat Service Support Arms Management Command (TDA)
  28P Serving Product Manager - HQDA Centralized Selection (TDA)

29 Principal Command Designee LTC Level (TDA)
  29A Combat Arms Troop Command (TDA)
  29B FAO (Special Forces, Psyop, Civil Affairs) (TDA)
  29C Aviation Command (TDA)
  29D Training Battalion Command (TDA)
  29E Combat Support Arms Troop Command (TDA)
  29F Combat Support Arms Management Command (TDA)
  29G Combat Service Support Arms Troop Command (TDA)
  29H Combat Service Support Arms Management Command (TDA)
  29P Designee Product Manager - HQDA Centralized Selection (TDA)

CMDSL598 Troop Command Tour
CMDSL599 5 Characters
CMDSL500 Contains troop command assignment data for Colonel level.
NOTE: CMDSL5yy is available in 1998-2000 from the OMF and SOMF. See CMDSL1(YY) for 1979-1997.
CMDTR(YY)  Troop Command Tour
3 Characters
Contains troop command assignment data for Lt. Colonel level.

Code Values:
Refer to data element CDMSL1 for the 1979-1997 code values.

CMDTR598  Troop Command Tour
5 Characters
CMDTR599  Troop Command Tour
5 Characters
CMDTR500  Troop Command Tour
5 Characters
Contains troop command assignment data for Lt. Colonel level.
NOTE: CMDTR5yy is available in 1998-2000 from the
OMF and SOMF. See CMDTR(YY) for 1979-1997.

COLCA1(YY)  Troop Command Date Terminated Assignment
8 Characters (ccyymmdd)
The date an individual completed serving in a
Colonel level command position.
NOTE: COLCA1 is available in 1983-2000 from the OMF and SOMF.

COLTA1(YY)  Troop Command Date Commenced Assignment
8 Characters (ccyymmdd)
The date an individual began serving in a
Colonel level command position.
NOTE: COLTA1 is available in 1983-2000 from the OMF and SOMF.

CPPN(YY)  Current Procurement Program Number
2 Characters
An identification of the source from which commissioned or appointed, or the reason for return to the active army once separated or dropped from the rolls. The code values for this data element can be obtained from Army Regulation AR 601-110 and the OMF Users Information Manual.
Combat and Special Skill Badges

2 Characters

A recognition to denote proficiency in performance of duties under hazardous conditions and circumstances of extraordinary hardship as well as special qualifications and successful completion of prescribed courses of training.

NOTE: CSBAD1-CSBAD5 are available in 1986-2000 from the OMF and SOMF.

Code Values:
CI Combat Infantryman Badge
EI Expert Infantryman Badge
CM Combat Medical Badge
EM Expert Field Medical Badge
MP Master Parachutist Badge (Group 1)
SP Senior Parachutist Badge (Group 1)
PC Parachutist Badge (Group 1)
MA Master Army Aviator (Group 2)
SA Senior Army Aviator (Group 2)
AV Army Aviator (Group 2)
FN Naval Flight Officer Insignia
MS Master Flight Surgeon (Group 3)
SS Senior Flight Surgeon (Group 3)
FS Flight Surgeon (Group 3)
MD Master Diver (Group 4)
FC First-Class Diver (Group 4)
SL Salvage Diver (Group 4)
SC Second-Class Diver (Group 4)
SD Scuba Diver (Group 4)
ND Naval Diving Officer Insignia (Group 4)
ME Master Explosive Ordnance Disposal (Group 5)
SE Senior Explosive Ordnance Disposal (Group 5)
ED Explosive Ordnance Disposal (Group 5)
GB Glider Badge
PF Pathfinder Badge
AA Air Assault Badge
MC Master Aircraft Crewman (Group 6)
SB Senior Aircraft Crewman (Group 6)
AC Aircraft Crewman (Group 6)
NA U.S. Navy Aircrew Insignia (Group 6)
NC Nuclear Reactor, Reactor Commander (Group 7)
NP Nuclear Reactor, Plant Supervisor (Group 7)
SN Nuclear Reactor, Shift Supervisor (Group 7)
NF Nuclear Reactor, First Class (Group 7)
NS Nuclear Reactor, Second Class (Group 7)
NB Nuclear Reactor, Basic (Group 7)
AM Air Force Missile Badge
RT Ranger Tab
SF Special Forces Tab
DM Driver and Mechanic Badge
IS U.S. Distinguished International Shooter Badge
DR Distinguished Rifleman Badge
PS Distinguished Pistol Shot Badge
ER  Excellence in Competition Badge, Rifleman
EP  Excellence in Competition Badge, Pistol
PH  President's Hundred Tab
FA  Air Force Flight Nurse Badge
FB  Air Force Navigator/Observer Badge
FD  Air Force Master Space Badge
FE  Air Force Senior Space Badge
FF  Air Force Basic Space Badge
FG  USAF Security Police Qualification Badge, Basic
FH  USAF Air Weapons Controller Badge
FI  USAF Air Traffic Controller Badge, Master
FJ  USAF Air Traffic Controller Badge, Senior
FK  USAF Air Traffic Controller Badge, Basic
FL  Air Force Senior Dental Badge
FM  USAF Security Police Qualification Badge, Senior
FP  Air Force Pilot Badge, Basic
FR  USAF Security Police Qualification Badge, Master
NI  U.S. Navy Submarine Insignia
NM  U.S. Navy Diving (Medical) Insignia
NW  Naval Special Warfare Insignia
PI  U.S. Navy Parachute Insignia
PR  Parachute Rigger Badge
DP  U.S. Navy Nuclear Missile Submarine Deterrent Patrol Insignia

CYLU98  Current Assignment Location Code
       30 Characters
CYLU99  The Army area and state or foreign country where an officer's unit is located.
CYLU00  

DEPOS(YY)  Year-Month Departed for Overseas Tour
           6 Characters (ccyymm)
           The year and month an officer departed from a port in the continental U.S. (CONUS) to overseas for a new assignment.

DEROS(YY)  Date Eligible for Return from Overseas
           8 Characters (ccyymmdd)
           The date the individual will become eligible to return to continental U.S. (CONUS) or non-CONUS area of residence from overseas service.

C-12
FACD(YY) Functional Area Code
2 Characters
The additional designated specialty in which an officer will be managed and developed under the Officer Personnel Management System (OPMS). For officers on active duty prior to the implementation of the revised OPMS, this field may contain a Branch code. Refer to data element BRCD for the code values.
NOTE: FACD is available in 1986-2000 from the OMF and in 1987-2000 from the SOMF.

FAST1(YY) & FAST3(YY) Foreign Area Officer Program - #1 and #2 Status Code
1 Character
The competency of an officer in the Foreign Area Officer Program (FAO).
NOTE: FAST1 is available in 1979-1997 from the OMF and SOMF. FAST3 is available in 1983-1997 from the OMF and SOMF.

Code Values:
1 Identified for Future Training or Assignment
2 In FAO Regional Training
3 Partially Qualified
4 Fully Qualified
9 Deletion

FAST2(YY) & FAST4(YY) Foreign Area Officer Program - #1 and #2 Country Specialized
2 Characters
The country in which an officer specialized in the Foreign Area Officer Program (FAO).
NOTE: FAST2 is available in 1979-1997 from the OMF and SOMF. FAST4 is available in 1983-1997 from the OMF and SOMF.

Code Values:
4A Africa, South of Sahara
4C West Europe
4E Russia/East Europe
4G Middle East/North Africa
4K Latin America
4M China
4N Northeast Asia
4Q South Asia
4R Southeast Asia
4Y International Military Affairs
4Z Area Unspecified
HEIGT(YY) Physical Data - Height
2 Numeric
The stature of the officer measured in inches.

LTCCA(YY) Troop Command Date Commenced Assignment
8 Characters (ccyymmdd)
The date an individual began serving in a Lt. Colonel level command position.
NOTE: LTCCA is available in 1983-2000 from the OMF and SOMF.

LTCTA(YY) Troop Command Date Terminated Assignment
8 Characters (ccyymmdd)
The date an individual completed serving in a Lt. Colonel level command position.
NOTE: LTCTA is available in 1983-2000 from the OMF and SOMF.

MARST(YY) Marital Status
1 Character
The legal status of an individual as it relates to marriage.

Code Values:
A  Annullled
D  Divorced
I  Interlocutory
J  Married to a Service Member
L  Legally Separated
M  Married
S  Single
W  Widowed

MBL(YY) Military Education Level
1 Character
Indicates the highest Military Schooling Credit (attended, non-resident or constructive) attained during the officer's current status only (i.e., as a commissioned officer). Also included are commissioned officers selected to attend Senior Service Schools.

Code Values:
1 Senior Service College Graduate (includes Foreign SSC, Army War College, Corresponding Studies, SSC Selectee for the next class and Constructive Credit Awards)
2 Senior Service College Resident Selectee - but Deferred (Foreign and US)
3 Army War College Corresponding Studies -
Selectee
4 Staff College Level Graduate (includes electee for the next class, Resident, Non-resident, Constructive Credit, and Foreign Schools)
5 Staff College Level Selectee - but Deferred Graduate
6 Branch Advanced Course Graduate (Resident or Non-Resident)
7 Branch Basic Course Graduate (Resident or Non-Resident)
8 Specialist Course Graduate (Resident or Non-Resident)
9 Negative
L Combined Arms and Service Staff School (CAS3) Phase I-Enrollee
M Combined Arms and Service Staff School (CAS3) Phase I-Completed
N Combined Arms and Service Staff School (CAS3)
A Warrant Officer Senior Course (attended/constructive credit)
B Warrant Officer Advanced Course (attended/constructive credit)
C Warrant Officer Entry Course (attended/constructive credit)
D Warrant Officer Functional or Skill Refinement Course (attended/constructive credit)
E Negative
F Warrant Officer Senior Course (deferred)
G Warrant Officer Senior Course (Non-Resident Enrollee)
H Warrant Officer Advanced Course (Non-Resident Enrollee)
S C&GSC (Non-Resident Enrollee)
T Advanced Course Non-Resident Enrollee
Y None
Military Decorations
2 Characters
A medal, badge, or device, to be worn on the military uniform, awarded to a service member by a U.S. Armed Force for specific act or acts of gallant or meritorious service.
NOTE: MILD1-MILD15 do not repeat for the 1979-2000 year segments because the data are cumulative over time. The fields were available in 1983-2000 from the OMF and in 1984-2000 from the SOMF.

Code Values:
MH Medal of Honor
DX Distinguished Service Cross
DS Defense Distinguished Service Medal
NX Navy Cross
FC Air Force Cross
DM Distinguished Service Medal
SS Silver Star
SU Defense Superior Service Medal
LM Legion of Merit
DF Distinguished Flying Cross
MS Soldier's Medal
CG Coast Guard Medal
NM Navy and Marine Corps Medal
AM Airman's Medal
BS Bronze Star Medal
BV Bronze Star Medal with Combat Distinguishing Device "V"
PH Purple Heart
MR Defense Meritorious Service Medal
MM Meritorious Service Medal
AS Air Medal
AD Air Medal with Combat Distinguishing Device "V"
JS Joint Service Commendation Medal
JV Joint Service Commendation Medal with Combat Distinguishing Device "V"
CA Army Commendation Medal
AV Army Commendation Medal with Combat Distinguishing Device "V"
JA Joint Service Achievement Medal
CN Navy Commendation Medal
NV Navy Commendation Medal with Combat Distinguishing Device "V"
MA Army Achievement Medal
NA Navy Achievement Medal
CF Air Force Commendation Medal
CC Coast Guard Commendation Medal
AC Air Force Achievement Medal
CM Coast Guard Achievement Medal
CR Combat Action Ribbon
MILDAT1 - MILDAT15
Military Decoration Year (derived)
4 Characters (ccyy)
The year a military decoration was awarded. This
data element was derived by assigning the year
of the OMF or SOMF file in which the military
decoration first appeared.
NOTE: These data elements do not repeat for
the 1979 through 2000 year segments.

NODA(YY)
Number of Adult Dependents
2 Numeric
The number of persons, 21 years of age or older,
(includes spouse) who are authorized dependents of
the sponsor.

Code Values:
0    No Adult Dependents
1-99 Number of Adult Dependents

NOADC(YY)
Number of Dependent Children
2 Numeric
The number of persons, under 21 years of age, who
are authorized dependents of the sponsor.

Code Values:
0    No Child Dependents
1-99 Number of Child Dependents

OPP(YY)
Officer Promotion Potential Code
1 Character
A code to indicate the officer's potential for
promotion to the next higher grade.
NOTE: OPP is available in 1983-1991 from the OMF
and SOMF.

Code Values:
P    Officer has Promotion Potential
R    Officer is a Promotion Risk

OPPDTE
Officer Promotion Potential Date
6 Characters (ccyymm)
The date the officer's potential for
promotion to the next higher grade was last
updated.
NOTE: OPPDTE is available in 1983-2000 from the OMF
and SOMF.
PPPN(YY) Previous Procurement Program Number
2 Characters
The original Procurement Program Number of officers
who have been integrated into the Regular Army from
another component while on active duty. The code
values for this data element can be obtained from
Army Regulation AR 601-110 and the OMF Users
Information Manual.

SKILL1(YY) - Skills
SKILL6(YY) 2 Characters
Identifies specialized skills possessed by the
officer which may be related to more than one
branch or functional area. Refer to AR 611-101
for code values.
NOTE: SKILL1-SKILL6 are available in 1986-2000
from the OMF and in 1987-2000 from the SOMF.

TGPGC(YY) Temporary Grade/Promotable Grade Code
1 Character
The grade code of an officer who is in a promotable
status.

Code Values:
A Promotable grade code for G A, GEN, LTG, M G,
and B G
B Promotable grade code for COL
C Promotable grade code for LTC
D Promotable grade code for MAJ
E Promotable grade code for CPT
F Promotable grade code for 1LT
G Promotable grade code for 2LT
U Promotable grade code for CW4
V Promotable grade code for CW3
W Promotable grade code for CW2
X Promotable grade code for WO1

TGRA(YY) Temporary Grade
6 Characters
A field containing the standard grade abbreviation
of the temporary grade held by an officer. This
data element is the last or current rank for the
officer. The date on which this rank was achieved
is stored in the data element TDOR. It is not
reflected in the promotion history data elements.

Code Values:
G A General of the Army
GEN General
LTG Lieutenant General
M G Major General

C-18
UUIC(YY)
Parent Unit Designator and Descriptive Designator
5 Characters
Represents the U.S. Army Reserve or National Guard
unit which was called up for Active Duty during
mobilization. Used to identify officers who
entered active duty when their particular Reserve
or National Guard units were activated under
emergency mobilization. See AR 18-50-11 for code
values.
NOTE: UUIC is available in 1981-2000 from the OMF
and SOMF.

WEIGT(YY)
Physical Data - Weight
3 Numeric
The number of pounds an officer weighs.
APPENDIX D
Record Layout of Flat OSETDB Data Sets
# APPENDIX D

## RECORD LAYOUT OF FLAT OSETDB DATA SETS

### 1999 OSETDB

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| 14                | ETSSTTY       | $2     |  
| 16                | ETSEDLEV      | $2     |  
| 18                | ETSVERB       | 3      |  
| 21                | ETSMATH       | 3      |  
| 24                | ETSREAD       | 2      |  
| 26                | ETSVOCAB      | 2      |  
| 28                | ETSTSWE       | $3     | /* VSI DATA */  
| 31                | ETSTST        | $4     |  
| 35                | ETSYEAR       | $4     |  
| 39                | OFFRYY        | $2     |  
| 41                | OFFRMM        | $2     |  
| 43                | OFFRDD        | $2     |  
| 45                | ACPTYY        | $2     |  
| 47                | ACPTMM        | $2     |  
| 49                | ACPTDDD       | $2     |  
| 51                | RECTYP        | $1     |  
| 52                | PROTYP        | $1     |  
| 53                | REPFLG        | $1     |  
| 54                | PROGFY        | $2     |  
| 56                | LOSFLG        | $1     |  
| 57                | JMPFLG        | $1     |  
| 58                | JMPAMT        | 6      |  
| 64                | JMPMON        | 3      |  
| 67                | DFASFLG       | $1     | /* ACT DATA */  
| 68                | DFASAMT       | 6      |  
| 74                | DFASMON       | 3      |  
| 77                | LOSSTAFM      | 3      |  
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| 84                | ACTZIP        | $5     |  
| 89                | ACTSEX        | $2     |  
| 91                | ACTCLASS      | $2     |  
| 93                | ACTDOB        | $6     |  
| 117               | ACTCNTY       | $17    |  
| 137               | ACTPADDR      | $1     |  
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| 183               | ACTMATH       | 2      |  
| 185               | ACTSOC        | 2      |  
| 187               | ACTOSCI       | 2      |  
| 189               | ACTOCOMP      | 2      |  
| 211               | ACTHSGAE      | $1     |  
| 212               | ACTHSGAM      | $1     |  
| 213               | ACTHSGAS      | $1     |  
| 214               | ACTHSGAN      | $1     |  

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