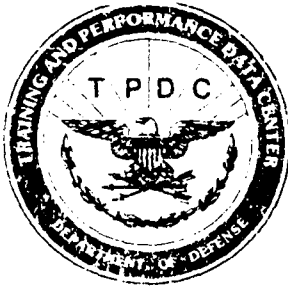


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DEFENSE INSTALLATIONS, RANGES,
AND TRAINING AREAS
INFORMATION SYSTEM
(DIRT)

FINAL REPORT

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OCTOBER 1989

DEPARTMENT OF DEFENSE
TRAINING AND PERFORMANCE DATA CENTER

3280 PROGRESS DRIVE, ORLANDO, FL 32826-3229

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DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
INFORMATION SYSTEM
(DIRT)

FINAL REPORT

October 1989

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DEPARTMENT OF DEFENSE
TRAINING AND PERFORMANCE DATA CENTER

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The initial Tasking Summary for the Defense Training and Performance Data Center (TPDC) documented the need for a consolidated, automated source of data on training installations and ranges. Based on this need, development commenced for an automated information system comprised of defense installations, weapons training ranges, unit training areas, unit training facilities, and associated requirements and standards data. This report documents the development of the Land Warfare module of the Defense Installations, Ranges, and Training Areas (DIRT) Information System to its operational stage. The Defense Installations, Ranges, and Training Areas Information System supports Offices of the Secretary of Defense, training system planners, unit commanders in the military Services, and the Joint Chiefs of Staff along with the Unified Commands.					
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EXECUTIVE SUMMARY

The Initial Tasking Summary for the Defense Training and Performance Data Center (TPDC) documented the need for a consolidated, automated source of data on training installations and ranges. Based on this need, development commenced for an automated information system comprised of defense installations, weapons training ranges, unit training areas, unit training facilities, and associated requirements and standards data.

This report documents the development of the Land Warfare module of the Defense Installations, Ranges, and Training Areas (DIRT) Information System to its operational stage. The report also provides the overall concept for development of the Air Warfare and Maritime Warfare modules of the system, as well as linkages to other complementary data bases within the TPDC "corporate" data structure.

The data structure, content, and applications of the information system, as well as hardware and software utilization, is discussed in detail.

The Land Warfare module of the DIRT Information System is operational with inventory and capabilities of military training ranges located within the continental United States, and Hawaii. Limited data concerning unit training areas and facilities are also available within the Land Warfare module.

The Defense Installations, Ranges, and Training Areas Information System supports Offices of the Secretary of Defense, training system planners, unit commanders in the military Services, and the Joint Chiefs of Staff along with the Unified Commands. Significant potential exists for assistance to offices dealing with Congressional inquiries, environmental issues, base closures, use of non-DoD federal lands, state and municipal agencies, and the Federal Aviation Administration.

INTRODUCTION

Nature of Problem

The findings of the Department of Defense Science Board summer study of 1982 on training and training technology referred to encroachment, restrictions on expansion, priority conflicts, and equipment limitations of ranges (air, land, and sea). The Secretary of Defense, in a Memorandum for the Secretaries of the Military Departments¹ indicated that each Service should review range requirements and budget funds to upgrade range capabilities.

In 1984, the Defense Training and Performance Data Center (TPDC) (originally called the Defense Training Data and Analysis Center - TDAC) surveyed the DoD training community for issues to be addressed by the newly formed organization. The Initial Tasking Summary² included within the results of this survey, the need for automated data files on training installations and ranges.

Discussions with various Service headquarters and major commands indicated the lack of a centralized, up-to-date data base on the inventory and capabilities of weapons training ranges and training areas. Although the Services had undertaken automation of data for their own training ranges and areas, the data bases varied greatly in data collected and the degree of sophistication. The currency of the data also had a wide variance. The lack of a centralized data base with common terms of reference disallowed a cross-Service approach to determination of training asset deficiencies and alternatives for resolution. The lack of such a data base also hindered reserve unit training personnel in locating suitable training ranges for individual duty training.

Background

There is an acute awareness within the Services and the Offices of the Secretary of Defense (OSD) that military training ranges, lands, and airspace are resources which require careful management. Legal, regulatory, and other constraints have begun to reduce land available for

¹ Secretary of Defense Memorandum, Subject: Defense Science Board (DSB) Summer Study of Training and Training Technology, 25 February 1983.

² TDAC Initial Tasking Summary (Fiscal Years 85-90), September 1985.

training and restrict the manner in which it is used. The Services' ability to train as they will fight is further impaired because training ranges and joint exercise areas are either unsuitable, unavailable, or inadequate. These training resource deficiencies impact upon Active Components and especially Reserve Components, which comprise more than fifty percent of the military's total force capability.³

Through a broad range of circumstances some of the best training areas are being encroached upon or their continued use challenged. The progressive degradation, and restricted use of these dwindling training ranges and areas is further exacerbated by the growing number of new weapons systems entering the military forces. The increased mobility on the battlefield, and with it changes in tactical doctrine, has generated increasing requirements for existing training facilities, more training lands, and additional training airspace.⁴

Need

Currently, the Department of Defense does not have a single-source management tool which can provide information on Service training space resources. By combining military multiple data sources into a central repository, the Services, Joint Chiefs of Staff, and Offices of the Secretary of Defense would be able to:

- identify global training area resources;
- elevate training area management issues to the proper level for resolution;
- determine total training area requirements needed to meet the mission essential training requirements;
- present a more cohesive and in-depth response to potential restrictions or erosion of training area use generated by agencies outside the Department of Defense;
- identify and support future training area requirements.

³ Preliminary Report on the Military's Ranges and Training Areas Data Bases, Training and Performance Data Center, May 1987, p.1.

⁴ Ibid.

Concept

TPDC acts as the central repository of data on training and training performance data. The data are acquired from the individual Services and various Offices of the Secretary of Defense. The concept of TPDC providing a central repository of training space resource data and acting on behalf of the Department of Defense as a clearing house for training space issues is portrayed in Figure 1. This centralized data base would provide an information system for the Services, OSD, and other federal and state agencies. The information system would also provide an additional tool to service Congressional requests for information associated with budgets requests, base closure analyses, and weapons systems acquisition.

Objectives

Upon full implementation, the Defense Installations, Ranges, and Training Areas (DIRT) information system would provide, from a central data base, information concerning inventory and capabilities of:

- land, air, and maritime warfare weapons ranges;
- land warfare unit training areas and facilities;
- air warfare training areas;
- maritime exercise and maneuver areas.

The information system would also link to additional data files concerning:

- installation and airspace use encroachments;
- unit training requirements for ranges, training areas, and facilities;
- range and training area standards and configurations;
- various topography and geographical information system (GIS) data bases;
- active and reserve component units, weapon systems, training equipment, and military occupational specialties.

A functional diagram of the DIRT Information System is portrayed in Figure 2.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS DATA BASE

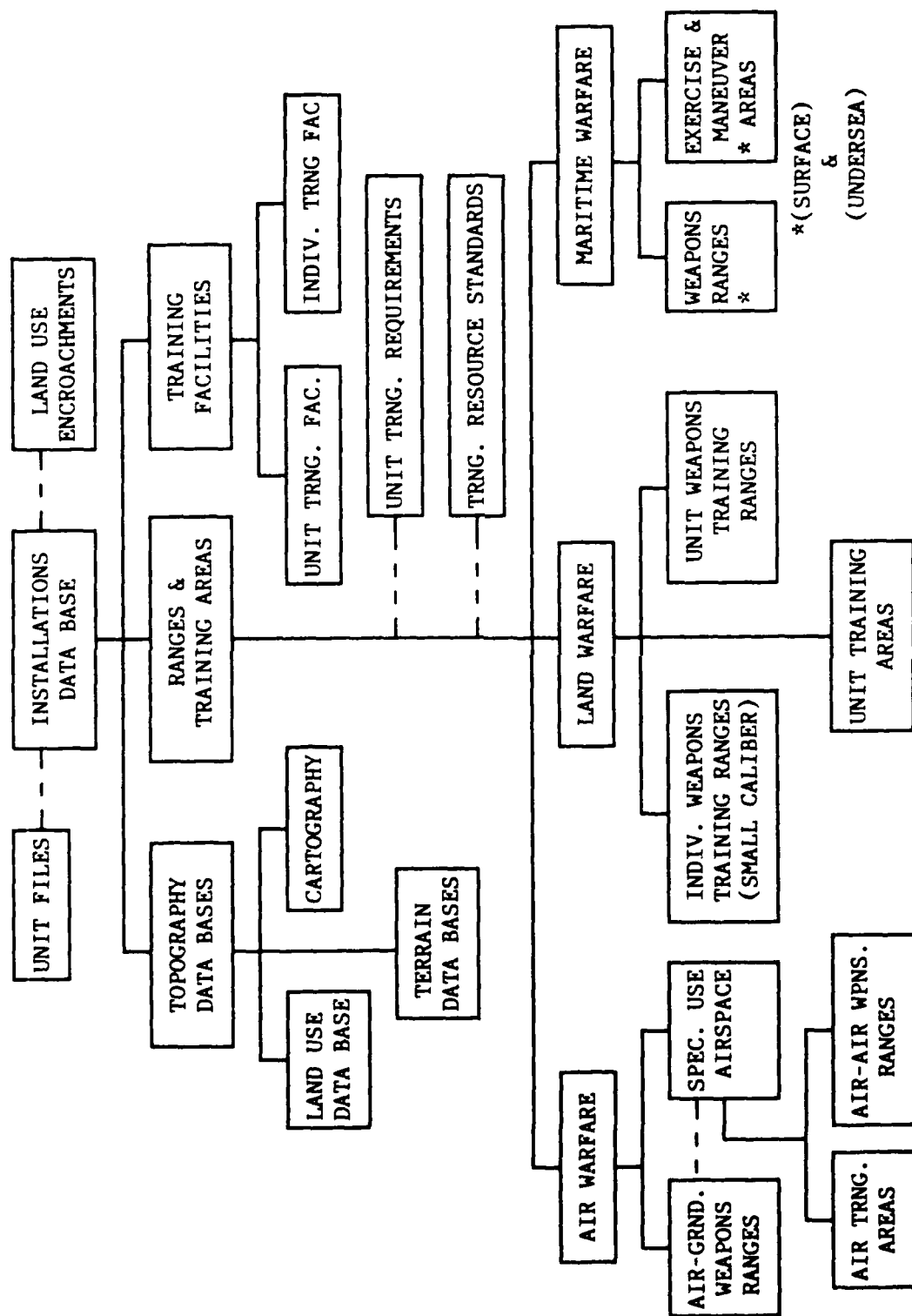


Figure 2. Defense Installations, Ranges, and Training Areas (DIRT) Information System

Accomplishments

The Land Warfare module of the Defense Installations, Ranges and Training Areas (DIRT) Information System became operational in April 1989. Conversion to operations on a mainframe computer system and incorporation of an improved data structure is complete. Revised data reports are available to TPDC clients on a periodic or as required basis. Data files and their associated data elements are described in detail in Appendix A. A description of currently available standardized reports and selected samples of these reports is contained in Appendix B.

The DIRT data base is capable of linking with a number of other data bases in the TPDC "corporate" data files. These include:

- the Unit data base, which has access to considerable military unit data through its Unit Identification Code (UIC) structure;

- the Training Equipment (devices & simulators) and the Operational Equipment (military operational equipment used for training) data bases.

The Installations file and the Land Warfare module currently contain data on:

- 6561 Installations
 - 5852 U.S. & Puerto Rico
 - 709 Non-U.S.
- 1633 Installations with ranges
- 4037 Ranges (firing/non-firing)
 - 2830 Active & limited use
 - 1207 Inactive, deactivated, under construction or planned
- 184 Artillery, mortar & observation points
- 44 Installations with training areas
- 604 Training areas
 - 13 Installations with training facilities
- 105 Training facilities

The DIRT Information System acts as a baseline data source for development of the U.S. Marine Corps Land and Training Area Requirements (LATAR) Management Information System. U.S. Marine Corps installations, ranges, unit training areas, unit training facilities, air-to-ground weapons ranges, air-to-air weapons ranges, and air warfare training areas will be extracted from DIRT files for inclusion in the LATAR system. This system, being designed and developed for the Marine Corps Combat Development Command, Quantico, Virginia, will also use extracts from the Unit Training Requirements, Training Resource Standards, Air Warfare, and Maritime Warfare modules to provide Marine Corps headquarters planners a management information system for training resources.

The DIRT Information System also acts as a baseline data source for the development of a U.S. Marine Corps Land and Airspace Encroachments data base. This data base is in support of Headquarters, U.S. Marine Corps, Facilities and Services Division.

The DIRT Information System supports U.S. Army weapons training range information requirements for the Directorate of Army Ranges and Targets (DART), Army Training Support Center, Fort Eustis, Virginia. The information system has supported numerous requests for information from planners/users such as Headquarters, Forces Command, Army National Guard training sites and commands, and Headquarters and major commands of the U.S. Coast Guard. The information system will provide periodic reports to meet the needs of the U.S. Air Force Office of Security Police, Kirtland Air Force Base, New Mexico.

TPDC developed, in support of the U.S. Air Force Tactical Air Command (TAC), a Range Utilization Reporting System (RURS). This system, which captures utilization of all TAC air warfare ranges, will form a baseline for development of the Air Warfare module of the DIRT Information System.

Development of the DIRT Information System's Topography Data Bases module will be assisted by the effort conducted by the University of Central Florida's (UCF) Department of Industrial Engineering and Management Systems. A Report on the State of the Art of Geographic Data Processing⁵ described the state of the art in

⁵ A Report on the State of the Art of Geographic Data Processing,
(draft), October 1988, University of Central Florida,
Department of Industrial Engineering and Management Systems

terms of geographic information systems (GIS). This study will provide a baseline for considerations in development of various topography data bases associated with installations, ranges, and training areas in the land, air, and maritime modules of the DIRT Information System.

APPROACH

The TPDC Initial Tasking Summary of September 1985⁶ and discussions with various Service staffs and Offices of the Secretary of Defense documented the need for development of a data base concerning inventory and capabilities of weapons ranges.

At the request of the Deputy Assistant Secretary of Defense, Reserve Affairs (Guard/Reserve Readiness and Training), an installations and ranges data base architecture was developed. Based on problems with locating suitable sites for Reserve Component training in small caliber weapons within the New England states, it was determined that the initial data structure would concentrate on small caliber weapons ranges in the New York and New England states.

The success of the initial product of the data base⁷ and further discussions with various headquarters planners and unit training officers indicated that the geographic area of data collection should be expanded to cover the Eastern United States and eventually to cover the entire United States. Additional data elements were added to the installations and ranges architecture to provide more detailed information on each range.

In November 1985, TPDC agreed to assist the National Guard Bureau (NGB-ARO-M) in maintaining installation and range data for Army National Guard facilities and training sites. A number of data elements were added to the data base to satisfy Army National Guard information needs. A format was developed at this time for the Weapon Training Facilities Report, a sample of which is shown at Appendix B-2.

In March 1986, TPDC agreed to assist the Directorate of Army Ranges and Targets (DART), Army Training Support Center, Fort Eustis, Virginia in the collection of data and data entry to support the Army's Range Facility Management Support System (RFMSS), then planned to be a part of the Army Ranges and Targets Management Information System (ARTMIS). This expansion of the data base included all Army active component installations under the cognizance of the Training and Doctrine Command (TRADOC) and Army Forces

⁶ TDAC Initial Tasking Summary, September 1985, p32.

⁷ Training Resources: Small Caliber Ranges in New York and New England, March 1986, Report TDAC 86-002.

Command (FORSCOM). At this point it was decided that all weapons ranges would be included within the ranges data base rather than limiting it to only small caliber weapons ranges.

In October 1988, development of files to store data concerning land warfare unit training areas and unit training facilities was commenced. In January 1989, data collection was begun for this portion of the Land Warfare module. These files were operational for data entry in April 1989.

In December 1988, development of a file to store data concerning training resource standards was begun. This module will use data derived from a draft U.S. Marine Corps Order on range and training area standards as baseline data. A prototype version of this module was placed in use for data entry in February 1989.

In February 1989, development of a file to store data concerning unit training requirements was begun. This module will use data derived from U.S. Marine Corps Orders on individual training standards for various occupational fields as baseline data.

Initial data collection, as well as clarification and verification of previously collected data for the Land Warfare data module continued through the end of fiscal year 1989.

Development of the Air Warfare and Maritime Warfare modules of the DIRT Information System will follow the same approach as described for the Land Warfare module of the system.

DESCRIPTION

Development

The development of the fielded modules of the Defense Installations, Ranges, and Training Areas Information System was based on an iterative process. This process, known in the information systems community as "rapid prototyping," coupled with an off-the-shelf data base management system and a fourth-generation applications language (4GL) allowed development of the system to proceed with an architecture generic enough to sustain user-generated change over the life cycle while being responsive to problems and changes as they occurred.

The system has been developed using the FOCUS data base management system (dbms) and fourth generation language developed by Information Builders, Inc. The FOCUS data base management system uses a hierarchical data structure for individual files which may then be joined to other files in a relational manner. The use of a fourth generation language for development of data entry screens and report generators greatly reduced the total amount of written computer code required for individual computer programs. Commonality of the data structure with other TPDC data bases allows for a synergistic effect to information related to the training community. This use of common data base structures also allows adaptation of the data bases to new uses as the need arises.

The selection of the FOCUS 4GL and dbms allowed for portability of the system across personal microcomputer systems as well as mid-range and mainframe computers systems with minimal changes in computer code or syntax. This portability also allows use of a number of different brand computer systems (e.g., IBM, ComPaq, Zenith, etc.).

The initial prototypes were developed for use on an IBM (or IBM-compatible) microcomputer. Subsequently, the volume and range of data to be entered necessitated conversion to a multiuser system using a local area network (LAN). While conversion to a LAN-based multiuser system resolved the problem of data entry locations, the file structure and computer programs were still constrained by the requirements imposed by the microcomputer operating system (PC-DOS or MS-DOS). A decision was made to convert all files for the FOCUS Simultaneous User mainframe system using an IBM 4381 mainframe computer. This change allows the file to be updated or modified from multiple terminal stations. The computer programs, no longer constrained by the 640 Kbyte random access memory limitation of the microcomputer version, were able to be enhanced for greater efficiency and productivity. Additional data checks were

able to be built into the programs, reducing data entry errors and allowing on-line data verification during entry.

This conversion to mainframe use and storage also allows direct linkage with other TPDC data files stored on that machine. This commonality of storage format, front-end processing, and a common data dictionary allows for data combinations and sorting of data sets not previously available within the training community.

Structure

The structure of the Installations file is depicted in Figure 3. Groups of related fields are called "segments" in FOCUS. These segments are linked to other related segments. The collection of related segments constitutes a file. In FOCUS, you can have a descendent segment that has a one-to-one relationship with its parent segment. In this segment you may have only one instance of this segment for each instance of the parent segment. These segments are known as "unique" segments and are treated as logical extensions of the parent segment. Other segments may have multiple instances of the segment for each instance of the parent segment.

The Installations file is composed of 14 segments, six of which are unique segments. Segments may be "joined" relationally to data elements in other files by the use of indexed data fields. The "join" enables reporting from two or more related files within a single request. The joined files remain physically separate, but FOCUS treats them as one structured data base for an individual reporting session. Cross-references may also be established between files on a permanent or semipermanent basis. These are known as static and dynamic cross-references and are used when there is information in two files that are integrally related and often used together.

Figure 3 shows three files (Airport, Branch, and Echelon) that are used as static cross-references. One of these three files (Airport) is statically cross-referenced to two individual segments. These particular cross-referenced files provide "lookup" of additional data or decoding or certain data for reporting purposes. The cross-referenced files contain data that is seldom changed. This method of storing data in separate files also saves space in the main file, since lengthy, non-changing data does not have to be repeated in the main file for each record instance.

The key (top) field of the Installation file is a five-digit integer field which contains an identification number. This identification number is assigned by the TPDC

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INSTALL
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*INSTALL 10 11
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Figure 3

file manager to each installation record in the file. This identification number is used as the "linking" data element for cross-referencing to other files in the DIRT data base as well as to the Unit data base. Further detail concerning this data element will be presented in subsequent paragraphs.

The Land Warfare module of the DIRT information system contains three major files: the Range file, the Unit Training Area file, and the Unit Training Facilities file. The structure of these three files is depicted in Figures 4, 5, and 6 respectively. The Range file is composed of 14 segments, three of which are unique segments. Five files (Range Use, Weapon, Ammo, Branch, and Echelon) are used as static cross-references. As with the Installations file, these files are used for decoding of certain data for reporting purposes. The file also is statically cross-referenced to the Installations file in order to retrieve selected data elements from that file, e.g., installation name, location, etc. The Unit Training Area file and the Unit Training Facilities file operates in a similar manner with 14 segments (3 unique) and 10 segments (3 unique) respectively. The Unit Training Area file is statically cross-referenced to the Training Use, Branch, Echelon, and Installations files. The Unit Training Facilities file is statically cross-referenced to the Training Use, and Installations files. For a description of each of these files and their associated data elements, see Appendix A.

Content

The Installations file contains data on installations owned or used by all the military services including the U.S. Coast Guard. Both active and reserve component installations are maintained in the file. The data maintained in the Installations file is data pertaining to the installation as an entity. Examples of such data include:

- installation name and location data;
- transportation data;
- support facilities data;
- points of contact data;
- training suitability data.

The Land Warfare Ranges file contains data on all land warfare weapons training ranges owned or used by the military forces. All weapons training ranges will be associated with an installation. Ranges may or may not allow the maneuvering of personnel or vehicles on the range. The data maintained in the Ranges file is data pertaining to the individual range. Designated or

Category	On	Off	Total
1. General	100	100	200
2. Special	100	100	200
3. Other	100	100	200
4. Total	300	300	600

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DATE
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PLACE

NAME
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TRIAL

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DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	REMARKS
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pre-surveyed artillery gun positions and mortar positions as well as observation points supporting field artillery or mortar firing are also contained in the Range file. Examples of such data include:

- range name and status;
- firing points;
- primary and alternate uses;
- weapons and ammunition authorized;
- supporting facilities and structures;
- terrain and access data;
- training suitability data;
- military construction data;
- targets, simulators, and devices data;
- any restrictions, conflicts, or general comments.

The Unit Training Areas and Unit Training Facilities files are handled in a similar fashion. All training areas and facilities are associated with the installation on which they are located.

Appendix A contains more detailed information on the data elements available in each of these files. Appendix A also contains information on data elements contained in the lookup or cross-referenced files.

Typical Applications

Upon full implementation, the Defense Installations, Ranges, and Training Areas Information System will be capable of providing an inventory of military weapons training ranges, training and maneuver/exercise areas, and training facilities along with their uses, capabilities, and restrictions. The data base will be capable of linking to files concerning unit training requirements, range and training area standards, individual units, weapons systems, occupational training requirements, and training equipment.

The fielded module, Land Warfare, provides an inventory of military weapons training ranges, unit training areas, and unit training facilities along with their uses, capabilities, and restrictions. Provisions are available within the module for future linking to files concerning unit training requirements, range and training area standards, individual units, weapons systems, occupational training requirements, and training equipment.

In addition to reports on individual installation weapon training facilities and regional small caliber training ranges, as depicted in Appendix B, the data base has been used to locate ranges which are capable of certain tasks such as tank gun firing, artillery ranges for individual calibers, military operations in urban terrain,

etc. These data searches can be conducted globally, by geographic region, or by a radial distance from an individual unit location.

The matching of unit training requirements to the inventory and capabilities of training ranges, training areas, and training facilities can provide information on resource shortfalls by geographic region. The matching of training resource standards to the actual inventory can provide information concerning necessary improvements to the ranges and training areas. This inventory and capability data coupled with unit mission and weapons system data can provide information useful in conjunction with base closures or unit relocations.

Reports provided to various users of this data, during the development phase of this project, are listed in Appendix B-4. The Defense Installations, Ranges, and Training Areas Information System is an integral part of the overall TPDC corporate data architecture which support military training. The common data structure and linking data elements provide a capability for data aggregation and alternate viewing not previously available in the Defense training community.

TEST AND EVALUATION

Hardware

The Installations and Land Warfare modules of the DIRT data base were initially developed on an IBM-compatible personal microcomputer using the DOS operating system. As discussed earlier, the volume and range of data to be entered necessitated conversion to a multiuser system using a local area network (LAN). The network utilized IBM's Token-Ring network topology, connecting four IBM-compatible microcomputers to a dedicated AT-class file server and a dedicated AT-class data base machine. The file server provides for data base storage while the data base machine functions as an input/output (I/O) machine, locating, retrieving, and modifying records in the data bases it manages. IBM Token-Ring Network Adapters were installed in all associated microcomputers to support the network. An IBM 8228 Multistation Access Unit and coaxial cables were used for interconnection of all units.

While conversion to a LAN-based multiuser system resolved the problem of data entry locations, the file structure and computer programs were still constrained by the requirements imposed by the microcomputer operating system (PC-DOS or MS-DOS). A decision was made to convert all files for the FOCUS Simultaneous User mainframe system using an IBM 4381 mainframe computer. The mainframe computer is located at the Naval Data Automation Facility (NAVDAF) in Orlando, Florida. Access to the mainframe computer is via a gateway using a IBM 9377 mid-range computer located within the TPDC facility. This change allowed the file to be updated or modified from multiple terminal stations. The computers previously used on the LAN were connected to the gateway computer using IRMA2 (Digital Communications Associates, Inc.) coaxial connection boards which emulate the functions and features of a 3279 terminal. Other computers connected to the TPDC gateway may also be utilized to access the data base.

Software

The Installations and Land Warfare modules of the data base were developed using PC FOCUS (Information Builders, Inc.) dbms and 4GL applications language. FOCUS is an information control system with comprehensive features for entering, maintaining, retrieving, and analyzing data. It is designed for use by people with no formal training in data processing as well as data processing professionals who need powerful tools for developing complete applications. The use of such a non-procedural language significantly reduced the need for the development of large amounts of computer code and the associated professional

programmers required to develop and maintain that code. The English language syntax allowed personnel with limited training in the language to develop portions of the database and to receive reports using the data entered into the data base.

The local area network version of the system utilized PC FOCUS Multiuser software, allowing multiple users (stations) to access and modify the data base simultaneously. The Token-Ring local area network operated using IBM's Local Area Network Support Program. The Support Program provides a program interface to support network applications using the network adapters installed in the microcomputers.

The conversion to mainframe use was accomplished by conversion of all applications programs to use FOCUS Simultaneous Users applications software. This package is a mainframe-based software package which allows multiple access and modifications to the data base. It is a mainframe equivalent to the PC FOCUS Multiuser package. This conversion resolved problems brought about by the limited random access memory (RAM) of DOS-based operating systems. A vastly improved set of MODIFY screens were able to be developed using the mainframe system, increasing data entry and validation productivity.

A number of the formal data reports, such as the Weapon Training Facilities Report and the Small Caliber Report (See Appendix B) use the "C" language in order to format the report. These report generator programs use FOCUS' 4GL applications language to extract the data from the dbms and the C language to format the report as required by the user. Simpler report formats may use the report generator capabilities of the FOCUS 4GL.

Testing Criteria

System testing consisted of:

- tests of the overall data architecture to ensure proper relationships existed between data elements;
- tests of the hierarchical and relational structure of the data base files to ensure proper relationships of the data within each file and between related files;
- tests of the data entry/modify programs to ensure data values are accepted, validated, and stored properly;
- tests and design reviews of system I/O efficiency through the use of page size optimization calculations;

- tests of all indexed and cross-referenced data fields for proper relational integrity;
- tests of the report generator programs to ensure that proper data are retrieved and formatted as required;
- quality assurance testing of the data to ensure it was correct, in proper form for retrieval, and met the standards as established in the data dictionary.

Test Results

Each file was tested in accordance with the previously described criteria. These tests were successfully completed. The data are continuously reviewed by various subject matter experts to ensure correctness and readability to the user population.

Summary of Findings

The data elements of the DIRT data base are designed to support the OSD and Services' need for data relating to installations, ranges and training areas in support of planning for the training of military personnel. During the data collection phase of this system development, it was found that centralized sources of the data do not appear to exist. Data that did exist in electronic format had varying data formats and media. Portions of the data were out of date, requiring an update to the data prior to entry into the data base. Much of the data was acquired by visits to the individual training installations and sight-surveyed. Some data, particularly that relating to Reserve Centers, required clarification and amplification. These were acquired by telephone calls to facility managers and site supervisors. It was also found that the data concerning weapons training ranges was subject to considerable change. The status, use, and configuration of weapons training ranges undergoes considerable change over a relatively short period of time. The Services, especially the Army and the Marine Corps, are undertaking significant upgrading and revisions to these ranges. The volatility of the data due to these changes necessitates a periodic refreshment of the data for those installations. The rate of refreshment of the data for a particular installation is related not only to the degree of change anticipated but also to the cost of recollecting the data. The interval for such recollection of data depends on the rate of change in the data expected for that installation and the resources available to determine the changes. This interval has not been fully determined, but an interval of 18 to 24 months appears to be cost-effective.

STATUS, CONCLUSIONS, AND RECOMMENDATIONS

Status

As of September 1989, the development of the Land Warfare module of the DIRT Information System is complete and the module is operational. Initial collection of data for land warfare weapons training ranges is complete. Collection of data for unit training areas and unit training facilities has commenced. Transition of the Land Warfare module of the data base to an operational maintenance status is complete.

Update

The Installations file and the Land Warfare module of the DIRT data base is currently updated as data is received. As discussed earlier, a periodic update cycle has not been specifically established. However, an update cycle of 18 to 24 months appears cost effective, assuming resources are available to accomplish it.

Expansion

The DIRT Information System has evolved to its present configuration through lessons learned during the prototype and development phases of the project and through comments and data requests by the OSD and Service users of the information. Planned expansion of the data base include modules for:

- Air warfare air-to-ground weapons training ranges;
- Air warfare air-to-air weapons ranges;
- Air warfare training areas;
- Special use airspace and airspace for special uses;
- Maritime warfare weapons training ranges;
- Maritime warfare exercise and maneuver areas for both surface and undersea units
- Supporting geographic information systems for all modules of the data base.

Lessons Learned

The initial development of the Land Warfare module of the data base began with the collection and storage of data relating to small caliber weapons ranges. Based on a request from the Deputy Assistant Secretary of Defense, Reserve Affairs (Guard/Reserve Manpower and Personnel), the data collection was begun in the New England States. Data elements within the data base only contained those necessary to describe the inventory and capabilities of small caliber ranges. The information provided to the OSD, based on this initial start, provided impetus for expansion of the data collection on a geographic basis and for expansion of data elements to handle all weapons training ranges. The use of an off-the-shelf fourth-generation language greatly assisted this changing environment by allowing rapid changes in the data base structure without significant change to the existing data content.

Benefits

A major objective for development of this system is to assist in maximization of the utilization of DoD ranges and training areas. Benefits derived from development of this system include:

- promotion of a wider knowledge of available range and training area assets for use by the Reserve Components;
- provision of a quantitative base of information for ranges and training area planners;
- facilitation of the development of scheduling and utilization data;
- assisting OSD and the Services in defending budget requests for upgrade and modernization of ranges and training areas.

The promotion of a wider knowledge of available range and training area assets is being met by distribution of the Individual Weapons Training Ranges Directories to a wide list of addresses. Approximately 2000 of these directories have been distributed to date. Installation and Range Facilities reports have also been distributed to a number of users at their request.

As an example of use of the system for training planners, the data contained in the Land Warfare module of the data base was used to assist the Commander, U.S. Army Forces Command in a decision not to require non-maneuver armor gunnery training to be conducted during Individual Duty Training, thus avoiding a policy which could have

increased support costs and productivity of some Reserve Component armor units training throughout the United States.

Although still under development for use by the U.S. Marine Corps Combat Development Command, the data base extract that will be used for the Marine Corps Land and Training Areas Requirements (LATAR) Management Information System is intended to be used by that Service to develop range and training areas requirements and subsequent budgets plans for modernization.

Conclusions

The Land Warfare module of the Defense Installations, Ranges, and Training Areas Information System is operational. The initial data collection for weapons training ranges in the continental United States, Hawaii, and Puerto Rico has been completed. Data collection for unit training areas and unit training facilities has commenced. The information system is capable of providing a significant amount of data concerning weapons training ranges. The data base is the only known source of consolidated data for land warfare training ranges used by the U.S. military forces. The DIRT data base is an integral component of the TPDC corporate data structure. It has the capability to link with other TPDC corporate data bases and files.

The Information System is a source of integrated management and planning information to assist OSD and the Services in developing adequate training plans, determining training space shortfalls, determining impact of changes in base structure, and providing empirical data as backup for budget requests.

Recommendations

It is recommended that the Defense Installations, Ranges, and Training Areas Information System be designated by the OSD as the consolidated source of data on military weapons training ranges and unit training areas.

The fielded Land Warfare module of the DIRT data base provides a significant portion of the overall information system. It is recommended that the Air Warfare and Maritime Warfare modules of the data base be developed and placed in operational status. These additional modules should be developed incrementally. The Air Warfare module of the data base appears to have the greatest amount of support and utility for the next incremental portion of development.

The military Services have a significant number of changes planned for their weapons training ranges and unit training areas. These upgrades and changes are a result of changing tactics and the introduction of new weapons systems. In order for the information system to maintain its utility as a source of planning data for training resources, it is essential that the data be maintained in a current state. It is recommended that the data be updated and maintained as determined to be economically cost-effective.

It is recommended that the OSD and Service headquarters give wide dissemination to the availability of such information in order that the maximum possible number of users benefit from it.

It is recommended that the data element sets maintained within the data base be periodically reviewed for possible incorporation of additional data sets and for elimination of data no longer required to be maintained in this consolidated manner.

Appendix A

Data Dictionary

Data File Definitions	A-1-1
Data Element Names	A-2-1
Data Element Descriptions	A-3-1
Master File Descriptions	A-4-1

DATA FILE DEFINITIONS

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA FILE DEFINITIONS

DATA FILE: DF0006 AIRPORT

CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 8
TOTAL RECORD LENGTH: 170 CHARACTERS
FORMAT: FOCUS

DATA FILE DEFINITION

AIRPORT IS ONE OF SEVERAL FILES WHICH SUPPLEMENT THE INSTALLATIONS AND THE LAND WARFARE DATA BASES. IT IS USED AS A "LOOKUP" FILE IN A CROSS-REFERENCE OR JOIN FUNCTION. AIRPORT CONTAINS THE FAA LOCATION IDENTIFIER CODE LOOKUP TO THE AIRPORT NAME. IT ALSO CONTAINS DATA ON LARGEST TRANSPORT AIRCRAFT CAPABILITY AND LONGEST RUNWAY LENGTH AND ITS WIDTH.

DATA FILE: DF0007 AMMO

CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 2
TOTAL RECORD LENGTH: 33 CHARACTERS
FORMAT: FOCUS

DATA FILE DEFINITION

AMMO IS ONE OF SEVERAL FILES WHICH SUPPLEMENT THE INSTALLATIONS AND THE LAND WARFARE DATA BASES. IT IS USED AS A "LOOKUP" FILE IN A CROSS-REFERENCE OR JOIN FUNCTION. AMMO CONTAINS THE AMMUNITION CODE LOOKUP TO THE AMMUNITION DESCRIPTION.

DATA FILE: DF0008 BRANCH

CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 2
TOTAL RECORD LENGTH: 37 CHARACTERS
FORMAT: FOCUS

DATA FILE DEFINITION

BRANCH IS ONE OF SEVERAL FILES WHICH SUPPLEMENT THE INSTALLATIONS AND THE LAND WARFARE DATA BASES. IT IS USED AS A "LOOKUP" FILE IN A CROSS-REFERENCE OR JOIN FUNCTION. BRANCH CONTAINS THE TYPE UNIT CODE LOOKUP TO THE BRANCH NAME (TYPE UNIT).

+-----+
DATA FILE: DF0009 COUNTRY
+-----+

CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 3
TOTAL RECORD LENGTH: 49 CHARACTERS
FORMAT: FOCUS

+-----+ DATA FILE DEFINITION |-----+

COUNTRY IS ONE OF SEVERAL FILES WHICH SUPPLEMENT THE INSTALLATIONS AND THE LAND WARFARE DATA BASES. IT IS USED AS A "LOOKUP" FILE IN A CROSS-REFERENCE OR JOIN FUNCTION. COUNTRY CONTAINS THE COUNTRY CODE LOOKUP TO THE COUNTRY NAME.

+-----+
DATA FILE: DF0010 ECHELON
+-----+

CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 2
TOTAL RECORD LENGTH: 16 CHARACTERS
FORMAT: FOCUS

+-----+ DATA FILE DEFINITION |-----+

ECHELON IS ONE OF SEVERAL FILES WHICH SUPPLEMENT THE INSTALLATIONS AND THE LAND WARFARE DATA BASES. IT IS USED AS A "LOOKUP" FILE IN A CROSS-REFERENCE OR JOIN FUNCTION. ECHELON CONTAINS THE ECHELON CODE LOOKUP TO THE ECHELON (UNIT SIZE) NAME.

+-----+
DATA FILE: DF0011 INSTALLATIONS
+-----+

CLASSIFICATION: FOR OFFICIAL USE ONLY
NUMBER OF DATA ELEMENTS: 131
TOTAL RECORD LENGTH: 1917 CHARACTERS
FORMAT: FOCUS

+-----+ DATA FILE DEFINITION |-----+

THE DATA FILE PROVIDES DESCRIPTIVE INFORMATION ON INSTALLATIONS OWNED OR USED BY THE MILITARY FORCES AND PROVIDES COMMON INSTALLATION DATA IN SUPPORT OF THE LAND WARFARE DATA BASE. THE AMOUNT OF DATA CAPTURED FOR INDIVIDUAL INSTALLATIONS IS VARIABLE. THE DATA DESCRIBES INSTALLATIONS GEOGRAPHICALLY AND BY MAJOR USER/OWNER, COMPONENT, CONGRESSIONAL DISTRICT, AND STATE. THE FILE ALSO CONTAINS POINT OF CONTACT INFORMATION FOR RANGES AND TRAINING AREAS, MANEUVER AREA DESCRIPTIONS, AND DATA CONCERNING SUITABILITY FOR VARIOUS TYPES AND SIZES OF UNITS USING THE MANEUVER OR TRAINING AREAS.

+-----+
DATA FILE: DF0012 LAND WARFARE RANGES
-----+

CLASSIFICATION: FOR OFFICIAL USE ONLY
NUMBER OF DATA ELEMENTS: 145
TOTAL RECORD LENGTH: 1714 CHARACTERS
FORMAT: FOCUS

+-----+ DATA FILE DEFINITION |-----+

THIS DATA FILE PROVIDES DATA CONCERNING INVENTORY AND CAPABILITIES OF LAND WARFARE WEAPONS TRAINING RANGES INCLUDING FIRE AND MANEUVER AREAS. THE AMOUNT OF DATA CAPTURED FOR INDIVIDUAL RANGES IS VARIABLE. THE DATA CAN BE USED TO IDENTIFY RANGES BY INSTALLATION, CATEGORY OF USE, AND WEAPONS AUTHORIZED. IT CAN ALSO BE USED TO DETERMINE THE NEAREST RANGE WITH A REQUIRED TRAINING CAPABILITY AND THE CAPACITY OF EACH RANGE. THIS INFORMATION WILL BE OF VALUE IN ASSESSING THE IMPACT OF CLOSING AN INSTALLATION AND IN MOBILIZATION PLANNING.

+-----+
DATA FILE: DF0013 RANGE USES
-----+

CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 3
TOTAL RECORD LENGTH: 69 CHARACTERS
FORMAT: FOCUS

+-----+ DATA FILE DEFINITION |-----+

RANGE USE IS ONE OF SEVERAL FILES WHICH SUPPLEMENT THE INSTALLATIONS AND THE LAND WARFARE DATA BASE. IT IS USED AS A "LOOKUP" FILE IN A CROSS-REFERENCE OR JOIN FUNCTION. RANGE USE CONTAINS THE RANGE USE CODE LOOKUP TO THE RANGE USE DESCRIPTION.

+-----+
DATA FILE: DF0014 REGION
-----+

CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 3
TOTAL RECORD LENGTH: 39 CHARACTERS
FORMAT: FOCUS

+-----+ DATA FILE DEFINITION |-----+

REGION IS ONE OF SEVERAL FILES WHICH SUPPLEMENT THE INSTALLATIONS AND THE LAND WARFARE DATA BASES. IT IS USED AS A "LOOKUP" FILE IN A CROSS-REFERENCE OR JOIN FUNCTION. REGION CONTAINS THE REGION CODE LOOKUP TO THE REGION NAME. REGION IS DEFINED AS AN INTERNATIONALLY RECOGNIZED LAND ENTITY THAT IS A GEOGRAPHICALLY SEPARATED PART OF A COUNTRY, OR TWO OR MORE CONTIGUOUS FIRST ORDER DIVISIONS OF A COUNTRY, INCLUDING DISPUTED ISLANDS.

+-----+
DATA FILE: DF0015 STATES

-----+
CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 2
TOTAL RECORD LENGTH: 22 CHARACTERS
FORMAT: FOCUS

+-----+-----| DATA FILE DEFINITION |-----+

STATES IS ONE OF SEVERAL FILES WHICH SUPPLEMENT THE INSTALLATIONS AND THE LAND WARFARE DATA BASES. IT IS USED AS A "LOOKUP" FILE IN A CROSS-REFERENCE OR JOIN FUNCTION. STATES CONTAINS THE STATE OR PROVINCE ABBREVIATION LOOKUP TO THE STATE/PROVINCE NAME.

+-----+
DATA FILE: DF0016 UNIT TRAINING AREAS

-----+
CLASSIFICATION: FOR OFFICIAL USE ONLY
NUMBER OF DATA ELEMENTS: 103
TOTAL RECORD LENGTH: 1216 CHARACTERS
FORMAT: FOCUS

+-----+-----| DATA FILE DEFINITION |-----+

UNIT TRAINING AREA IS A MAJOR DATA FILE WHICH SUPPLEMENTS THE INSTALLATIONS AND THE LAND WARFARE RANGES DATA BASES. THE UNIT TRAINING AREA FILE CONTAINS DATA CONCERNING MILITARY TRAINING AREAS WHICH ARE NOT CLASSIFIED AS WEAPONS TRAINING RANGES.

+-----+
DATA FILE: DF0017 TRAINING USE

-----+
CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 2
TOTAL RECORD LENGTH: 63 CHARACTERS
FORMAT: FOCUS

+-----+-----| DATA FILE DEFINITION |-----+

TRAINING USE IS ONE OF SEVERAL FILES WHICH SUPPLEMENT THE INSTALLATIONS AND LAND WARFARE RANGES DATA BASES. IT IS USED AS A "LOOK-UP" FILE IN A CROSS REFERENCE OR JOIN FUNCTION. TRAINING USE CONTAINS THE TRAINING AREA USE CODES AND TRAINING FACILITY USE CODES LOOKUP TO THE TRAINING USE DESCRIPTIONS.

DATA FILE: DF0018 WEAPONS

CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 2
TOTAL RECORD LENGTH: 33 CHARACTERS
FORMAT: FOCUS

DATA FILE DEFINITION

WEAPONS IS ONE OF SEVERAL FILES WHICH SUPPLEMENT THE INSTALLATIONS AND THE LAND WARFARE DATA BASES. IT IS USED AS A "LOOKUP" FILE IN A CROSS-REFERENCE OR JOIN FUNCTION. WEAPONS CONTAINS THE WEAPONS CODE LOOKUP TO THE WEAPONS DESCRIPTION.

DATA FILE: DF0139 UNIT TRAINING FACILITIES

CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 85
TOTAL RECORD LENGTH: 1018 CHARACTERS
FORMAT: FOCUS

DATA FILE DEFINITION

UNIT TRAINING FACILITIES IS A MAJOR DATA FILE WHICH SUPPLEMENTS THE INSTALLATIONS AND LAND WARFARE RANGES DATA BASES. THE UNIT TRAINING FACILITIES FILE CONTAINS DATA CONCERNING MILITARY TRAINING FACILITIES. THESE FACILITIES MAY OR MAY NOT BE LOCATED WITHIN A UNIT TRAINING AREA.

DATA FILE: DF0154 INSTALLATION DEF. PLAN. & PROG. CODES

CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 3
TOTAL RECORD LENGTH: 76 CHARACTERS
FORMAT: FOCUS

DATA FILE DEFINITION

THE INSTALLATION DEFENSE PLANNING AND PROGRAMMING CODES (IDPPC) FILE CONTAINS A TRANSLATION OF THE IDPPC TO THE COUNTERPART INSTALLATION DEFENSE PLANNING AND PROGRAMMING GROUPS AND INSTALLATION DEFENSE PLANNING AND PROGRAMMING CATEGORIES. THE IDPPC IS PROVIDED IN THE INSTALLATIONS FILE FOR INSTALLATIONS CONTAINED IN THE DOD BASE STRUCTURE ANNEX.

+-----+
DATA FILE: DF0161 ENCROACHMENTS

-----+
CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 56
TOTAL RECORD LENGTH: 426 CHARACTERS
FORMAT: FOCUS

+-----+-----| DATA FILE DEFINITION |-----+

THIS DATA BASE PROVIDES DESCRIPTIVE INFORMATION ON UNITED STATES MARINE CORPS ENCROACHMENT ISSUES. AN ENCROACHMENT IS ANY ACTION PLANNED OR EXECUTED IN THE VICINITY OF A MARINE CORPS INSTALLATION'S NORMAL AREA OF OPERATIONS WHICH INHIBITS, CURTAILS OR POSSESSES THE POTENTIAL TO IMPEDE MARINE CORPS INTEREST.

+-----+
DATA FILE: DF0162 ENCROACHMENTS SUB-CATEGORY

-----+
CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 2
TOTAL RECORD LENGTH: 40 CHARACTERS
FORMAT: FOCUS

+-----+-----| DATA FILE DEFINITION |-----+

THIS DATA BASE IS A CROSS-REFERENCE FILE USED TO DEFINE THE CATEGORY CODE USED IN THE ENCROACHMENTS DATABASE. THE INFORMATION CONTAINED IN THE FILE IS THE MINOR CLASSIFICATION OF AN ENCROACHMENT ISSUE. THE FIRST CHARACTER OF THE THREE-CHARACTER CODE IS THE MAJOR CLASSIFICATION, FOLLOWED BY A 2-DIGIT SEQUENCE NUMBER.

+-----+
DATA FILE: DF0192 TRAINING RESOURCE STANDARDS

-----+
CLASSIFICATION: UNCLASSIFIED
NUMBER OF DATA ELEMENTS: 32
TOTAL RECORD LENGTH: 457 CHARACTERS
FORMAT: FOCUS

+-----+-----| DATA FILE DEFINITION |-----+

THE DATA FILE PROVIDES INFORMATION ON STANDARDS FOR WEAPONS TRAINING RANGES AND UNIT TRAINING AREAS. CURRENT DATA SUPPORTS THE USMC LAND AND TRAINING AREA REQUIREMENTS (LATAR) MANAGEMENT SYSTEM.

DATA ELEMENT NAMES

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT NAMES

DATA FILE: DF0006 AIRPORT
ELEMENT ID ELEMENT NAME

130010	STATE ABBREVIATION
130041	NEAREST CIVILIAN AIRPORT
130043	LARGEST CIVILIAN AIRCRAFT
130046	LARGEST MILITARY AIRCRAFT
130048	RUNWAY LENGTH
130049	RUNWAY WIDTH
130251	AIRPORT NAME
130411	REMARKS

DATA FILE: DF0007 AMMO
ELEMENT ID ELEMENT NAME

130199	AMMUNITION CODE
130241	AMMUNITION DESCRIPTION

DATA FILE: DF0008 BRANCH
ELEMENT ID ELEMENT NAME

130122	BASIC BRANCH OR SPECIALTY
130243	TYPE UNIT DESCRIPTION

DATA FILE: DF0009 COUNTRY
ELEMENT ID ELEMENT NAME

130012	COUNTRIES OF THE WORLD
130247	COUNTRY NAME
130395	ICAO LOCATION IDENTIFIER

DATA FILE: DF0010 ECHELON
ELEMENT ID ELEMENT NAME

130123 ECHELON
130245 UNIT SIZE DESCRIPTION

DATA FILE: DF0011 INSTALLATIONS
ELEMENT ID ELEMENT NAME

130001 INSTALLATION ID NUMBER
130002 INSTALLATION NAME
130003 MAJOR USER/OWNER
130004 COMMAND
130005 ARMY AREA
130006 CONGRESSIONAL DISTRICT
130007 ADDRESS
130009 CITY
130010 STATE ABBREVIATION
130011 ZIP CODE
130012 COUNTRIES OF THE WORLD
130013 GEOGRAPHIC LOCATION CODE
130014 COUNTY
130015 PARENT INSTALLATION NUMBER
130016 DATA DATE
130017 NEAREST CITY
130018 METROPOLITAN AREA
130019 METROPOLITAN AREA DISTANCE
130020 METROPOLITAN AREA POPULATION
130021 LATITUDE
130022 LATITUDE HEMISPHERE
130023 LONGITUDE
130024 LONGITUDE HEMISPHERE
130025 UNIFORM INSTALLATION CODE
130026 PARENT UNIFORM INSTALLATION CODE
130027 CLIMATE ZONE
130028 MISSION CODE
130030 INSTALLATION DEF. PLAN. & PROG. CODE
130033 ARMY LOCATION CODE
130034 PROPERTY CONTROL
130035 STATE SUPPORT
130037 BUS TERMINAL LOCATION
130038 BUS TERMINAL DISTANCE
130039 RAIL TERMINAL LOCATION
130040 RAIL TERMINAL DISTANCE
130041 NEAREST CIVILIAN AIRPORT

DATA FILE: DF0011 INSTALLATIONS	
ELEMENT ID	ELEMENT NAME

130042	CIVILIAN AIRPORT DISTANCE
130044	NEAREST MILITARY AIRPORT
130045	MILITARY AIRPORT DISTANCE
130047	AIRFIELD NAME
130048	RUNWAY LENGTH
130049	RUNWAY WIDTH
130050	ARMY AVIATION SUPPORT FACILITY
130051	CONTROL TOWER AVAILABILITY
130052	CONTROL TOWER OPERATING HOURS
130054	OPERATIONS BUILDING
130055	FIRE EQUIPMENT
130056	AIRFIELD SUPPORT
130058	POC ORGANIZATION
130059	POC NAME/TITLE
130061	POC OFFICE SYMBOL
130075	POC ADDRESS
130077	POC ADDRESS, CITY
130079	POC ADDRESS, ZIP CODE
130091	TOTAL AREA OF INSTALLATION
130092	OFF-POST MANEUVER AREA
130093	LIVE FIRE AUTHORIZED
130094	DESIGNATED IMPACT AREA
130095	ARTILLERY POINTS
130096	OBSERVATION POINTS
130097	MORTAR POINTS
130098	MANEUVER AREA DESCRIPTION
130099	EXCESS AREA
130100	DATE AREA DECLARED EXCESS
130101	SHORTAGE AREA
130102	DATE AREA SHORTAGE DECLARED
130105	TRANSIENT OFFICER BILLETING
130106	TRANSIENT ENLISTED BILLETING
130107	MESSING FACILITIES
130108	MEDICAL FACILITY NAME
130109	MEDICAL FACILITY LOCATION
130110	MEDICAL FACILITY DISTANCE
130111	MEDICAL FACILITY BEDS
130112	DISPENSARY AVAILABILITY
130113	ADMINISTRATIVE BUILDINGS
130114	AMMUNITION STORAGE TYPE
130115	AMMUNITION STORAGE CAPACITY
130116	COVERED STORAGE
130117	AMMUNITION TRANSFER POINT AUTHORIZED
130118	MAINTENANCE BUILDINGS
130119	YEAR AROUND USE
130120	WATER SYSTEM CAPACITY
130121	SEWAGE SYSTEM CAPACITY
130122	BASIC BRANCH OR SPECIALTY

+-----+
| DATA FILE: DF0011 INSTALLATIONS
| ELEMENT ID ELEMENT NAME
+-----+

130123	ECHELON
130124	NUMBER OF ECHELONS
130125	LOCAL TRAINING AREA NAME
130126	SIZE OF LOCAL TRAINING AREA
130127	DISTANCE TO LOCAL TRAINING AREA
130128	OTHER LOCAL TRAINING AREAS
130129	REGION OF COUNTRY
130130	MANNING CATEGORY
130131	TROOP CAPACITY SIZE
130132	IMPACT AREA
130133	MANEUVER AREA
130134	HELIPORT AVAILABILITY
130143	AIRFIELD NUMBER
130329	INTERNAL COMMENTS
130330	NATIONAL GUARD FACILITY ID. NO.
130331	CLIMATE TYPE
130332	POC TYPE
130333	POC COMMERCIAL TELEPHONE NUMBER
130334	POC AUTOVON TELEPHONE NUMBER

DATA FILE: DF0012 LAND WARFARE RANGES	
ELEMENT ID	ELEMENT NAME

130001	INSTALLATION ID NUMBER
130122	BASIC BRANCH OR SPECIALTY
130123	ECHELON
130124	NUMBER OF ECHELONS
130145	RANGE NAME/NUMBER
130146	TYPE OF FACILITY
130147	INDOOR/OUTDOOR FACILITY
130148	FIRING POINTS
130149	STATUS
130150	STATUS EXPLANATION
130152	YEAR BUILT
130153	DEACTIVATED DATE
130154	RANGE, TRAINING AREA/FACILITY DESCRIPTN
130156	SMALL CALIBER USE
130157	RANGE NAME, LONG
130158	RANGE NAME, SHORT
130159	ELECTRICAL POWER AVAILABILITY
130160	ELECTRICAL TRUNK DISTANCE
130161	USEABLE FIRING POINTS
130162	UNUSEABLE FIRING POINTS
130163	AMMUNITION BREAKDOWN BUILDINGS
130164	BLEACHER SETS
130165	BIVOUAC SITES
130166	CLASSROOM BUILDINGS
130167	CONTROL TOWERS
130168	LATRINES
130169	COVERED MESSING AREAS
130170	PARKING AREAS
130171	TARGET/UTILITY SHEDS
130172	WATER SYSTEM
130173	OTHER STRUCTURES
130174	OTHER STRUCTURES DESCRIPTION
130176	MILITARY CONSTRUCTION NUMBER
130177	MILITARY CONSTRUCTION TITLE
130178	MILITARY CONSTRUCTION DESCRIPTION
130179	MILITARY CONSTRUCTION FISCAL YEAR
130180	MILITARY CONSTRUCTION FY SCHEDULED COMP.
130181	MILITARY CONSTRUCTION FY COMPLETION
130182	MILITARY CONSTRUCTION STATUS
130183	MILITARY CONSTRUCTION REMARKS
130184	MILITARY CONSTRUCTION RANGE CATEGORY
130185	MILITARY CONSTRUCTION STANDARDIZED RNG.
130187	MILITARY CONSTRUCTION ESTIMATED COST
130188	MILITARY CONSTRUCTION FUNDS
130191	RANGE USE LINE NUMBER
130192	RANGE USE CODE

DATA FILE: DF0012 LAND WARFARE RANGES	
ELEMENT ID	ELEMENT NAME

130194	RANGE USE DESCRIPTION
130196	WEAPONS CODE
130197	WEAPONS DESCRIPTION
130199	AMMUNITION CODE
130200	AMMUNITION DESCRIPTION
130201	FUTURE WEAPONS NAME
130202	FUTURE AMMUNITION NAME
130204	RESTRICTIONS/COMMENTS
130221	TARGET NAME
130222	TARGET QUANTITY
130223	TARGET POWER REQUIREMENTS
130224	TARGET CONDITION
130225	TARGET REMARKS
130327	NIGHT USE
130328	LIGHTED RANGE/AREA
130335	COMMUNICATION SYSTEMS CATEGORY
130337	RANGE/TRAINING AREA DESCRIPTION
130338	RANGE CAPABILITIES
130341	LASER SAFE
130342	LASER COMMENTS
130343	MANEUVERS AUTHORIZED
130344	PETROLEUM OIL LUBRICANTS (POL) DISTANCE
130345	RATIONS DISTANCE
130346	AMMUNITION DISTANCE
130347	LAND ACCESS ROUTES
130348	WATER ACCESS ROUTES
130349	AIR INGRESS ROUTES
130350	AIR EGRESS ROUTES
130351	BEACH ACCESS ROUTES
130352	PERCENT OF ROCKY SOIL
130353	PERCENT OF SANDY SOIL
130354	PERCENT OF CLAY SOIL
130355	PERCENT OF SWAMP/MARSH SOIL
130356	PERCENT OF LOAMY SOIL
130357	PERCENT OF OTHER SOIL
130358	OTHER SOIL DESCRIPTION
130359	PERCENT OF MOUNTAINOUS TERRAIN
130360	PERCENT OF HILLY TERRAIN
130361	PERCENT OF ROLLING TERRAIN
130362	PERCENT OF DESERT TERRAIN
130363	PERCENT OF BEACH TERRAIN
130364	PERCENT OF LEVEL TERRAIN
130365	PERCENT OF WATER
130367	SPECIAL USE AIRSPACE NAME
130401	TARGET/SIMULATOR/DEVICE KEY
130409	MAP COORDINATE

+-----+
| DATA FILE: DF0013 RANGE USES
| ELEMENT ID ELEMENT NAME
+-----+

130410 PRIMARY DIRECTION OF FIRE
130418 RESTRICTIONS/COMMENTS KEY
130192 RANGE USE CODE
130193 RANGE CATEGORY CODE
130237 RANGE USE DESCRIPTION

+-----+
| DATA FILE: DF0014 REGION
| ELEMENT ID ELEMENT NAME
+-----+

130012 COUNTRIES OF THE WORLD
130129 REGION OF COUNTRY
130254 REGION NAME

+-----+
| DATA FILE: DF0015 STATES
| ELEMENT ID ELEMENT NAME
+-----+

130010 STATE ABBREVIATION
130249 STATE NAME

DATA FILE: DF0016 UNIT TRAINING AREAS	
ELEMENT ID	ELEMENT NAME

130001	INSTALLATION ID NUMBER
130122	BASIC BRANCH OR SPECIALTY
130123	ECHELON
130124	NUMBER OF ECHELONS
130149	STATUS
130150	STATUS EXPLANATION
130154	RANGE, TRAINING AREA/FACILITY DESCRIPTN
130159	ELECTRICAL POWER AVAILABILITY
130160	ELECTRICAL TRUNK DISTANCE
130164	BLEACHER SETS
130165	BIVOUAC SITES
130166	CLASSROOM BUILDINGS
130167	CONTROL TOWERS
130168	LATRINES
130169	COVERED MESSING AREAS
130170	PARKING AREAS
130171	TARGET/UTILITY SHEDS
130172	WATER SYSTEM
130173	OTHER STRUCTURES
130174	OTHER STRUCTURES DESCRIPTION
130176	MILITARY CONSTRUCTION NUMBER
130177	MILITARY CONSTRUCTION TITLE
130178	MILITARY CONSTRUCTION DESCRIPTION
130179	MILITARY CONSTRUCTION FISCAL YEAR
130180	MILITARY CONSTRUCTION FY SCHEDULED COMP.
130181	MILITARY CONSTRUCTION FY COMPLETION
130182	MILITARY CONSTRUCTION STATUS
130183	MILITARY CONSTRUCTION REMARKS
130187	MILITARY CONSTRUCTION ESTIMATED COST
130188	MILITARY CONSTRUCTION FUNDS
130327	NIGHT USE
130335	COMMUNICATION SYSTEMS CATEGORY
130337	RANGE/TRAINING AREA DESCRIPTION
130341	LASER SAFE
130342	LASER COMMENTS
130343	MANEUVERS AUTHORIZED
130344	PETROLEUM OIL LUBRICANTS (POL) DISTANCE
130345	RATIONS DISTANCE
130368	TRAINING AREA/FACILITY NAME
130371	TRAINING AREA/FACILITY LOCATION
130372	TRAINING USE CODE SEQUENCE NUMBER
130373	TRAINING USE CODE
130374	TRAINING USE
130375	GEOGRAPHIC ATTRIBUTES
130376	TERRAIN/SOIL TYPE
130377	TERRAIN/SOIL PERCENT

+-----+
| DATA FILE: DF0016 UNIT TRAINING AREAS
| ELEMENT ID ELEMENT NAME
+-----+

130378	NUMBER OF ACCESS ROUTES
130402	SIMULATOR/DEVICE KEY
130403	SIMULATOR/DEVICE DESCRIPTION
130404	SIMULATOR/DEVICE QUANTITY
130405	SIMULATOR/DEVICE POWER
130406	SIMULATOR/DEVICE CONDITION
130407	SIMULATOR/DEVICE REMARKS
130409	MAP COORDINATE

+-----+
| DATA FILE: DF0017 TRAINING USE
| ELEMENT ID ELEMENT NAME
+-----+

130373	TRAINING USE CODE
130408	TRAINING USE DESCRIPTION

+-----+
| DATA FILE: DF0018 WEAPONS
| ELEMENT ID ELEMENT NAME
+-----+

130196	WEAPONS CODE
130239	WEAPONS DESCRIPTION

DATA FILE: DF0139 UNIT TRAINING FACILITIES	
ELEMENT ID	ELEMENT NAME

130001	INSTALLATION ID NUMBER
130147	INDOOR/OUTDOOR FACILITY
130149	STATUS
130150	STATUS EXPLANATION
130154	RANGE, TRAINING AREA/FACILITY DESCRIPTN
130159	ELECTRICAL POWER AVAILABILITY
130164	BLEACHER SETS
130166	CLASSROOM BUILDINGS
130167	CONTROL TOWERS
130168	LATRINES
130170	PARKING AREAS
130171	TARGET/UTILITY SHEDS
130172	WATER SYSTEM
130173	OTHER STRUCTURES
130174	OTHER STRUCTURES DESCRIPTION
130176	MILITARY CONSTRUCTION NUMBER
130177	MILITARY CONSTRUCTION TITLE
130178	MILITARY CONSTRUCTION DESCRIPTION
130179	MILITARY CONSTRUCTION FISCAL YEAR
130180	MILITARY CONSTRUCTION FY SCHEDULED COMP.
130181	MILITARY CONSTRUCTION FY COMPLETION
130182	MILITARY CONSTRUCTION STATUS
130183	MILITARY CONSTRUCTION REMARKS
130187	MILITARY CONSTRUCTION ESTIMATED COST
130188	MILITARY CONSTRUCTION FUNDS
130327	NIGHT USE
130328	LIGHTED RANGE/AREA
130335	COMMUNICATION SYSTEMS CATEGORY
130337	RANGE/TRAINING AREA DESCRIPTION
130368	TRAINING AREA/FACILITY NAME
130371	TRAINING AREA/FACILITY LOCATION
130372	TRAINING USE CODE SEQUENCE NUMBER
130373	TRAINING USE CODE
130374	TRAINING USE
130402	SIMULATOR/DEVICE KEY
130403	SIMULATOR/DEVICE DESCRIPTION
130404	SIMULATOR/DEVICE QUANTITY
130405	SIMULATOR/DEVICE POWER
130406	SIMULATOR/DEVICE CONDITION
130407	SIMULATOR/DEVICE REMARKS

DATA FILE: DF0154 INSTALLATION DEF. PLAN. & PROG. CODES	
ELEMENT ID	ELEMENT NAME

130030	INSTALLATION DEF. PLAN. & PROG. CODE
130031	INSTALLATION DEF. PLAN. & PROG. GROUP
130032	INSTALLATION DEF. PLAN. & PROG. CATEGORY

DATA FILE: DF0161 ENCROACHMENTS	
ELEMENT ID	ELEMENT NAME

130001	INSTALLATION ID NUMBER
130010	STATE ABBREVIATION
130016	DATA DATE
130058	POC ORGANIZATION
130059	POC NAME/TITLE
130077	POC ADDRESS, CITY
130329	INTERNAL COMMENTS
130332	POC TYPE
130333	POC COMMERCIAL TELEPHONE NUMBER
130334	POC AUTOVON TELEPHONE NUMBER
130386	ENCROACHMENT CATEGORY
130387	ENCROACHMENT SUB-CATEGORY
130388	ENCROACHMENT ISSUE
130389	ENCROACHMENT STATUS DATE
130390	ENCROACHMENT AREA-OF-CONCERN
130391	ENCROACHMENT DESCRIPTION
130392	ENCROACHMENT ISSUE NUMBER

DATA FILE: DF0162 ENCROACHMENTS SUB-CATEGORY	
ELEMENT ID	ELEMENT NAME

130393	ENCROACHMENT SUB-CATEGORY CODE
130394	ENCROACHMENT SUB-CATEGORY TITLE

DATA FILE: DF0192 TRAINING RESOURCE STANDARDS	
ELEMENT ID	ELEMENT NAME

130016	DATA DATE
130148	FIRING POINTS
130192	RANGE USE CODE
130196	WEAPONS CODE
130197	WEAPONS DESCRIPTION
130199	AMMUNITION CODE
130200	AMMUNITION DESCRIPTION
130373	TRAINING USE CODE
130396	RANGE/TRAINING AREA STANDARDS NUMBER
130397	RANGE/TRAINING AREA STANDARDS NAME
130398	STANDARDS TYPE
130399	WARFARE DATABASE
130400	TEXT KEY
130412	SURFACE DANGER AREA CRITERIA
130413	SURFACE DANGER AREA DISTANCE
130414	SURFACE DANGER AREA UNIT OF MEASURE
130415	SURFACE DANGER AREA TYPE
130416	CAPABILITIES KEY
130417	CAPABILITIES TEXT

DATA ELEMENT DEFINITIONS

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0006 AIRPORT

DATA ELEMENT: 130010 STATE ABBREVIATION
USED AS FIELD: APT_ST IN SEGMENT: APTSEG
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

THE ABBREVIATED STATE ADDRESS OF THE INSTALLATION. FOR CANADIAN INSTALLATIONS, THIS FIELD CONTAINS THE CANADIAN PROVINCE ABBREVIATION. THE ABBREVIATIONS MAY BE DECODED BY A JOIN TO THE STATES FILE.

DATA ELEMENT: 130041 NEAREST CIVILIAN AIRPORT
USED AS FIELD: APTCODE IN SEGMENT: APTSEG
DATA TYPE: ALPHANUMERIC LENGTH: 4

DATA ELEMENT DEFINITION

THE NAME OF THE NEAREST CIVILIAN COMMERCIAL AIRPORT. THE ELEMENT CONTAINED IN THE INSTALLATIONS FILE CONTAINS THE FAA LOCATION IDENTIFIER FOR THE AIRPORT. THIS CODE IS DECODED TO THE AIRPORT NAME BY A STATIC CROSS-REFERENCE TO THE AIRPORT FILE.

DATA ELEMENT: 130043 LARGEST CIVILIAN AIRCRAFT
USED AS FIELD: ACFT_IDC IN SEGMENT: APTSEG
DATA TYPE: ALPHANUMERIC LENGTH: 8

DATA ELEMENT DEFINITION

THE LARGEST CIVILIAN COMMERCIAL AIRCRAFT THAT MAY USE THE NEAREST CIVILIAN COMMERCIAL AIRPORT.

DATA ELEMENT: 130046 LARGEST MILITARY AIRCRAFT
USED AS FIELD: ACFT_IDM IN SEGMENT: APTSEG
DATA TYPE: ALPHANUMERIC LENGTH: 8

DATA ELEMENT DEFINITION

THE LARGEST MILITARY TRANSPORT AIRCRAFT THAT MAY USE THE AIRPORT.

DATA ELEMENT: 130048 RUNWAY LENGTH
USED AS FIELD: RUNWAYLENGTH IN SEGMENT: APTSEG
DATA TYPE: INTEGER LENGTH: 5

DATA ELEMENT DEFINITION

THE LENGTH OF THE LONGEST RUNWAY, IN FEET, AT AN AIRFIELD OR AIRPORT.

DATA ELEMENT: 130049 RUNWAY WIDTH
USED AS FIELD: RUNWAYWIDTH IN SEGMENT: APTSEG
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE WIDTH, IN FEET, OF THE LONGEST RUNWAY AT AN AIRFIELD OR AIRPORT.

DATA ELEMENT: 130251 AIRPORT NAME
USED AS FIELD: APTNAME IN SEGMENT: APTSEG
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE NAME OF AN AIRPORT. THIS FIELD DECODES THE FAA LOCATION IDENTIFIER CONTAINED IN THE INSTALLATIONS FILE FOR BOTH MILITARY AND CIVILIAN/COMMERCIAL AIRPORTS.

DATA ELEMENT: 130411 REMARKS
USED AS FIELD: REMARKS IN SEGMENT: APTSEG
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

ANY REMARKS CONCERNING THE ASSOCIATED DATA SET.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

-----+
| DATA ELEMENT LIST FOR: DF0007 AMMO |
-----+

-----+
| DATA ELEMENT: 130199 AMMUNITION CODE |
| USED AS FIELD: AMMOCODE IN SEGMENT: ONE |
| DATA TYPE: INTEGER LENGTH: 3 |
-----+

-----+
| DATA ELEMENT DEFINITION |-----+

AN AMMUNITION CODE ASSIGNED TO EACH AMMUNITION OR ORDNANCE THAT
MAY BE FIRED OR USED ON A PARTICULAR RANGE. THIS CODE MAY BE
DECODED TO THE AMMUNITION DESCRIPTION BY A CROSS-REFERENCE
TO THE AMMUNITION FILE.

-----+
| DATA ELEMENT: 130241 AMMUNITION DESCRIPTION |
| USED AS FIELD: AMMODESC IN SEGMENT: ONE |
| DATA TYPE: ALPHANUMERIC LENGTH: 30 |
-----+

-----+
| DATA ELEMENT DEFINITION |-----+

A DESCRIPTION OF THE AMMUNITION OR ORDNANCE AUTHORIZED TO BE
FIRED OR USED ON A PARTICULAR RANGE. THIS DATA ELEMENT DECODES
THE AMMUNITION CODE.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0008 BRANCH

DATA ELEMENT: 130122 BASIC BRANCH OR SPECIALTY
USED AS FIELD: BRANCH IN SEGMENT: BRNAME
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

A CODE FOR THE BRANCH(S) OF AN INDIVIDUAL SERVICE FOR WHICH A
MANEUVER AREA PROVIDES SUITABLE TRAINING, E.G., INFANTRY, ARMOR,
CORPS OF ENGINEERS, ETC. THE CODE IS DECODED BY A STATIC
CROSS-REFERENCE TO THE BRANCH FILE.

DATA ELEMENT: 130243 TYPE UNIT DESCRIPTION
USED AS FIELD: BR_NAME IN SEGMENT: BRNAME
DATA TYPE: ALPHANUMERIC LENGTH: 35

DATA ELEMENT DEFINITION

THE BRANCH(S) OF AN INDIVIDUAL SERVICE FOR WHICH A MANEUVER AREA
PROVIDES SUITABLE TRAINING, E.G., INFANTRY, ARMOR, CORPS OF
ENGINEERS, ETC.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0009 COUNTRY

DATA ELEMENT: 130012 COUNTRIES OF THE WORLD
USED AS FIELD: KOUNTRYCODE IN SEGMENT: ONE
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

THE ABBREVIATION FOR THE COUNTRY IN WHICH THE INSTALLATION IS
LOCATED. THE COUNTRY CODE MAY BE DECODED BY A JOIN TO THE
COUNTRY FILE.

DATA ELEMENT: 130247 COUNTRY NAME
USED AS FIELD: KOUNTRYNAME IN SEGMENT: ONE
DATA TYPE: ALPHANUMERIC LENGTH: 45

DATA ELEMENT DEFINITION

THE NAME OF A COUNTRY. THIS FIELD DECODES THE COUNTRY
ABBREVIATION CONTAINED IN THE COUNTRY FIELD OF THE INSTALLATIONS
FILE.

DATA ELEMENT: 130395 ICAO LOCATION IDENTIFIER
USED AS FIELD: ICAO IN SEGMENT: ONE
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

ICAO LOCATION IDENTIFIER FOR COUNTRIES.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0010 ECHELON

DATA ELEMENT: 130123 ECHELON
USED AS FIELD: ECHELON IN SEGMENT: ECHNAME
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

A CODE FOR THE ECHELON FOR WHICH A MANEUVER AREA WILL PROVIDE
SUITABLE TRAINING, E.G., COMPANY, BATTALION, ETC. NORMAL USED
IN CONJUNCTION WITH THE BRANCH FIELD. THIS CODE IS DECODED BY
A STATIC CROSS-REFERENCE TO THE ECHELON FILE.

DATA ELEMENT: 130245 UNIT SIZE DESCRIPTION
USED AS FIELD: ECH_NAME IN SEGMENT: ECHNAME
DATA TYPE: ALPHANUMERIC LENGTH: 15

DATA ELEMENT DEFINITION

THE ECHELON FOR WHICH A MANEUVER AREA PROVIDES SUITABLE
TRAINING, E.G., COMPANY, BATTALION, ETC. NORMALLY USED WITH
BRANCH.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0011 INSTALLATIONS

DATA ELEMENT: 130001 INSTALLATION ID NUMBER
USED AS FIELD: INSTLID IN SEGMENT: INSTALL
DATA TYPE: INTEGER LENGTH: 5
DATA ELEMENT DEFINITION

AN INSTALLATION IDENTIFICATION NUMBER ASSIGNED TO EACH
INSTALLATION BY THE TPDC FILE MANAGER. THIS DATA ELEMENT IS A
LINKING DATA ELEMENT TO OTHER TPDC CORPORATE FILES.

DATA ELEMENT: 130002 INSTALLATION NAME
USED AS FIELD: INSTLNAME IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 70
DATA ELEMENT DEFINITION

THE NAME OF THE INSTALLATION, BASE, POST, OR TRAINING SITE.

DATA ELEMENT: 130003 MAJOR USER/OWNER
USED AS FIELD: MAJUSER IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 2
DATA ELEMENT DEFINITION

THE MAJOR USER OR OWNER SERVICE COMPONENT. CATEGORIES ARE: ARMY,
NAVY, USMC, USAF, USCG, ARMY NATIONAL GUARD, AIR NATIONAL GUARD,
ARMY RESERVE, NAVAL RESERVE, AF RESERVE, USMC RESERVE, USCG
RESERVE, DOD, FEDERAL NON-DOD, STATE AGENCY, MUNICIPAL AGENCY,
PRIVATE, AND FOREIGN.

DATA ELEMENT: 130004 COMMAND
USED AS FIELD: MACOM IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 15
DATA ELEMENT DEFINITION

THE MAJOR COMMAND, WHERE APPROPRIATE, THAT CONTROLS THE
FACILITY.

+-----+
DATA ELEMENT: 130005 ARMY AREA
USED AS FIELD: ARMYAREA IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE ARMY AREA IN WHICH THE INSTALLATION IS LOCATED, E.G., FIRST
ARMY, SECOND ARMY, ETC. U.S. INSTALLATIONS ONLY.

+-----+
DATA ELEMENT: 130006 CONGRESSIONAL DISTRICT
USED AS FIELD: CONGDIST IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE CONGRESSIONAL DISTRICT IN WHICH THE INSTALLATION IS LOCATED.

+-----+
DATA ELEMENT: 130007 ADDRESS
USED AS FIELD: ADDRESS1 IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE ADDRESS OF THE INSTALLATION.

+-----+
DATA ELEMENT: 130007 ADDRESS
USED AS FIELD: ADDRESS2 IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE ADDRESS OF THE INSTALLATION.

+-----+
DATA ELEMENT: 130009 CITY
USED AS FIELD: CITY IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 25
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE CITY ADDRESS OF THE INSTALLATION.

+-----+
DATA ELEMENT: 130010 STATE ABBREVIATION
USED AS FIELD: STATE IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE ABBREVIATED STATE ADDRESS OF THE INSTALLATION. FOR CANADIAN
INSTALLATIONS, THIS FIELD CONTAINS THE CANADIAN PROVINCE
ABBREVIATION. THE ABBREVIATIONS MAY BE DECODED BY A JOIN TO THE
STATES FILE.

DATA ELEMENT: 130011 ZIP CODE
USED AS FIELD: ZIP IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 10

DATA ELEMENT DEFINITION

THE ZIP CODE FOR THE INSTALLATION, IF APPLICABLE (NOTE: ALL TRAINING SITES DO NOT HAVE ZIP CODES).

DATA ELEMENT: 130012 COUNTRIES OF THE WORLD
USED AS FIELD: KOUNTRY IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

THE ABBREVIATION FOR THE COUNTRY IN WHICH THE INSTALLATION IS LOCATED. THE COUNTRY CODE MAY BE DECODED BY A JOIN TO THE COUNTRY FILE.

DATA ELEMENT: 130013 GEOGRAPHIC LOCATION CODE
USED AS FIELD: GEOLC IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 4

DATA ELEMENT DEFINITION

A FOUR-CHARACTER CODE THAT INDICATES THE GEOLOCATION OF A BASE, STATION, PORT, CITY, OR OTHER TYPE OF PLACE AS ASSIGNED BY THE JOINT CHIEFS OF STAFF.

DATA ELEMENT: 130014 COUNTY
USED AS FIELD: KOUNTY IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 18

DATA ELEMENT DEFINITION

THE COUNTY, PARISH, OR BOROUGH IN WHICH THE INSTALLATION IS LOCATED. IF THE INSTALLATION IS LOCATED IN MULTIPLE COUNTIES, THE PRIMARY COUNTY IS SHOWN WITH A FOLLOWING "*."

DATA ELEMENT: 130015 PARENT INSTALLATION NUMBER
USED AS FIELD: PARENTID IN SEGMENT: ADDRESS
DATA TYPE: INTEGER LENGTH: 5

DATA ELEMENT DEFINITION

THE TPDC IDENTIFICATION NUMBER OF THE PARENT INSTALLATION, WHERE APPROPRIATE. USED FOR INSTALLATIONS WHICH ARE A SUB-INSTALLATION TO ANOTHER (PARENT) INSTALLATION.

DATA ELEMENT: 130016 DATA DATE
USED AS FIELD: DATADATE IN SEGMENT: ADDRESS
DATA TYPE: INTEGER LENGTH: 6

DATA ELEMENT DEFINITION

THE DATE FOR WHICH THE DATA IS VALID OR LAST UPDATED.

DATA ELEMENT: 130017 NEAREST CITY
USED AS FIELD: NEARCITY IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 40

DATA ELEMENT DEFINITION

THE NAME OF THE NEAREST CITY OR TOWN TO THE INSTALLATION.

DATA ELEMENT: 130018 METROPOLITAN AREA
USED AS FIELD: METROCITY IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 40

DATA ELEMENT DEFINITION

THE NAME OF THE NEAREST METROPOLITAN CITY OR TOWN TO THE
INSTALLATION.

DATA ELEMENT: 130019 METROPOLITAN AREA DISTANCE
USED AS FIELD: METRODIST IN SEGMENT: ADDRESS
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE DISTANCE TO THE NEAREST METROPOLITAN CITY.

DATA ELEMENT: 130020 METROPOLITAN AREA POPULATION
USED AS FIELD: METROPOP IN SEGMENT: ADDRESS
DATA TYPE: INTEGER LENGTH: 7

DATA ELEMENT DEFINITION

THE POPULATION OF THE NEAREST METROPOLITAN CITY.

DATA ELEMENT: 130021 LATITUDE
USED AS FIELD: LATITUDE IN SEGMENT: ADDRESS
DATA TYPE: INTEGER LENGTH: 6

DATA ELEMENT DEFINITION

THE ANGULAR DISTANCE NORTH OR SOUTH OF THE EQUATOR. MEASURED IN
DEGREES, MINUTES AND SECONDS. SEE LATITUDE HEMISPHERE FOR THE
NORTH OR SOUTH COMPONENT.

+-----+
| DATA ELEMENT: 130022 LATITUDE HEMISPHERE
| USED AS FIELD: LATPOS IN SEGMENT: ADDRESS
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE NORTH OR SOUTH HEMISPHERE COMPONENT OF LATITUDE.

+-----+
| DATA ELEMENT: 130023 LONGITUDE
| USED AS FIELD: LONGITUDE IN SEGMENT: ADDRESS
| DATA TYPE: INTEGER LENGTH: 7
| DATA TYPE: LENGTH:
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE ANGULAR DISTANCE EAST OR WEST OF THE PRIME MERIDIAN (GREENWICH). MEASURED IN DEGREES, MINUTES AND SECONDS. SEE LONGITUDE HEMISPHERE FOR THE EAST OR WEST COMPONENT.

+-----+
| DATA ELEMENT: 130024 LONGITUDE HEMISPHERE
| USED AS FIELD: LONGPOS IN SEGMENT: ADDRESS
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE EAST OR WEST HEMISPHERE COMPONENT OF LONGITUDE.

+-----+
| DATA ELEMENT: 130025 UNIFORM INSTALLATION CODE
| USED AS FIELD: INSTLCODE IN SEGMENT: BSA
| DATA TYPE: ALPHANUMERIC LENGTH: 5
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE INSTALLATION CODE ASIGNED TO AN INSTALLATION AS USED IN THE DOD BASE STRUCTURE ANNEX. THIS CODE ONLY APPLIES TO MAJOR FEDERAL DOD INSTALLATIONS.

+-----+
| DATA ELEMENT: 130026 PARENT UNIFORM INSTALLATION CODE
| USED AS FIELD: PARINSTLCODE IN SEGMENT: BSA
| DATA TYPE: ALPHANUMERIC LENGTH: 5
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE INSTALLATION CODE WITHIN THE DOD BASE STRUCTURE ANNEX FOR THE PARENT INSTALLATION. USED WHEN THE INSTALLATION IS A SUB-INSTALLATION OF ANOTHER.

DATA ELEMENT: 130027 CLIMATE ZONE
USED AS FIELD: CLZONE IN SEGMENT: BSA
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

THE CLIMATE ZONE NUMBER ASSIGNED TO AN INSTALLATION LISTED IN THE DOD BASE STRUCTURE ANNEX. SEE UNIFORM INSTALLATION CODE FOR INFORMATION ON INSTALLATIONS LISTED IN THE DOD BASE STRUCTURE ANNEX.

DATA ELEMENT: 130028 MISSION CODE
USED AS FIELD: MSNCODE IN SEGMENT: BSA
DATA TYPE: ALPHANUMERIC LENGTH: 6

DATA ELEMENT DEFINITION

THE MISSION CODE ASSIGNED TO AN INSTALLATION LISTED IN THE DOD BASE STRUCTURE ANNEX. SEE UNIFORM INSTALLATION CODE FOR INFORMATION ON INSTALLATIONS LISTED IN THE DOD BASE STRUCTURE ANNEX.

DATA ELEMENT: 130030 INSTALLATION DEF. PLAN. & PROG. CODE
USED AS FIELD: IDPPC IN SEGMENT: BSA
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

A THREE DIGIT NUMERIC CODE CLASSIFYING EACH INSTALLATION LISTED IN THE DOD BASE STRUCTURE ANNEX INTO A DEFENSE PLANNING AND PROGRAMMING CATEGORY ACCORDING TO ITS PRIMARY MISSION. SEE UNIFORM INSTALLATION CODE FOR ADDITIONAL INFORMATION ON INSTALLATIONS LISTED IN THE DOD BASE STRUCTURE ANNEX.

DATA ELEMENT: 130033 ARMY LOCATION CODE
USED AS FIELD: ARLOC IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 5

DATA ELEMENT DEFINITION

A FIVE-DIGIT CODE INDICATING THE LOCATION OF A BASE, STATION, PORT, CITY, OR OTHER TYPE OF PLACE AS ASSIGNED BY THE DEPARTMENT OF THE ARMY.

DATA ELEMENT: 130034 PROPERTY CONTROL
USED AS FIELD: PROPCONT IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE AGENCY WHICH CONTROLS THE PROPERTY, E.G., FEDERAL, STATE OR
THE NAME OF A SPECIFIC AGENCY WHICH HAS CONTROL OVER THE
PROPERTY.

DATA ELEMENT: 130035 STATE SUPPORT
USED AS FIELD: STATESUP1 IN SEGMENT: NGB
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE SUPPORT PROVIDED TO THE INSTALLATION BY A STATE GOVERNMENT.
USED FOR NATIONAL GUARD INSTALLATIONS OR TRAINING SITES.

DATA ELEMENT: 130035 STATE SUPPORT
USED AS FIELD: STATESUP2 IN SEGMENT: NGB
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE SUPPORT PROVIDED TO THE INSTALLATION BY A STATE GOVERNMENT.
USED FOR NATIONAL GUARD INSTALLATIONS OR TRAINING SITES.

DATA ELEMENT: 130035 STATE SUPPORT
USED AS FIELD: STATESUP3 IN SEGMENT: NGB
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE SUPPORT PROVIDED TO THE INSTALLATION BY A STATE GOVERNMENT.
USED FOR NATIONAL GUARD INSTALLATIONS OR TRAINING SITES.

DATA ELEMENT: 130037 BUS TERMINAL LOCATION
USED AS FIELD: BUS IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 25

DATA ELEMENT DEFINITION

THE CITY IN WHICH THE NEAREST BUS TERMINAL IS LOCATED. MAY BE
ON-SITE.

DATA ELEMENT: 130038 BUS TERMINAL DISTANCE
USED AS FIELD: BUSDT IN SEGMENT: ADDRESS
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE DISTANCE FROM THE INSTALLATION TO THE NEAREST BUS TERMINAL.

DATA ELEMENT: 130039 RAIL TERMINAL LOCATION
USED AS FIELD: RAIL IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 25

DATA ELEMENT DEFINITION

THE CITY IN WHICH THE NEAREST RAIL TERMINAL IS LOCATED. MAY BE ON-SITE.

DATA ELEMENT: 130040 RAIL TERMINAL DISTANCE
USED AS FIELD: RAILDT IN SEGMENT: ADDRESS
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE DISTANCE FROM THE INSTALLATION TO THE NEAREST RAIL TERMINAL.

DATA ELEMENT: 130041 NEAREST CIVILIAN AIRPORT
USED AS FIELD: AIRCIV IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 4

DATA ELEMENT DEFINITION

THE NAME OF THE NEAREST CIVILIAN COMMERCIAL AIRPORT. THE ELEMENT CONTAINED IN THE INSTALLATIONS FILE CONTAINS THE FAA LOCATION IDENTIFIER FOR THE AIRPORT. THIS CODE IS DECODED TO THE AIRPORT NAME BY A STATIC CROSS-REFERENCE TO THE AIRPORT FILE.

DATA ELEMENT: 130042 CIVILIAN AIRPORT DISTANCE
USED AS FIELD: AIRCIVDT IN SEGMENT: ADDRESS
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE DISTANCE FROM THE INSTALLATION TO THE NEAREST CIVILIAN COMMERCIAL AIRPORT.

DATA ELEMENT: 130044 NEAREST MILITARY AIRPORT
USED AS FIELD: AIRMIL IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 4

DATA ELEMENT DEFINITION

THE NAME OF THE NEAREST MILITARY AIRPORT. THE ELEMENT CONTAINED IN THE INSTALLATIONS FILE CONTAINS THE FAA LOCATION IDENTIFIER FOR THE AIRPORT. THIS CODE IS DECODED TO THE AIRPORT NAME BY A STATIC CROSS-REFERENCE TO THE AIRPORT FILE.

DATA ELEMENT: 130045 MILITARY AIRPORT DISTANCE
USED AS FIELD: AIRMILDT IN SEGMENT: ADDRESS
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE DISTANCE FROM THE INSTALLATION TO THE NEAREST MILITARY AIRPORT.

DATA ELEMENT: 130047 AIRFIELD NAME
USED AS FIELD: AIRFLDNAME IN SEGMENT: AIRFIELD
DATA TYPE: ALPHANUMERIC LENGTH: 30

DATA ELEMENT DEFINITION

THE NAME OF A MILITARY AIRFIELD. THESE AIRFIELDS MAY OR MAY NOT BE USED FOR TRAINING PURPOSES. THEY MAY ALSO BE OF A SMALL SIZE NOT CAPABLE OF THE LARGER TRANSPORT AIRCRAFT. THEY MAY NOT BE SUITABLE FOR FIXED WING AIRCRAFT OTHER THAN VERTICAL TAKEOFF AIRCRAFT. ARMY AIRFIELDS AND EXPEDITIONARY AIRFIELDS LOCATED ON OR ADJACENT TO A MILITARY INSTALLATION FALL INTO THIS CATEGORY.

DATA ELEMENT: 130048 RUNWAY LENGTH
USED AS FIELD: RWYLENGTH IN SEGMENT: AIRFIELD
DATA TYPE: INTEGER LENGTH: 5

DATA ELEMENT DEFINITION

THE LENGTH OF THE LONGEST RUNWAY, IN FEET, AT AN AIRFIELD OR AIRPORT.

DATA ELEMENT: 130049 RUNWAY WIDTH
USED AS FIELD: RWYWIDTH IN SEGMENT: AIRFIELD
DATA TYPE: INTEGER LENGTH: 3
DATA TYPE: LENGTH:

DATA ELEMENT DEFINITION

THE WIDTH, IN FEET, OF THE LONGEST RUNWAY AT AN AIRFIELD OR AIRPORT.

DATA ELEMENT: 130050 ARMY AVIATION SUPPORT FACILITY
USED AS FIELD: AASF IN SEGMENT: AIRFIELD
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION AS TO THE AVAILABILITY OF AN ARMY AVIATION SUPPORT FACILITY (AASF) SUPPORTING THE AIRFIELD'S UNITS.

DATA ELEMENT: 130051 CONTROL TOWER AVAILABILITY
USED AS FIELD: TOWERAVAIL IN SEGMENT: AIRFIELD
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION AS TO THE AVAILABILITY OF AN AIRFIELD CONTROL TOWER.

DATA ELEMENT: 130052 CONTROL TOWER OPERATING HOURS
USED AS FIELD: TOWERHRS1 IN SEGMENT: AIRFIELD
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

COMMENTS CONCERNING THE OPERATING HOURS OF THE AIRFIELD CONTROL TOWER, IF AVAILABLE.

DATA ELEMENT: 130052 CONTROL TOWER OPERATING HOURS
USED AS FIELD: TOWERHRS2 IN SEGMENT: AIRFIELD
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

COMMENTS CONCERNING THE OPERATING HOURS OF THE AIRFIELD CONTROL TOWER, IF AVAILABLE.

DATA ELEMENT: 130054 OPERATIONS BUILDING
USED AS FIELD: OPSBLDGS IN SEGMENT: AIRFIELD
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION AS TO THE AVAILABILITY OF AN AIRFIELD OPERATIONS BUILDING AT THE AIRFIELD.

DATA ELEMENT: 130055 FIRE EQUIPMENT
USED AS FIELD: FIRE IN SEGMENT: AIRFIELD
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION AS TO THE AVAILABILITY OF FIRE FIGHTING PERSONNEL AND EQUIPMENT AT THE AIRFIELD.

DATA ELEMENT: 130056 AIRFIELD SUPPORT
USED AS FIELD: AIRSPT1 IN SEGMENT: AIRFIELD
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

COMMENTS CONCERNING THE AIRFIELD SUPPORT AVAILABLE.

+-----+
| DATA ELEMENT: 130056 AIRFIELD SUPPORT
| USED AS FIELD: AIRSPT2 IN SEGMENT: AIRFIELD
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+ DATA ELEMENT DEFINITION |-----+

COMMENTS CONCERNING THE AIRFIELD SUPPORT AVAILABLE.

+-----+
| DATA ELEMENT: 130058 POC ORGANIZATION
| USED AS FIELD: POCORG IN SEGMENT: POC
| DATA TYPE: ALPHANUMERIC LENGTH: 60
+-----+ DATA ELEMENT DEFINITION |-----+

THE ORGANIZATION FOR THE POINT OF CONTACT.

+-----+
| DATA ELEMENT: 130059 POC NAME/TITLE
| USED AS FIELD: POCNAME IN SEGMENT: POC
| DATA TYPE: ALPHANUMERIC LENGTH: 55
+-----+ DATA ELEMENT DEFINITION |-----+

THE NAME OR TITLE FOR THE POINT OF CONTACT.

+-----+
| DATA ELEMENT: 130061 POC OFFICE SYMBOL
| USED AS FIELD: OFCSYMB IN SEGMENT: POC
| DATA TYPE: ALPHANUMERIC LENGTH: 30
+-----+ DATA ELEMENT DEFINITION |-----+

THE OFFICE SYMBOL FOR THE POINT OF CONTACT.

+-----+
| DATA ELEMENT: 130075 POC ADDRESS
| USED AS FIELD: POCADDR1 IN SEGMENT: POC
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+ DATA ELEMENT DEFINITION |-----+

THE ADDRESS FOR A POINT OF CONTACT.

+-----+
| DATA ELEMENT: 130075 POC ADDRESS
| USED AS FIELD: POCADDR2 IN SEGMENT: POC
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+ DATA ELEMENT DEFINITION |-----+

THE ADDRESS FOR A POINT OF CONTACT.

+-----+
DATA ELEMENT: 130095 ARTILLERY POINTS
USED AS FIELD: ARTYPTS IN SEGMENT: AREA
DATA TYPE: INTEGER LENGTH: 3
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE NUMBER OF DESIGNATED OR SURVEYED ARTILLERY POINTS ON THE
INSTALLATION.

+-----+
DATA ELEMENT: 130096 OBSERVATION POINTS
USED AS FIELD: OBPTS IN SEGMENT: AREA
DATA TYPE: INTEGER LENGTH: 3
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE NUMBER OF ESTABLISHED OBSERVATION POINTS ON THE
INSTALLATION.

+-----+
DATA ELEMENT: 130097 MORTAR POINTS
USED AS FIELD: MORTARPTS IN SEGMENT: AREA
DATA TYPE: INTEGER LENGTH: 3
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE NUMBER OF DESIGNATED OR SURVEYED MORTAR POINTS ON THE
INSTALLATION.

+-----+
DATA ELEMENT: 130098 MANEUVER AREA DESCRIPTION
USED AS FIELD: MVRAREADSC IN SEGMENT: MVRDESC
DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

A DESCRIPTION OF THE MANEUVER AREAS ON THE INSTALLATION.

+-----+
DATA ELEMENT: 130099 EXCESS AREA
USED AS FIELD: AREAEXC IN SEGMENT: DART
DATA TYPE: INTEGER LENGTH: 6
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE AREA, IN ACRES, DECLARED EXCESS TO REQUIREMENTS BY COMPETENT
AUTHORITY.

+-----+
DATA ELEMENT: 130100 DATE AREA DECLARED EXCESS
USED AS FIELD: DATEEXC IN SEGMENT: DART
DATA TYPE: INTEGER LENGTH: 6
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE DATE EXCESS AREA WAS DECLARED.

DATA ELEMENT: 130101 SHORTAGE AREA
USED AS FIELD: AREASHT IN SEGMENT: DART
DATA TYPE: INTEGER LENGTH: 6

DATA ELEMENT DEFINITION

THE AREA SHORTFALL AS DECLARED BY COMPETENT AUTHORITY.

DATA ELEMENT: 130102 DATE AREA SHORTAGE DECLARED
USED AS FIELD: DATESHT IN SEGMENT: DART
DATA TYPE: INTEGER LENGTH: 6

DATA ELEMENT DEFINITION

THE DATE AREA SHORTAGE WAS DECLARED.

DATA ELEMENT: 130105 TRANSIENT OFFICER BILLETING
USED AS FIELD: BOQ IN SEGMENT: FACILITY
DATA TYPE: INTEGER LENGTH: 6

DATA ELEMENT DEFINITION

THE AMOUNT OF BILLETING AVAILABLE FOR TRANSIENT OFFICERS.

DATA ELEMENT: 130106 TRANSIENT ENLISTED BILLETING
USED AS FIELD: BEQ IN SEGMENT: FACILITY
DATA TYPE: INTEGER LENGTH: 5

DATA ELEMENT DEFINITION

THE AMOUNT OF BILLETING AVAILABLE FOR TRANSIENT ENLISTED PERSONNEL.

DATA ELEMENT: 130107 MESSING FACILITIES
USED AS FIELD: MESS IN SEGMENT: FACILITY
DATA TYPE: INTEGER LENGTH: 5

DATA ELEMENT DEFINITION

THE AVAILABILITY OF MESSING FACILITIES, IN NUMBER OF PERSONS SERVED PER MEAL, AVAILABLE FOR NON-RESIDENT TRAINING UNITS.

DATA ELEMENT: 130108 MEDICAL FACILITY NAME
USED AS FIELD: MEDNAME IN SEGMENT: FACILITY
DATA TYPE: ALPHANUMERIC LENGTH: 30

DATA ELEMENT DEFINITION

THE NAME OF THE NEAREST MEDICAL FACILITY OR HOSPITAL.

+-----+
| DATA ELEMENT: 130109 MEDICAL FACILITY LOCATION
| USED AS FIELD: MEDLOC IN SEGMENT: FACILITY
| DATA TYPE: ALPHANUMERIC LENGTH: 25
+-----+

+-----+ | DATA ELEMENT DEFINITION | -----+

THE LOCATION (CITY NAME OR ON-SITE) OF THE NEAREST MEDICAL FACILITY OR HOSPITAL.

+-----+
| DATA ELEMENT: 130110 MEDICAL FACILITY DISTANCE
| USED AS FIELD: MEDDIST IN SEGMENT: FACILITY
| DATA TYPE: INTEGER LENGTH: 2
+-----+

+-----+ | DATA ELEMENT DEFINITION | -----+

THE DISTANCE TO THE NEAREST MEDICAL FACILITY OR HOSPITAL. MAY BE ON POST.

+-----+
| DATA ELEMENT: 130111 MEDICAL FACILITY BEDS
| USED AS FIELD: MEDBEDS IN SEGMENT: FACILITY
| DATA TYPE: INTEGER LENGTH: 4
+-----+

+-----+ | DATA ELEMENT DEFINITION | -----+

THE NUMBER OF PATIENT BEDS AT THE NEAREST MEDICAL FACILITY OR HOSPITAL.

+-----+
| DATA ELEMENT: 130112 DISPENSARY AVAILABILITY
| USED AS FIELD: DISPENSARY IN SEGMENT: FACILITY
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+

+-----+ | DATA ELEMENT DEFINITION | -----+

THE AVAILABILITY OF A DISPENSARY AT THE INSTALLATION.

+-----+
| DATA ELEMENT: 130113 ADMINISTRATIVE BUILDINGS
| USED AS FIELD: ADMINBLDG IN SEGMENT: FACILITY
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+

+-----+ | DATA ELEMENT DEFINITION | -----+

THE AVAILABILITY OF ADMINISTRATIVE BUILDINGS AT THE INSTALLATION FOR USE BY NON-RESIDENT TRAINING UNITS.

+-----+
| DATA ELEMENT: 130114 AMMUNITION STORAGE TYPE
| USED AS FIELD: AMMOSTORTYPE IN SEGMENT: FACILITY
| DATA TYPE: ALPHANUMERIC LENGTH: 3
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE CLASS OF AMMUNITION STORAGE AVAILABLE AT THE INSTALLATION.
VALID CLASSES OF AMMUNITION STORAGE ARE I, II, III, OR IV.
REF: DOD 5100.76-M, PHYSICAL SECURITY OF SENSITIVE CONVENTIONAL
ARMS, AMMUNITION, AND EXPLOSIVES.

+-----+
| DATA ELEMENT: 130115 AMMUNITION STORAGE CAPACITY
| USED AS FIELD: AMMOSTORCAP IN SEGMENT: FACILITY
| DATA TYPE: INTEGER LENGTH: 7
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE CAPACITY, IN SQUARE FEET, OF AMMUNITION STORAGE SPACE
AVAILABLE AT THE INSTALLATION.

+-----+
| DATA ELEMENT: 130116 COVERED STORAGE
| USED AS FIELD: COVSTORAGE IN SEGMENT: FACILITY
| DATA TYPE: INTEGER LENGTH: 6
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE AMOUNT OF COVERED STORAGE, IN SQUARE FEET, AVAILABLE FOR USE
BY NON-RESIDENT TRAINING UNITS.

+-----+
| DATA ELEMENT: 130117 AMMUNITION TRANSFER POINT AUTHORIZED
| USED AS FIELD: ATPAUTH IN SEGMENT: FACILITY
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

AN INDICATION AS TO WHETHER AN AMMUNITION TRANSFER POINT (ATP)
IS AUTHORIZED.

+-----+
| DATA ELEMENT: 130118 MAINTENANCE BUILDINGS
| USED AS FIELD: MAINBLDG IN SEGMENT: FACILITY
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE AVAILABILITY OF MAINTENANCE BUILDINGS FOR NON-RESIDENT
TRAINING UNITS.

DATA ELEMENT: 130119 YEAR AROUND USE
USED AS FIELD: YRAROUND IN SEGMENT: FACILITY
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION THAT THE INSTALLATION/RANGES ARE USEABLE IN ALL SEASONS.

DATA ELEMENT: 130120 WATER SYSTEM CAPACITY
USED AS FIELD: WATERCAP IN SEGMENT: FACILITY
DATA TYPE: INTEGER LENGTH: 8

DATA ELEMENT DEFINITION

THE CAPACITY OF THE WATER SYSTEM IN GALLONS PER DAY, WHERE APPLICABLE. A CONSIDERATION FOR A LARGE INFLUX OF NON-RESIDENT TRAINING UNITS.

DATA ELEMENT: 130121 SEWAGE SYSTEM CAPACITY
USED AS FIELD: SEWAGECAP IN SEGMENT: FACILITY
DATA TYPE: INTEGER LENGTH: 8

DATA ELEMENT DEFINITION

THE CAPACITY OF THE SEWAGE SYSTEM IN GALLONS PER DAY, WHERE APPLICABLE. A CONSIDERATION FOR A LARGE INFLUX OF NON-RESIDENT TRAINING UNITS.

DATA ELEMENT: 130122 BASIC BRANCH OR SPECIALTY
USED AS FIELD: BRANCH IN SEGMENT: BRCHSEG
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

A CODE FOR THE BRANCH(S) OF AN INDIVIDUAL SERVICE FOR WHICH A MANEUVER AREA PROVIDES SUITABLE TRAINING, E.G., INFANTRY, ARMOR, CORPS OF ENGINEERS, ETC. THE CODE IS DECODED BY A STATIC CROSS-REFERENCE TO THE BRANCH FILE (BRANCH).

DATA ELEMENT: 130123 ECHELON
USED AS FIELD: ECHELON IN SEGMENT: EXHSEG
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

A CODE FOR THE ECHELON FOR WHICH A MANEUVER AREA WILL PROVIDE SUITABLE TRAINING, E.G., COMPANY, BATTALION, ETC. NORMAL USED IN CONJUNCTION WITH THE BRANCH FIELD. THIS CODE IS DECODED BY A STATIC CROSS-REFERENCE TO THE ECHELON FILE (ECHELON).

+-----+
| DATA ELEMENT: 130124 NUMBER OF ECHELONS
| USED AS FIELD: NBRECH IN SEGMENT: EXHSEG
| DATA TYPE: INTEGER LENGTH: 1
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE NUMBER OF ECHELONS (COMPANY, BATTALION, ETC.) THAT A
MANEUVER AREA MAY ACCOMODATE.

+-----+
| DATA ELEMENT: 130125 LOCAL TRAINING AREA NAME
| USED AS FIELD: LTANAME IN SEGMENT: LTA
| DATA TYPE: ALPHANUMERIC LENGTH: 30
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE NAME OF A DESIGNATED LOCAL TRAINING AREA (LTA). THESE ARE
DEFINED FOR THIS DATA BASE AS AREAS OUTSIDE THE INSTALLATION
AND NOT CONSIDERED PART OF ANOTHER INSTALLATION OR TRAINING SITE.
NORMALLY USED ONLY IN THE EUROPEAN ENVIRONMENT.

+-----+
| DATA ELEMENT: 130126 SIZE OF LOCAL TRAINING AREA
| USED AS FIELD: LTAAREA IN SEGMENT: LTA
| DATA TYPE: INTEGER LENGTH: 6
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE AREA, IN ACRES, ENCOMPASSED BY THE LOCAL TRAINING AREA.

+-----+
| DATA ELEMENT: 130127 DISTANCE TO LOCAL TRAINING AREA
| USED AS FIELD: LTADIST IN SEGMENT: LTA
| DATA TYPE: INTEGER LENGTH: 3
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE DISTANCE TO THE LOCAL TRAINING AREA.

+-----+
| DATA ELEMENT: 130128 OTHER LOCAL TRAINING AREAS
| USED AS FIELD: LTAOTH IN SEGMENT: LTAOTH
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

ANY ADDITIONAL INFORMATION ON LOCAL TRAINING AREAS.

DATA ELEMENT: 130129 REGION OF COUNTRY
USED AS FIELD: REGION IN SEGMENT: ADDRESS
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

THE ABBREVIATION FOR THE REGION OF A COUNTRY. THIS IS DEFINED AS AN INTERNATIONALLY RECOGNIZED LAND ENTITY THAT IS A GEOGRAPHICALLY SEPARATED PART OF A COUNTRY, OR TWO OR MORE CONTIGUOUS FIRST-ORDER ADMINISTRATIVE DIVISIONS OF A COUNTRY, INCLUDING ISLANDS IN DISPUTE. THE REGION CODE MAY BE DECODED BY A JOIN TO THE REGION FILE.

DATA ELEMENT: 130130 MANNING CATEGORY
USED AS FIELD: MANCAT IN SEGMENT: NGB
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

THE TROOP MOBILIZATION MANNING CATEGORY ASSIGNED TO A NATIONAL GUARD INSTALLATION BY THE NATIONAL GUARD BUREAU. VALUES ARE A THROUGH E.

DATA ELEMENT: 130131 TROOP CAPACITY SIZE
USED AS FIELD: TROOPCAP IN SEGMENT: NGB
DATA TYPE: INTEGER LENGTH: 4

DATA ELEMENT DEFINITION

THE MOBILIZATION TROOP CAPACITY OF A NATIONAL GUARD INSTALLATION AS DETERMINED BY THE NATIONAL GUARD BUREAU.

DATA ELEMENT: 130132 IMPACT AREA
USED AS FIELD: IMPAREA IN SEGMENT: AREA
DATA TYPE: INTEGER LENGTH: 5

DATA ELEMENT DEFINITION

THE TOTAL AREA, IN ACRES, OF THE INSTALLATION WHICH ARE DESIGNATED AS IMPACT AREAS.

DATA ELEMENT: 130133 MANEUVER AREA
USED AS FIELD: MVRAREA IN SEGMENT: AREA
DATA TYPE: INTEGER LENGTH: 6

DATA ELEMENT DEFINITION

THE TOTAL AREA, IN ACRES, WHICH ARE AVAILABLE AS MANEUVER AREAS.

DATA ELEMENT: 130134 HELIPORT AVAILABILITY		
USED AS FIELD: HELO	IN SEGMENT: AREA	
DATA TYPE: ALPHANUMERIC	LENGTH: 1	
DATA ELEMENT DEFINITION		

THE AVAILABILITY OF A HELIPORT AT THE INSTALLATION.

DATA ELEMENT: 130143 AIRFIELD NUMBER		
USED AS FIELD: AIRFLDNO	IN SEGMENT: AIRFIELD	
DATA TYPE: INTEGER	LENGTH: 1	
DATA ELEMENT DEFINITION		

A SEQUENTIAL NUMBER ASSIGNED TO EACH AIRFIELD AT AN INSTALLATION FOR SORTING AND FILE MANAGEMENT PURPOSES.

DATA ELEMENT: 130329 INTERNAL COMMENTS		
USED AS FIELD:	INTCMTS	IN SEGMENT: ADDRESS
DATA TYPE:	ALPHANUMERIC	LENGTH: 70
DATA ELEMENT DEFINITION		

ANY COMMENTS DESIGNED FOR INTERNAL COLLECTIVE & JOINT TRAINING
USE ONLY.

DATA ELEMENT: 130330	NATIONAL GUARD FACILITY ID. NO.
USED AS FIELD: ARNGID	IN SEGMENT: NGB
DATA TYPE: INTEGER	LENGTH: 5
DATA ELEMENT DEFINITION	

A NUMERIC IDENTIFIER ASSIGNED TO A NATIONAL GUARD FACILITY BY THE NATIONAL GUARD BUREAU.

DATA ELEMENT: 130331 CLIMATE TYPE	
USED AS FIELD: CLIMATE	IN SEGMENT: AREA
DATA TYPE: ALPHANUMERIC	LENGTH: 1
DATA ELEMENT DEFINITION	

AN INDICATION OF THE GENERAL CLIMATE AT THE INSTALLATION.
CATEGORIES ARE: SEASONAL, TROPIC, TEMPERATE, ARTIC, DESERT.

DATA ELEMENT: 130332 POC TYPE
USED AS FIELD: POCTYP IN SEGMENT: POC
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

THE DESCRIPTION OF THE TYPE OF POINT OF CONTACT CONTAINED IN THE
FILE. CATEGORIES ARE: PRIMARY RANGE POC, OTHER RANGE POC,
TRAINING AREA/FACILITY POC, INSTALLATION POC, ENCROACHMENT
ADVOCATE, AND ENCROACHMENT INSTALLATION POC.

DATA ELEMENT: 130333 POC COMMERCIAL TELEPHONE NUMBER
USED AS FIELD: POCCOMLFON IN SEGMENT: POC
DATA TYPE: ALPHANUMERIC LENGTH: 30

DATA ELEMENT DEFINITION

THE COMMERCIAL TELEPHONE NUMBER FOR THE POC.

DATA ELEMENT: 130334 POC AUTOVON TELEPHONE NUMBER
USED AS FIELD: POCAVFON IN SEGMENT: POC
DATA TYPE: ALPHANUMERIC LENGTH: 30

DATA ELEMENT DEFINITION

THE AUTOVON TELEPHONE NUMBER FOR THE POC.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0012 LAND WARFARE RANGES

DATA ELEMENT: 130001 INSTALLATION ID NUMBER
USED AS FIELD: INSID IN SEGMENT: RNGDAT
DATA TYPE: INTEGER LENGTH: 5

DATA ELEMENT DEFINITION

AN INSTALLATION IDENTIFICATION NUMBER ASSIGNED TO EACH
INSTALLATION BY THE TPDC FILE MANAGER. THIS DATA ELEMENT IS A
LINKING DATA ELEMENT TO OTHER TPDC CORPORATE FILES.

DATA ELEMENT: 130122 BASIC BRANCH OR SPECIALTY
USED AS FIELD: BRANCH IN SEGMENT: BRCHSEG
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

A CODE FOR THE BRANCH(S) OF AN INDIVIDUAL SERVICE FOR WHICH A
MANEUVER AREA PROVIDES SUITABLE TRAINING, E.G., INFANTRY, ARMOR,
CORPS OF ENGINEERS, ETC. THE CODE IS DECODED BY A STATIC
CROSS-REFERENCE TO THE BRANCH FILE (BRANCH).

DATA ELEMENT: 130123 ECHELON
USED AS FIELD: ECHELON IN SEGMENT: UNITSIZE
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

A CODE FOR THE ECHELON FOR WHICH A MANEUVER AREA WILL PROVIDE
SUITABLE TRAINING, E.G., COMPANY, BATTALION, ETC. NORMAL USED
IN CONJUNCTION WITH THE BRANCH FIELD. THIS CODE IS DECODED BY
A STATIC CROSS-REFERENCE TO THE ECHELON FILE (ECHELON).

DATA ELEMENT: 130124 NUMBER OF ECHELONS
USED AS FIELD: ECHNBR IN SEGMENT: UNITSIZE
DATA TYPE: INTEGER LENGTH: 1

DATA ELEMENT DEFINITION

THE NUMBER OF ECHELONS (COMPANY, BATTALION, ETC.) THAT A
MANEUVER AREA MAY ACCOMODATE.

+-----+
DATA ELEMENT: 130145 RANGE NAME/NUMBER
USED AS FIELD: RANGENAME IN SEGMENT: RANGE
DATA TYPE: ALPHANUMERIC LENGTH: 30
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE NAME OR NUMBER ASSIGNED TO A RANGE. IF NO NAME OR NUMBER IS ASSIGNED TO THE RANGE, A NUMBER IS ASSIGNED BY TPDC FOR SORTING AND CONTROL PURPOSES.

+-----+
DATA ELEMENT: 130146 TYPE OF FACILITY
USED AS FIELD: TYPEFAC IN SEGMENT: RINFO
DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

EACH RANGE IS CURRENTLY CLASSIFIED INTO ONE OF THE FOLLOWING CATEGORIES: FIRING RANGE, NON-FIRING RANGE, OR ARTILLERY/MORTAR RANGE/OBSERVATION POINT (SURVEYED OR DESIGNATED).

+-----+
DATA ELEMENT: 130147 INDOOR/OUTDOOR FACILITY
USED AS FIELD: INDOOROUT IN SEGMENT: RINFO
DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

AN INDICATION AS TO WHETHER THE RANGE/FACILITY IS AN INDOOR OR OUTDOOR FACILITY.

+-----+
DATA ELEMENT: 130148 FIRING POINTS
USED AS FIELD: FIRINGPTS IN SEGMENT: RINFO
DATA TYPE: INTEGER LENGTH: 3
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE NUMBER OF FIRING POINTS, LANES, BAYS, OR POSITIONS, WHERE APPLICABLE, ON THE RANGE.

+-----+
DATA ELEMENT: 130149 STATUS
USED AS FIELD: RNGSTATUS IN SEGMENT: RINFO
DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE CURRENT STATUS OF THE RANGE, TRAINING AREA, OR TRAINING FACILITY. CATEGORIES ARE ACTIVE, INACTIVE, LIMITED USE, DEACTIVATED, UNDER CONSTRUCTION/MODERNIZATION, OR PLANNED.

+-----+
DATA ELEMENT: 130150 STATUS EXPLANATION
USED AS FIELD: STATUSEXPL1 IN SEGMENT: RINFO
DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

ANY COMMENTS CONCERNING THE STATUS OR CONDITION OF THE RANGE,
TRAINING AREA, OR TRAINING FACILITY.

+-----+
DATA ELEMENT: 130150 STATUS EXPLANATION
USED AS FIELD: STATUSEXPL2 IN SEGMENT: RINFO
DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

ANY COMMENTS CONCERNING THE STATUS OR CONDITION OF THE RANGE,
TRAINING AREA, OR TRAINING FACILITY.

+-----+
DATA ELEMENT: 130152 YEAR BUILT
USED AS FIELD: YRBUILD IN SEGMENT: RINFO
DATA TYPE: INTEGER LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE YEAR THE RANGE WAS BUILT (2 DIGITS ONLY).

+-----+
DATA ELEMENT: 130153 DEACTIVATED DATE
USED AS FIELD: DEACTIVE IN SEGMENT: RINFO
DATA TYPE: INTEGER LENGTH: 6
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE DATE A RANGE WAS DEACTIVATED.

+-----+
DATA ELEMENT: 130154 RANGE, TRAINING AREA/FACILITY DESCRIPTN
USED AS FIELD: DESCRIP1 IN SEGMENT: RINFO
DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

ANY TEXT DESCRIPTION OR COMMENTS, CONCERNING THE RANGE, TRAINING
AREA, OR TRAINING FACILITY NOT CONTAINED IN ANOTHER FIELD.

+-----+
DATA ELEMENT: 130154 RANGE, TRAINING AREA/FACILITY DESCRIPTN
USED AS FIELD: DESCRIP2 IN SEGMENT: RINFO
DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

ANY TEXT DESCRIPTION OR COMMENTS, CONCERNING THE RANGE, TRAINING
AREA, OR TRAINING FACILITY NOT CONTAINED IN ANOTHER FIELD.

+-----+
| DATA ELEMENT: 130156 SMALL CALIBER USE
| USED AS FIELD: SMALLCALUSE IN SEGMENT: RINFO
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+-----+ DATA ELEMENT DEFINITION |-----+

AN INDICATION THAT THE RANGE IS USED AS AN INDIVIDUAL WEAPONS TRAINING RANGE. THIS FIELD IS USED FOR SORTING AND RETREIVAL PURPOSES FOR PRINTING OF INDIVIDUAL WEAPONS TRAINING RANGES DIRECTORIES.

+-----+
| DATA ELEMENT: 130157 RANGE NAME, LONG
| USED AS FIELD: RNGNAME IN SEGMENT: DARTINFO
| DATA TYPE: ALPHANUMERIC LENGTH: 60
+-----+-----+ DATA ELEMENT DEFINITION |-----+

AN EXPANDED RANGE NAME AS USED IN THE DIRECTORATE OF ARMY RANGES AND TARGETS (DART) DATA BASE.

+-----+
| DATA ELEMENT: 130158 RANGE NAME, SHORT
| USED AS FIELD: RNGNAME SH IN SEGMENT: DARTINFO
| DATA TYPE: ALPHANUMERIC LENGTH: 8
+-----+-----+ DATA ELEMENT DEFINITION |-----+

A SHORTENED VERSION OF THE RANGE NAME AS USED IN THE DIRECTORATE OF ARMY RANGES AND TARGETS (DART) DATA BASE.

+-----+
| DATA ELEMENT: 130159 ELECTRICAL POWER AVAILABILITY
| USED AS FIELD: ELECTRIC IN SEGMENT: RINFOEX
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+-----+ DATA ELEMENT DEFINITION |-----+

AN INDICATION AS TO THE AVAILABILITY OF ELECTRICAL POWER ON THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130160 ELECTRICAL TRUNK DISTANCE
| USED AS FIELD: ELECTRKNK IN SEGMENT: RINFOEX
| DATA TYPE: ALPHANUMERIC LENGTH: 30
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE DISTANCE TO THE NEAREST ELECTRICAL TRUNK, WHERE ELECTRICITY IS NOT AVAILABLE ON THE RANGE OR TRAINING AREA.

```

+-----+
| DATA ELEMENT: 130161  USEABLE FIRING POINTS |
| USED AS FIELD: USABLEPTS      IN SEGMENT: DARTINFO |
| DATA TYPE: INTEGER              LENGTH: 3 |
+-----+-----+ DATA ELEMENT DEFINITION |-----+

```

THE NUMBER OF USABLE FIRING POINTS ON A RANGE.

```

+-----+
| DATA ELEMENT: 130162  UNUSEABLE FIRING POINTS |
| USED AS FIELD: NONUSEPTS      IN SEGMENT: DARTINFO |
| DATA TYPE: INTEGER              LENGTH: 3 |
+-----+-----+ DATA ELEMENT DEFINITION |-----+

```

THE NUMBER OF NON-USABLE FIRING POINTS ON A RANGE.

```

+-----+
| DATA ELEMENT: 130163  AMMUNITION BREAKDOWN BUILDINGS |
| USED AS FIELD: AMMOBRKDN      IN SEGMENT: RINFOEX |
| DATA TYPE: INTEGER              LENGTH: 2 |
+-----+-----+ DATA ELEMENT DEFINITION |-----+

```

THE NUMBER OF AMMUNITION BREAKDOWN BUILDINGS AT THE RANGE.

```

+-----+
| DATA ELEMENT: 130164  BLEACHER SETS |
| USED AS FIELD: BLEACHERS      IN SEGMENT: RINFOEX |
| DATA TYPE: INTEGER              LENGTH: 2 |
+-----+-----+ DATA ELEMENT DEFINITION |-----+

```

THE NUMBER OF BLEACHER SETS AT THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

```

+-----+
| DATA ELEMENT: 130165  BIVOUAC SITES |
| USED AS FIELD: BIVOUAC      IN SEGMENT: RINFOEX |
| DATA TYPE: INTEGER              LENGTH: 2 |
+-----+-----+ DATA ELEMENT DEFINITION |-----+

```

THE NUMBER OF BIVOUAC SITES AT THE RANGE OR TRAINING AREA.

```

+-----+
| DATA ELEMENT: 130166  CLASSROOM BUILDINGS |
| USED AS FIELD: CLASSROOM      IN SEGMENT: RINFOEX |
| DATA TYPE: INTEGER              LENGTH: 2 |
+-----+-----+ DATA ELEMENT DEFINITION |-----+

```

THE NUMBER OF CLASSROOM BUILDINGS AT THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130167 CONTROL TOWERS
| USED AS FIELD: TOWER IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 2
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE NUMBER OF CONTROL TOWERS AT THE RANGE, TRAINING AREA, OR
TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130168 LATRINES
| USED AS FIELD: LATRINE IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 2
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE NUMBER OF LATRINES/HEADS AT THE RANGE, TRAINING AREA, OR
TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130169 COVERED MESSING AREAS
| USED AS FIELD: COVMESS IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 2
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE NUMBER OF COVERED MESSING AREAS AT THE RANGE OR TRAINING
AREA.

+-----+
| DATA ELEMENT: 130170 PARKING AREAS
| USED AS FIELD: PARKAREA IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 2
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE NUMBER OF PARKING AREAS AT THE RANGE, TRAINING AREA, OR
TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130171 TARGET/UTILITY SHEDS
| USED AS FIELD: SHEDS IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 2
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE NUMBER OF TARGET OR UTILITY SHEDS AT THE RANGE, TRAINING
AREA, OR TRAINING FACILITY.

DATA ELEMENT: 130172 WATER SYSTEM
USED AS FIELD: WATERSYS IN SEGMENT: RINFOEX
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION AS TO THE AVAILABILITY OF A WATER SYSTEM ON THE RANGE, TRAINING AREA OR TRAINING FACILITY.

DATA ELEMENT: 130173 OTHER STRUCTURES
USED AS FIELD: OTHER IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE NUMBER OF OTHER STRUCTURES NOT NAMED ELSEWHERE AT THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

A DESCRIPTION OF THESE OTHER STRUCTURES IS CONTAINED IN THE OTHER STRUCTURES DESCRIPTION DATA ELEMENTS.

DATA ELEMENT: 130174 OTHER STRUCTURES DESCRIPTION
USED AS FIELD: OTHDESCR1 IN SEGMENT: RINFOEX
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE FIRST LINE OF A DESCRIPTION OF OTHER STRUCTURES. SEE DATA ELEMENT DATA STRUCTURES, OTHER AND STRUCTURES, OTHER DESCRIPTION (LINE 2).

DATA ELEMENT: 130174 OTHER STRUCTURES DESCRIPTION
USED AS FIELD: OTHDESCR2 IN SEGMENT: RINFOEX
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE FIRST LINE OF A DESCRIPTION OF OTHER STRUCTURES. SEE DATA ELEMENT DATA STRUCTURES, OTHER AND STRUCTURES, OTHER DESCRIPTION (LINE 2).

DATA ELEMENT: 130176 MILITARY CONSTRUCTION NUMBER
USED AS FIELD: MCNUMBER IN SEGMENT: MILCON
DATA TYPE: ALPHANUMERIC LENGTH: 15

DATA ELEMENT DEFINITION

THE MILITARY CONSTRUCTION PROJECT NUMBER.

DATA ELEMENT: 130177 MILITARY CONSTRUCTION TITLE
USED AS FIELD: MCTITLE IN SEGMENT: MILCON
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE MILITARY CONSTRUCTION PROJECT TITLE.

DATA ELEMENT: 130178 MILITARY CONSTRUCTION DESCRIPTION
USED AS FIELD: MCDESCRIP IN SEGMENT: MILCON
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE MILITARY CONSTRUCTION PROJECT SHORT DESCRIPTION.

DATA ELEMENT: 130179 MILITARY CONSTRUCTION FISCAL YEAR
USED AS FIELD: MCFYCONST IN SEGMENT: MILCON
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE FISCAL YEAR IN WHICH THE MILITARY CONSTRUCTION PROJECT IS PROGRAMMED.

DATA ELEMENT: 130180 MILITARY CONSTRUCTION FY SCHEDULED COMP.
USED AS FIELD: MCFYCOMPL IN SEGMENT: MILCON
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE FISCAL YEAR IN WHICH THE MILITARY CONSTRUCTION PROJECT IS SCHEDULED TO BE COMPLETED.

DATA ELEMENT: 130181 MILITARY CONSTRUCTION FY COMPLETION
USED AS FIELD: MCACTCOMPL IN SEGMENT: MILCON
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE ACTUAL COMPLETION DATE OF THE MILITARY CONTRUCTION.

DATA ELEMENT: 130182 MILITARY CONSTRUCTION STATUS
USED AS FIELD: MCSTATUS IN SEGMENT: MILCON
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE CURRENT STATUS, IN PERCENT, OF THE MILITARY CONSTRUCTION.

+-----+
| DATA ELEMENT: 130183 MILITARY CONSTRUCTION REMARKS
| USED AS FIELD: MCREMARKS IN SEGMENT: MILCON
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+

| DATA ELEMENT DEFINITION |-----+

ANY REMARKS CONCERNING THE MILITARY CONSTRUCTION.

+-----+
| DATA ELEMENT: 130184 MILITARY CONSTRUCTION RANGE CATEGORY
| USED AS FIELD: MCRANGECAT IN SEGMENT: MILCON
| DATA TYPE: ALPHANUMERIC LENGTH: 5
+-----+

| DATA ELEMENT DEFINITION |-----+

THE ARMY RANGE CATEGORY CODE THAT MAY BE APPLICABLE UPON
COMPLETION OF THE MILITARY CONSTRUCTION.

+-----+
| DATA ELEMENT: 130185 MILITARY CONSTRUCTION STANDARDIZED RNG.
| USED AS FIELD: MCSTD IN SEGMENT: MILCON
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+

| DATA ELEMENT DEFINITION |-----+

AN INDICATION THAT THE MILITARY CONSTRUCTION MEETS PUBLISHED
STANDARDS OR ELSE IS A MODIFICATION TO THOSE STANDARDS.

+-----+
| DATA ELEMENT: 130187 MILITARY CONSTRUCTION ESTIMATED COST
| USED AS FIELD: ESTCOST IN SEGMENT: MILCON
| DATA TYPE: DOUBLE PRECISION LENGTH: 9
+-----+

| DATA ELEMENT DEFINITION |-----+

THE ESTIMATED COST OF THE MILITARY CONSTRUCTION.

+-----+
| DATA ELEMENT: 130188 MILITARY CONSTRUCTION FUNDS
| USED AS FIELD: FUNDS IN SEGMENT: MILCON
| DATA TYPE: ALPHANUMERIC LENGTH: 6
+-----+

| DATA ELEMENT DEFINITION |-----+

THE TYPE OF FUNDS PROGRAMMED FOR THE MILITARY CONSTRUCTION.

+-----+
| DATA ELEMENT: 130191 RANGE USE LINE NUMBER
| USED AS FIELD: CODESEQ IN SEGMENT: USES
| DATA TYPE: INTEGER LENGTH: 2
+-----+

| DATA ELEMENT DEFINITION |-----+

A SEQUENTIAL NUMBER ASSIGNED TO EACH OF THE RANGE USE CODES FOR
SORTING AND RETRIVAL PURPOSES. IF THE RANGE USE LINE NUMBER
EQUALS "1," THE RANGE USE IS CONSIDERED THE PRIMARY USE. ALL
OTHER LINE NUMBERS ARE USED WITH ALTERNATE USES OF THE RANGE.

```
+-----+
| DATA ELEMENT: 130192  RANGE USE CODE
| USED AS FIELD: USECODE      IN SEGMENT: USES
| DATA TYPE: INTEGER          LENGTH: 4
+-----+-----+ DATA ELEMENT DEFINITION |-----+
```

A USE CODE ASSIGNED TO EACH USE FOR AN INDIVIDUAL RANGE. THIS CODE IS DECODED TO THE RANGE USE DESCRIPTION BY A STATIC CROSS-REFERENCE TO THE RANGE USES FILE.

```
+-----+
| DATA ELEMENT: 130194  RANGE USE DESCRIPTION
| USED AS FIELD: USE      IN SEGMENT: USES
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+
```

A DESCRIPTION OF THE USE OF THE RANGE. THIS DESCRIPTION MAY VARY SLIGHTLY FROM THE RANGE USE DECODED FROM THE RANGE USE CODE.

```
+-----+
| DATA ELEMENT: 130196  WEAPONS CODE
| USED AS FIELD: WEAPCODE IN SEGMENT: WEPS
| DATA TYPE: INTEGER     LENGTH: 3
+-----+-----+ DATA ELEMENT DEFINITION |-----+
```

A WEAPONS AUTHORIZED FOR USE CODE ASSIGNED TO WEAPONS WHICH MAY BE FIRED OR USED ON A PARTICULAR RANGE. THIS CODE MAY BE DECODED TO THE WEAPONS DESCRIPTION BY A STATIC CROSS-REFERENCE TO THE WEAPONS FILE.

```
+-----+
| DATA ELEMENT: 130197  WEAPONS DESCRIPTION
| USED AS FIELD: WEAP    IN SEGMENT: WEPS
| DATA TYPE: ALPHANUMERIC LENGTH: 50
+-----+-----+ DATA ELEMENT DEFINITION |-----+
```

A SHORT DESCRIPTION OF THE WEAPON AUTHORIZED.

```
+-----+
| DATA ELEMENT: 130199  AMMUNITION CODE
| USED AS FIELD: AMMOCODE IN SEGMENT: AMMO
| DATA TYPE: INTEGER     LENGTH: 3
+-----+-----+ DATA ELEMENT DEFINITION |-----+
```

AN AMMUNITION CODE ASSIGNED TO EACH AMMUNITION OR ORDNANCE THAT MAY BE FIRED OR USED ON A PARTICULAR RANGE. THIS CODE MAY BE DECODED TO THE AMMUNITION DESCRIPTION BY A STATIC CROSS-REFERENCE TO THE AMMUNITION FILE.

DATA ELEMENT: 130200 AMMUNITION DESCRIPTION
USED AS FIELD: AMMO IN SEGMENT: AMMO
DATA TYPE: ALPHANUMERIC LENGTH: 20

DATA ELEMENT DEFINITION

A SHORT DESCRIPTION OF THE AMMUNITION OR ORDNANCE AUTHORIZED.

DATA ELEMENT: 130201 FUTURE WEAPONS NAME
USED AS FIELD: NEWWEAP IN SEGMENT: NWEAP
DATA TYPE: ALPHANUMERIC LENGTH: 50

DATA ELEMENT DEFINITION

ANY WEAPONS PLANNED FOR USE ON THE RANGE IN THE FUTURE.

DATA ELEMENT: 130202 FUTURE AMMUNITION NAME
USED AS FIELD: NEWAMMO IN SEGMENT: NAMMO
DATA TYPE: ALPHANUMERIC LENGTH: 20

DATA ELEMENT DEFINITION

ANY AMMUNITION PLANNED FOR USE ON THE RANGE IN THE FUTURE.

DATA ELEMENT: 130204 RESTRICTIONS/COMMENTS
USED AS FIELD: RESTTEXT IN SEGMENT: RESTINFO
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

ANY RESTRICTIONS OR COMMENTS CONCERNING THE RANGE OR TRAINING
AREA/FACILITY.

DATA ELEMENT: 130221 TARGET NAME
USED AS FIELD: TSDNAME IN SEGMENT: TSDINFO
DATA TYPE: ALPHANUMERIC LENGTH: 30

DATA ELEMENT DEFINITION

THE NAME OR TYPE OF TARGET, DEVICE, OR SIMULATOR AVAILABLE ON
THE RANGE.

DATA ELEMENT: 130222 TARGET QUANTITY
USED AS FIELD: TSDQUANT IN SEGMENT: TSDINFO
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE NUMBER OF A PARTICULAR TYPE OF TARGET, DEVICE OR SIMULATOR
ON THE RANGE.

DATA ELEMENT: 130223 TARGET POWER REQUIREMENTS
USED AS FIELD: TSDPOWER IN SEGMENT: TSDINFO
DATA TYPE: ALPHANUMERIC LENGTH: 7

DATA ELEMENT DEFINITION

THE ELECTRICAL POWER REQUIREMENTS, IF APPLICABLE, FOR A PARTICULAR TYPE OF TARGET, DEVICE OR SIMULATOR ON THE RANGE.

DATA ELEMENT: 130224 TARGET CONDITION
USED AS FIELD: TSDCOND IN SEGMENT: TSDINFO
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE CONDITION OF A PARTICULAR TYPE OF TARGET, DEVICE, OR SIMULATOR ON THE RANGE.

DATA ELEMENT: 130225 TARGET REMARKS
USED AS FIELD: TSDREMARKS IN SEGMENT: TSDINFO
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

ANY REMARKS CONCERNING A PARTICULAR TYPE OF TARGET, DEVICE, OR SIMULATOR ON THE RANGE.

DATA ELEMENT: 130327 NIGHT USE
USED AS FIELD: NIGHTUSE IN SEGMENT: RINFOEX
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION THAT A RANGE, TRAINING AREA, OR TRAINING FACILITY IS AUTHORIZED FOR NIGHT USE.

DATA ELEMENT: 130328 LIGHTED RANGE/AREA
USED AS FIELD: LIGHTED IN SEGMENT: RINFOEX
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION THAT A RANGE, TRAINING AREA, OR TRAINING FACILITY IS LIGHTED.

DATA ELEMENT: 130335 COMMUNICATION SYSTEMS CATEGORY
USED AS FIELD: COMMSYS IN SEGMENT: RINFO
DATA TYPE: ALPHANUMERIC LENGTH: 4

DATA ELEMENT DEFINITION

THE TYPES OF COMMUNICATION SYSTEMS AVAILABLE AT THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

DATA ELEMENT: 130337 RANGE/TRAINING AREA DESCRIPTION
USED AS FIELD: SIZEDISC IN SEGMENT: RINFO
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

A TEXT DESCRIPTION OF THE SIZE OF THE RANGE OR TRAINING AREA.

DATA ELEMENT: 130341 LASER SAFE
USED AS FIELD: LASER IN SEGMENT: RINFOEX
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION THAT THE RANGE, TRAINING AREA, OR TRAINING FACILITY IS LASER SAFE.

DATA ELEMENT: 130342 LASER COMMENTS
USED AS FIELD: LASERCOMMENT IN SEGMENT: RINFOEX
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

ANY COMMENTS CONCERNING USE OF LASERS ON THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

DATA ELEMENT: 130343 MANEUVERS AUTHORIZED
USED AS FIELD: MANEUVERAUTH IN SEGMENT: RINFOEX
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION AS TO WHETHER MANEUVERING OF TROOPS OR VEHICLES IS ALLOWED ON THE RANGE OR TRAINING AREA.

DATA ELEMENT: 130344 PETROLEUM OIL LUBRICANTS (POL) DISTANCE
USED AS FIELD: POLDIST IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE DISTANCE TO THE NEAREST POL DISTRIBUTION POINT.

DATA ELEMENT: 130345 RATIONS DISTANCE
USED AS FIELD: RATDIST IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE DISTANCE TO THE NEAREST RATIONS DISTRIBUTION POINT.

DATA ELEMENT: 130346 AMMUNITION DISTANCE
USED AS FIELD: AMMODIST IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE DISTANCE TO THE NEAREST AMMUNITION DISTRIBUTION POINT.

DATA ELEMENT: 130347 LAND ACCESS ROUTES
USED AS FIELD: LANDACCESS IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE NUMBER OF LAND ACCESS ROUTES TO A FIRE AND MANEUVER RANGE OR FOR A TACTICAL TRAINING AREA.

DATA ELEMENT: 130348 WATER ACCESS ROUTES
USED AS FIELD: WATRACCESS IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE NUMBER OF WATER ACCESS ROUTES TO A FIRE AND MANEUVER RANGE OR A TACTICAL TRAINING AREA.

DATA ELEMENT: 130349 AIR INGRESS ROUTES
USED AS FIELD: AIRINGRESS IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE NUMBER OF AIR INGRESS ROUTES TO A RANGE OR TACTICAL TRAINING AREA.

DATA ELEMENT: 130350 AIR EGRESS ROUTES
USED AS FIELD: AIREGRESS IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE NUMBER OF AIR EGRESS ROUTES FROM A RANGE OR TACTICAL TRAINING AREA.

DATA ELEMENT: 130351 BEACH ACCESS ROUTES
USED AS FIELD: BCHACCESS IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE NUMBER OF BEACH ACCESS ROUTES TO A FIRE AND MANEUVER RANGE OR A TACTICAL TRAINING AREA.

DATA ELEMENT: 130352 PERCENT OF ROCKY SOIL
USED AS FIELD: SLROCK IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE PERCENT OF ROCKY SOIL FOR A FIRE AND MANEUVER RANGE OR A
TACTICAL TRAINING AREA.

DATA ELEMENT: 130353 PERCENT OF SANDY SOIL
USED AS FIELD: SLSAND IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE PERCENT OF SANDY SOIL FOR A FIRE AND MANEUVER RANGE OR A
TACTICAL TRAINING AREA.

DATA ELEMENT: 130354 PERCENT OF CLAY SOIL
USED AS FIELD: SLCLAY IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE PERCENT OF CLAY SOIL FOR A FIRE AND MANEUVER RANGE OR
TACTICAL TRAINING AREA.

DATA ELEMENT: 130355 PERCENT OF SWAMP/MARSH SOIL
USED AS FIELD: SLSWAMP IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE PERCENT OF SWAMP OR MARSHY SOIL FOR A FIRE AND MANEUVER
RANGE OF TACTICAL TRAINING AREA.

DATA ELEMENT: 130356 PERCENT OF LOAMY SOIL
USED AS FIELD: SLLOAMY IN SEGMENT: RINFOEX
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

THE PERCENT OF LOAMY SOIL FOR A FIRE AND MANEUVER RANGE OR
TACTICAL TRAINING AREA.

+-----+
| DATA ELEMENT: 130357 PERCENT OF OTHER SOIL
| USED AS FIELD: SLOTHER IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 3
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE PERCENT OF SOIL, NOT LISTED ELSEWHERE, FOR A FIRE AND
MANEUVER RANGE OR TACTICAL TRAINING AREA. THE TYPE OF SOIL WILL
BE DESCRIBED IN "OTHER SOIL DESCRIPTION."

+-----+
| DATA ELEMENT: 130358 OTHER SOIL DESCRIPTION
| USED AS FIELD: OTHRDESC IN SEGMENT: RINFOEX
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

A DESCRIPTION OF SOIL, NOT LISTED ELSEWHERE, FOR A FIRE AND
MANEUVER RANGE OR TACTICAL TRAINING AREA. THE PERCENT OF THIS
SOIL TYPE IS SHOWN IN "PERCENT OF OTHER SOIL."

+-----+
| DATA ELEMENT: 130359 PERCENT OF MOUNTAINOUS TERRAIN
| USED AS FIELD: TRMOUNT IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 3
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE PERCENT OF MOUNTAINOUS TERRAIN FOR A FIRE AND MANEUVER RANGE
OR TACTICAL TRAINING AREA.

+-----+
| DATA ELEMENT: 130360 PERCENT OF HILLY TERRAIN
| USED AS FIELD: TRHILLY IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 3
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE PERCENT OF HILLY TERRAIN FOR A FIRE AND MANEUVER RANGE OR
TACTICAL TRAINING AREA.

+-----+
| DATA ELEMENT: 130361 PERCENT OF ROLLING TERRAIN
| USED AS FIELD: TRROLLING IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 3
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE PERCENT OF ROLLING TERRAIN FOR A FIRE AND MANEUVER RANGE OR
TACTICAL TRAINING AREA.

+-----+
| DATA ELEMENT: 130362 PERCENT OF DESERT TERRAIN
| USED AS FIELD: TRDESERT IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 3
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE PERCENT OF DESERT TERRAIN FOR A FIRE AND MANEUVER RANGE OR
TACTICAL TRAINING AREA.

+-----+
| DATA ELEMENT: 130363 PERCENT OF BEACH TERRAIN
| USED AS FIELD: TRBEACH IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 3
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE PERCENT OF BEACH TERRAIN FOR A FIRE AND MANEUVER RANGE OR
TACTICAL TRAINING AREA.

+-----+
| DATA ELEMENT: 130364 PERCENT OF LEVEL TERRAIN
| USED AS FIELD: TRLEVEL IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 3
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE PERCENT OF LEVEL OR FLAT TERRAIN FOR A FIRE AND MANEUVER
RANGE OR TACTICAL TRAINING AREA.

+-----+
| DATA ELEMENT: 130365 PERCENT OF WATER
| USED AS FIELD: TRWATER IN SEGMENT: RINFOEX
| DATA TYPE: INTEGER LENGTH: 3
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE PERCENT OF WATER AREA, SUCH AS LAKES, FOR A FIRE AND
MANEUVER RANGE OR TACTICAL TRAINING AREA.

+-----+
| DATA ELEMENT: 130367 SPECIAL USE AIRSPACE NAME
| USED AS FIELD: SUANAME IN SEGMENT: SUA
| DATA TYPE: ALPHANUMERIC LENGTH: 26
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE NAME OF ANY SPECIAL USE AIRSPACES, RESTRICTED AREAS, WARNING
AREAS, OR MILITARY OPERATIONS AREAS (MOA), USE IN CONJUNCTION
WITH THE RANGE OR TACTICAL TRAINING AREA.

+-----+
DATA ELEMENT: 130401 TARGET/SIMULATOR/DEVICE KEY
USED AS FIELD: TSDTYPE IN SEGMENT: TSDAOC
DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+-----+ DATA ELEMENT DEFINITION |-----+

AN INDICATION AS TO WHETHER THE FOLLOWING DATA PERTAINS TO A
TARGET, SIMULATOR, OR DEVICE ON THE RANGE.

+-----+
DATA ELEMENT: 130409 MAP COORDINATE
USED AS FIELD: COORDINATE IN SEGMENT: RINFO
DATA TYPE: ALPHANUMERIC LENGTH: 10
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE 1:50000 MAP COORDINATE FOR THE RANGE OR TRAINING AREA.

+-----+
DATA ELEMENT: 130410 PRIMARY DIRECTION OF FIRE
USED AS FIELD: PRIM_DOF IN SEGMENT: RINFO
DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE PRIMARY DIRECTION OF FIRE ON THE RANGE.

+-----+
DATA ELEMENT: 130418 RESTRICTIONS/COMMENTS KEY
USED AS FIELD: RESTRAOC IN SEGMENT: RESTR
DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+-----+ DATA ELEMENT DEFINITION |-----+

A KEY TO DETERMINE THE CATEGORY OF RESTICTION OR COMMENT FOR
WHICH TEXT IS PROVIDED.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0013 RANGE USES

DATA ELEMENT: 130192 RANGE USE CODE
USED AS FIELD: RNGUSECODE IN SEGMENT: ONE
DATA TYPE: INTEGER LENGTH: 4

DATA ELEMENT DEFINITION

A USE CODE ASSIGNED TO EACH USE FOR AN INDIVIDUAL RANGE. THIS CODE IS DECODED TO THE RANGE USE DESCRIPTION BY A CROSS-REFERENCE TO THE RANGE USES FILE.

DATA ELEMENT: 130193 RANGE CATEGORY CODE
USED AS FIELD: RNGCATCODE IN SEGMENT: ONE
DATA TYPE: ALPHANUMERIC LENGTH: 5

DATA ELEMENT DEFINITION

A FIVE DIGIT CODE ASSIGNED TO STANDARDIZED RANGES OR TRAINING FACILITIES BY THE DEPARTMENT OF THE ARMY.

DATA ELEMENT: 130237 RANGE USE DESCRIPTION
USED AS FIELD: RNGUSEDESC IN SEGMENT: ONE
DATA TYPE: ALPHANUMERIC LENGTH: 60

DATA ELEMENT DEFINITION

A DESCRIPTION OF THE USES A RANGE MAY BE USED FOR. THIS DATA ELEMENT IS A DECODE FIELD FOR THE RANGE USE CODE.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0014 REGION

DATA ELEMENT: 130012 COUNTRIES OF THE WORLD
USED AS FIELD: KOUNTRYCODE IN SEGMENT: REGCENTRY
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

THE ABBREVIATION FOR THE COUNTRY IN WHICH THE INSTALLATION IS LOCATED. THE COUNTRY CODE MAY BE DECODED BY A JOIN TO THE COUNTRY FILE.

DATA ELEMENT: 130129 REGION OF COUNTRY
USED AS FIELD: REGCODE IN SEGMENT: REGCENTRY
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

THE ABBREVIATION FOR THE REGION OF A COUNTRY. THIS IS DEFINED AS AN INTERNATIONALLY RECOGNIZED LAND ENTITY THAT IS A GEOGRAPHICALLY SEPARATED PART OF A COUNTRY, OR TWO OR MORE CONTIGUOUS FIRST-ORDER ADMINISTRATIVE DIVISIONS OF A COUNTRY, INCLUDING ISLANDS IN DISPUTE. THE REGION CODE MAY BE DECODED BY A JOIN TO THE REGION FILE.

DATA ELEMENT: 130254 REGION NAME
USED AS FIELD: REGNAME IN SEGMENT: REGCENTRY
DATA TYPE: ALPHANUMERIC LENGTH: 35

DATA ELEMENT DEFINITION

THE NAME OF A REGION OF A COUNTRY. THIS IS DEFINED AS AN INTERNATIONALLY RECOGNIZED LAND ENTITY THAT IS A GEOGRAPHICALLY SEPARATED PART OF A COUNTRY, OR TWO OR MORE CONTIGUOUS FIRST-ORDER ADMINISTRATIVE DIVISIONS OF A COUNTRY, INCLUDING ISLANDS IN DISPUTE. THIS FIELD DECODES THE REGION ABBREVIATION CONTAINED IN THE REGION FIELD OF THE INSTALLATIONS FILE.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0015 STATES

DATA ELEMENT: 130010 STATE ABBREVIATION
USED AS FIELD: STATEABBR IN SEGMENT: ONE
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

THE ABBREVIATED STATE ADDRESS OF THE INSTALLATION. FOR CANADIAN INSTALLATIONS, THIS FIELD CONTAINS THE CANADIAN PROVINCE ABBREVIATION. THE ABBREVIATIONS MAY BE DECODED BY A JOIN TO THE STATES FILE.

DATA ELEMENT: 130249 STATE NAME
USED AS FIELD: STATENAME IN SEGMENT: ONE
DATA TYPE: ALPHANUMERIC LENGTH: 25

DATA ELEMENT DEFINITION

THE NAME OF A STATE OF THE UNITED STATES OR OF A PROVINCE OF CANADA. THIS FIELD DECODES THE STATE OR PROVINCE ABBREVIATIONS.

DEFENSE INSTALLATION, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0016 UNIT TRAINING AREAS

DATA ELEMENT: 130001 INSTALLATION ID NUMBER
USED AS FIELD: INSTID IN SEGMENT: AREA
DATA TYPE: INTEGER LENGTH: 5

DATA ELEMENT DEFINITION

AN INSTALLATION IDENTIFICATION NUMBER ASSIGNED TO EACH
INSTALLATION BY THE TPDC FILE MANAGER. THIS DATA ELEMENT IS A
LINKING DATA ELEMENT TO OTHER TPDC CORPORATE FILES.

DATA ELEMENT: 130122 BASIC BRANCH OR SPECIALTY
USED AS FIELD: TABRANCH IN SEGMENT: UNITTYPE
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

A CODE FOR THE BRANCH(S) OF AN INDIVIDUAL SERVICE FOR WHICH A
MANEUVER AREA PROVIDES SUITABLE TRAINING, E.G., INFANTRY, ARMOR,
CORPS OF ENGINEERS, ETC. THE CODE IS DECODED BY A STATIC
CROSS-REFERENCE TO THE BRANCH FILE.

DATA ELEMENT: 130123 ECHELON
USED AS FIELD: TAECHELON IN SEGMENT: UNITSIZE
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

A CODE FOR THE ECHELON FOR WHICH A MANEUVER AREA WILL PROVIDE
SUITABLE TRAINING, E.G., COMPANY, BATTALION, ETC. NORMAL USED
IN CONJUNCTION WITH THE BRANCH FIELD. THIS CODE IS DECODED BY
A STATIC CROSS-REFERENCE TO THE ECHELON FILE.

DATA ELEMENT: 130124 NUMBER OF ECHELONS
USED AS FIELD: TANOECH IN SEGMENT: UNITSIZE
DATA TYPE: INTEGER LENGTH: 1

DATA ELEMENT DEFINITION

THE NUMBER OF ECHELONS (COMPANY, BATTALION, ETC.) THAT A
MANEUVER AREA MAY ACCOMODATE.

+-----+
| DATA ELEMENT: 130149 STATUS
| USED AS FIELD: STATUS IN SEGMENT: TINFO
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

THE CURRENT STATUS OF THE RANGE, TRAINING AREA, OR TRAINING FACILITY. CATEGORIES ARE ACTIVE, INACTIVE, LIMITED USE, DEACTIVATED, UNDER CONSTRUCTION/MODERNIZATION, OR PLANNED.

+-----+
| DATA ELEMENT: 130150 STATUS EXPLANATION
| USED AS FIELD: TSTAT1 IN SEGMENT: TINFO
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

ANY COMMENTS CONCERNING THE STATUS OR CONDITION OF THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130150 STATUS EXPLANATION
| USED AS FIELD: TSTAT2 IN SEGMENT: TINFO
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

ANY COMMENTS CONCERNING THE STATUS OR CONDITION OF THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130154 RANGE, TRAINING AREA/FACILITY DESCRIPTN
| USED AS FIELD: TDESC1 IN SEGMENT: TINFO
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

ANY TEXT DESCRIPTION OR COMMENTS, CONCERNING THE RANGE, TRAINING AREA, OR TRAINING FACILITY NOT CONTAINED IN ANOTHER FIELD.

+-----+
| DATA ELEMENT: 130159 ELECTRICAL POWER AVAILABILITY
| USED AS FIELD: ELEC IN SEGMENT: TINFO1
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+

+-----+
| DATA ELEMENT DEFINITION |-----+
+-----+

AN INDICATION AS TO THE AVAILABILITY OF ELECTRICAL POWER ON THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

+-----+
DATA ELEMENT: 130160 ELECTRICAL TRUNK DISTANCE
USED AS FIELD: ELECTRUNK IN SEGMENT: TINFO1
DATA TYPE: ALPHANUMERIC LENGTH: 30
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE DISTANCE TO THE NEAREST ELECTRICAL TRUNK, WHERE ELECTRICITY IS NOT AVAILABLE ON THE RANGE OR TRAINING AREA.

+-----+
DATA ELEMENT: 130164 BLEACHER SETS
USED AS FIELD: BLEACHERS IN SEGMENT: TINFO1
DATA TYPE: INTEGER LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE NUMBER OF BLEACHER SETS AT THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

+-----+
DATA ELEMENT: 130165 BIVOUAC SITES
USED AS FIELD: BIVOUAC IN SEGMENT: TINFO1
DATA TYPE: INTEGER LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE NUMBER OF BIVOUAC SITES AT THE RANGE OR TRAINING AREA.

+-----+
DATA ELEMENT: 130166 CLASSROOM BUILDINGS
USED AS FIELD: CLASSROOMS IN SEGMENT: TINFO1
DATA TYPE: INTEGER LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE NUMBER OF CLASSROOM BUILDINGS AT THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

+-----+
DATA ELEMENT: 130167 CONTROL TOWERS
USED AS FIELD: TOWERS IN SEGMENT: TINFO1
DATA TYPE: INTEGER LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE NUMBER OF CONTROL TOWERS AT THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

+-----+
DATA ELEMENT: 130168 LATRINES
USED AS FIELD: LATRINES IN SEGMENT: TINFO1
DATA TYPE: INTEGER LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE NUMBER OF LATRINES/HEADS AT THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130169 COVERED MESSING AREAS
| USED AS FIELD: COVMESS IN SEGMENT: TINFO1
| DATA TYPE: INTEGER LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE NUMBER OF COVERED MESSING AREAS AT THE RANGE OR TRAINING AREA.

+-----+
| DATA ELEMENT: 130170 PARKING AREAS
| USED AS FIELD: PARKING IN SEGMENT: TINFO1
| DATA TYPE: INTEGER LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE NUMBER OF PARKING AREAS AT THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130171 TARGET/UTILITY SHEDS
| USED AS FIELD: SHEDS IN SEGMENT: TINFO1
| DATA TYPE: INTEGER LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE NUMBER OF TARGET OR UTILITY SHEDS AT THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130172 WATER SYSTEM
| USED AS FIELD: WATERSYS IN SEGMENT: TINFO1
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+-----+ DATA ELEMENT DEFINITION |-----+

AN INDICATION AS TO THE AVAILABILITY OF A WATER SYSTEM ON THE RANGE, TRAINING AREA OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130173 OTHER STRUCTURES
| USED AS FIELD: OTHER IN SEGMENT: TINFO1
| DATA TYPE: INTEGER LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE NUMBER OF OTHER STRUCTURES NOT NAMED ELSEWHERE AT THE RANGE, TRAINING AREA, OR TRAINING FACILITY.
A DESCRIPTION OF THESE OTHER STRUCTURES IS CONTAINED IN THE OTHER STRUCTURES DESCRIPTION DATA ELEMENTS.

DATA ELEMENT: 130174 OTHER STRUCTURES DESCRIPTION
USED AS FIELD: OTHDESCR1 IN SEGMENT: TINFO1
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE FIRST LINE OF A DESCRIPTION OF OTHER STRUCTURES. SEE DATA
ELEMENT DATA STRUCTURES, OTHER AND STRUCTURES, OTHER
DESCRIPTION (LINE 2).

DATA ELEMENT: 130174 OTHER STRUCTURES DESCRIPTION
USED AS FIELD: OTHDESCR2 IN SEGMENT: TINFO1
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE FIRST LINE OF A DESCRIPTION OF OTHER STRUCTURES. SEE DATA
ELEMENT DATA STRUCTURES, OTHER AND STRUCTURES, OTHER
DESCRIPTION (LINE 2).

DATA ELEMENT: 130176 MILITARY CONSTRUCTION NUMBER
USED AS FIELD: MCNUMBER IN SEGMENT: CONSTR
DATA TYPE: ALPHANUMERIC LENGTH: 15

DATA ELEMENT DEFINITION

THE MILITARY CONSTRUCTION PROJECT NUMBER.

DATA ELEMENT: 130177 MILITARY CONSTRUCTION TITLE
USED AS FIELD: MCTITLE IN SEGMENT: CONSTR
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE MILITARY CONSTRUCTION PROJECT TITLE.

DATA ELEMENT: 130178 MILITARY CONSTRUCTION DESCRIPTION
USED AS FIELD: DESCRIP IN SEGMENT: CONSTR
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE MILITARY CONSTRUCTION PROJECT SHORT DESCRIPTION.

DATA ELEMENT: 130179 MILITARY CONSTRUCTION FISCAL YEAR
USED AS FIELD: FYCONST IN SEGMENT: CONSTR
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE FISCAL YEAR IN WHICH THE MILITARY CONSTRUCTION PROJECT IS
PROGRAMMED.

+-----+
DATA ELEMENT: 130180 MILITARY CONSTRUCTION FY SCHEDULED COMP.
USED AS FIELD: FYCOMPL IN SEGMENT: CONSTR
DATA TYPE: INTEGER LENGTH: 2
+-----+ DATA ELEMENT DEFINITION +-----+

THE FISCAL YEAR IN WHICH THE MILITARY CONSTRUCTION PROJECT IS
SCHEDULED TO BE COMPLETED.

+-----+
DATA ELEMENT: 130181 MILITARY CONSTRUCTION FY COMPLETION
USED AS FIELD: MCACTCOMPL IN SEGMENT: CONSTR
DATA TYPE: INTEGER LENGTH: 2
+-----+ DATA ELEMENT DEFINITION +-----+

THE ACTUAL COMPLETION DATE OF THE MILITARY CONTRUCTION.

+-----+
DATA ELEMENT: 130182 MILITARY CONSTRUCTION STATUS
USED AS FIELD: MCSTATUS IN SEGMENT: CONSTR
DATA TYPE: INTEGER LENGTH: 3
+-----+ DATA ELEMENT DEFINITION +-----+

THE CURRENT STATUS, IN PERCENT, OF THE MILITARY CONSTRUCTION.

+-----+
DATA ELEMENT: 130183 MILITARY CONSTRUCTION REMARKS
USED AS FIELD: REMARKS IN SEGMENT: CONSTR
DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+ DATA ELEMENT DEFINITION +-----+

ANY REMARKS CONCERNING THE MILITARY CONSTRUCTION.

+-----+
DATA ELEMENT: 130187 MILITARY CONSTRUCTION ESTIMATED COST
USED AS FIELD: ESTCOST IN SEGMENT: CONSTR
DATA TYPE: DOUBLE PRECISION LENGTH: 9
+-----+ DATA ELEMENT DEFINITION +-----+

THE ESTIMATED COST OF THE MILITARY CONSTRUCTION.

+-----+
DATA ELEMENT: 130188 MILITARY CONSTRUCTION FUNDS
USED AS FIELD: FUNDS IN SEGMENT: CONSTR
DATA TYPE: ALPHANUMERIC LENGTH: 6
+-----+ DATA ELEMENT DEFINITION +-----+

THE TYPE OF FUNDS PROGRAMMED FOR THE MILITARY CONSTRUCTION.

+-----+
| DATA ELEMENT: 130327 NIGHT USE
| USED AS FIELD: NIGHTUSE IN SEGMENT: TINFO1
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+-----+ DATA ELEMENT DEFINITION |-----+

AN INDICATION THAT A RANGE, TRAINING AREA, OR TRAINING FACILITY
IS AUTHORIZED FOR NIGHT USE.

+-----+
| DATA ELEMENT: 130335 COMMUNICATION SYSTEMS CATEGORY
| USED AS FIELD: COMMSYS IN SEGMENT: TINFO
| DATA TYPE: ALPHANUMERIC LENGTH: 4
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE TYPES OF COMMUNICATION SYSTEMS AVAILABLE AT THE RANGE,
TRAINING AREA, OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130337 RANGE/TRAINING AREA DESCRIPTION
| USED AS FIELD: SIZE IN SEGMENT: TINFO
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

A TEXT DESCRIPTION OF THE SIZE OF THE RANGE OR TRAINING AREA.

+-----+
| DATA ELEMENT: 130341 LASER SAFE
| USED AS FIELD: LASER IN SEGMENT: TINFO1
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+-----+ DATA ELEMENT DEFINITION |-----+

AN INDICATION THAT THE RANGE, TRAINING AREA, OR TRAINING
FACILITY IS LASER SAFE.

+-----+
| DATA ELEMENT: 130342 LASER COMMENTS
| USED AS FIELD: LASERCMT IN SEGMENT: TINFO1
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

ANY COMMENTS CONCERNING USE OF LASERS ON THE RANGE, TRAINING
AREA, OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130343 MANEUVERS AUTHORIZED
| USED AS FIELD: MANVAUTH IN SEGMENT: TINFO1
| DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+-----+ DATA ELEMENT DEFINITION |-----+

AN INDICATION AS TO WHETHER MANEUVERING OF TROOPS OR VEHICLES IS
ALLOWED ON THE RANGE OR TRAINING AREA.

DATA ELEMENT: 130344 PETROLEUM OIL LUBRICANTS (POL) DISTANCE
USED AS FIELD: POLDIST IN SEGMENT: TINFO1
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE DISTANCE TO THE NEAREST POL DISTRIBUTION POINT.

DATA ELEMENT: 130345 RATIONS DISTANCE
USED AS FIELD: RATDIST IN SEGMENT: TINFO1
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE DISTANCE TO THE NEAREST RATIONS DISTRIBUTION POINT.

DATA ELEMENT: 130368 TRAINING AREA/FACILITY NAME
USED AS FIELD: TANAME IN SEGMENT: TRNGAREA
DATA TYPE: ALPHANUMERIC LENGTH: 45

DATA ELEMENT DEFINITION

THE NAME OR NUMBER ASSIGNED TO A TRAINING AREA OR TRAINING FACILITY.

DATA ELEMENT: 130371 TRAINING AREA/FACILITY LOCATION
USED AS FIELD: TRNGAREA IN SEGMENT: TINFO
DATA TYPE: ALPHANUMERIC LENGTH: 45

DATA ELEMENT DEFINITION

THE LOCATION OF A TRAINING AREA OR TRAINING FACILITY WHEN THE TRAINING AREA OR FACILITY IS LOCATED WITHIN A LARGER TRAINING AREA.

DATA ELEMENT: 130372 TRAINING USE CODE SEQUENCE NUMBER
USED AS FIELD: TCODENUM IN SEGMENT: TUSES
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

A SEQUENTIAL NUMBER ASSIGNED TO EACH OF THE TRAINING USE CODES FOR SORTING AND RETREIVAL PURPOSES. IF THE TRAINING USE CODE SEQUENCE NUMBER EQUALS "1," THE TRAINING USE IS CONSIDERED THE PRIMARY USE. ALL OTHER SEQUENCE NUMBERS ARE USED WITH ALTERNATE USES OF THE TRAINING AREA OR FACILITY.

+-----+
DATA ELEMENT: 130373 TRAINING USE CODE
USED AS FIELD: TUSECODE IN SEGMENT: TUSES
DATA TYPE: INTEGER LENGTH: 3
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

A USE CODE ASSIGNED TO EACH USE FOR AN INDIVIDUAL TRAINING AREA OR TRAINING FACILITY. THE CODE IS DECODED TO THE TRAINING USE DESCRIPTION BY A CROSS-REFERENCE TO THE TRAINING USE FILE.

+-----+
DATA ELEMENT: 130374 TRAINING USE
USED AS FIELD: TUSE IN SEGMENT: TUSES
DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

A DESCRIPTION OF THE USE OF THE TRAINING AREA OR TRAINING FACILITY. THIS DESCRIPTION MAY VARY SLIGHTLY FROM THE TRAINING USE DESCRIPTION DECODED FROM THE TRAINING USE CODE.

+-----+
DATA ELEMENT: 130375 GEOGRAPHIC ATTRIBUTES
USED AS FIELD: GEOAOC IN SEGMENT: TRNGEO
DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

SORTS THE GEOGRAPHIC ATTRIBUTES INTO THREE CATEGORIES: ACCESS ROUTES, TERRAIN, AND SOIL.

+-----+
DATA ELEMENT: 130378 NUMBER OF ACCESS ROUTES
USED AS FIELD: ACCESSNUM IN SEGMENT: MEDIA
DATA TYPE: INTEGER LENGTH: 2
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

THE NUMBER OF ACCESS ROUTES TO A TRAINING AREA.

+-----+
DATA ELEMENT: 130402 SIMULATOR/DEVICE KEY
USED AS FIELD: TDEVAOC IN SEGMENT: TRNGDEV
DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

AN INDICATION AS TO WHETHER THE FOLLOWING DATA PERTAINS TO A SIMULATOR OR DEVICE ON A TRAINING AREA OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130403 SIMULATOR/DEVICE DESCRIPTION
| USED AS FIELD: ASDESCRIP IN SEGMENT: TSIM
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE DESCRIPTION, NAME, OR TYPE OF SIMULATOR OR DEVICE AVAILABLE
ON THE TRAINING AREA OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130404 SIMULATOR/DEVICE QUANTITY
| USED AS FIELD: AQUANTITY IN SEGMENT: TSIM
| DATA TYPE: INTEGER LENGTH: 3
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE NUMBER OF A PARTICULAR TYPE OF SIMULATOR OR DEVICE
AVAILABLE AT THE TRAINING AREA OR TRAINING FACILITY

+-----+
| DATA ELEMENT: 130405 SIMULATOR/DEVICE POWER
| USED AS FIELD: APOWER IN SEGMENT: TSIM
| DATA TYPE: ALPHANUMERIC LENGTH: 7
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE ELECTRICAL POWER REQUIREMENTS, IF APPLICABLE, FOR A
PARTICULAR TYPE OF SIMULATOR OR DEVICE AVAILABLE AT THE
TRAINING AREA OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130406 SIMULATOR/DEVICE CONDITION
| USED AS FIELD: ACONDITION IN SEGMENT: TSIM
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE CONDITION OF A PARTICULAR TYPE OF SIMULATOR OR DEVICE
AVAILABLE AT THE TRAINING AREA OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130407 SIMULATOR/DEVICE REMARKS
| USED AS FIELD: AREMARKS IN SEGMENT: TSIM
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

ANY REMARKS CONCERNING A PARTICULAR TYPE OF SIMULATOR OR DEVICE
AVAILABLE AT THE TRAINING AREA OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130409 MAP COORDINATE
| USED AS FIELD: COORDINATE IN SEGMENT: TINFO
| DATA TYPE: ALPHANUMERIC LENGTH: 10
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE 1:50000 MAP COORDINATE FOR THE RANGE OR TRAINING AREA.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0017 TRAINING USE

DATA ELEMENT: 130373 TRAINING USE CODE
USED AS FIELD: USECODE IN SEGMENT: USES
DATA TYPE: INTEGER LENGTH: 4

DATA ELEMENT DEFINITION

A USE CODE ASSIGNED TO EACH USE FOR AN INDIVIDUAL TRAINING AREA OR TRAINING FACILITY. THE CODE IS DECODED TO THE TRAINING USE DESCRIPTION BY A CROSS-REFERENCE TO THE TRAINING USE FILE.

DATA ELEMENT: 130408 TRAINING USE DESCRIPTION
USED AS FIELD: USEDESC IN SEGMENT: USES
DATA TYPE: ALPHANUMERIC LENGTH: 60

DATA ELEMENT DEFINITION

THE TRAINING USE DESCRIPTION DECODED FROM THE TRAINING USE CODE.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

+-----+
| DATA ELEMENT LIST FOR: DF0018 WEAPONS |
+-----+

+-----+
| DATA ELEMENT: 130196 WEAPONS CODE |
| USED AS FIELD: WEAPCODE IN SEGMENT: ONE |
| DATA TYPE: INTEGER LENGTH: 3 |
+-----+ | DATA ELEMENT DEFINITION | -----+

A WEAPONS AUTHORIZED FOR USE CODE ASSIGNED TO WEAPONS WHICH MAY
BE FIRED OR USED ON A PARTICULAR RANGE. THIS CODE MAY BE DECODED
TO THE WEAPONS DESCRIPTION BY A STATIC CROSS-REFERENCE TO THE
WEAPONS FILE.

+-----+
| DATA ELEMENT: 130239 WEAPONS DESCRIPTION |
| USED AS FIELD: WEAPDESC IN SEGMENT: ONE |
| DATA TYPE: ALPHANUMERIC LENGTH: 30 |
+-----+ | DATA ELEMENT DEFINITION | -----+

A DESCRIPTION OF THE WEAPONS WHICH ARE AUTHORIZED FOR USE ON A
PARTICULAR RANGE. THIS FIELD DECODES THE WEAPONS CODE.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0139 UNIT TRAINING FACILITIES

DATA ELEMENT: 130001 INSTALLATION ID NUMBER
USED AS FIELD: INSTID IN SEGMENT: FAC
DATA TYPE: INTEGER LENGTH: 5

DATA ELEMENT DEFINITION

AN INSTALLATION IDENTIFICATION NUMBER ASSIGNED TO EACH
INSTALLATION BY THE TPDC FILE MANAGER. THIS DATA ELEMENT IS A
LINKING DATA ELEMENT TO OTHER TPDC CORPORATE FILES.

DATA ELEMENT: 130147 INDOOR/OUTDOOR FACILITY
USED AS FIELD: INDOOROUT IN SEGMENT: FINFO1
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION AS TO WHETHER THE RANGE/FACILITY IS AN INDOOR OR
OUTDOOR FACILITY.

DATA ELEMENT: 130149 STATUS
USED AS FIELD: STATUS IN SEGMENT: FINFO1
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

THE CURRENT STATUS OF THE RANGE, TRAINING AREA, OR TRAINING
FACILITY. CATEGORIES ARE ACTIVE, INACTIVE, LIMITED USE,
DEACTIVATED, UNDER CONSTRUCTION/MODERNIZATION, OR PLANNED.

DATA ELEMENT: 130150 STATUS EXPLANATION
USED AS FIELD: FSTAT1 IN SEGMENT: FINFO1
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

ANY COMMENTS CONCERNING THE STATUS OR CONDITION OF THE RANGE,
TRAINING AREA, OR TRAINING FACILITY.

+-----+
DATA ELEMENT: 130150 STATUS EXPLANATION
USED AS FIELD: FSTAT2 IN SEGMENT: FINFO1
DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+ DATA ELEMENT DEFINITION +-----+

ANY COMMENTS CONCERNING THE STATUS OR CONDITION OF THE RANGE,
TRAINING AREA, OR TRAINING FACILITY.

+-----+
DATA ELEMENT: 130154 RANGE, TRAINING AREA/FACILITY DESCRIPTN
USED AS FIELD: FDESC IN SEGMENT: FINFO1
DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+ DATA ELEMENT DEFINITION +-----+

ANY TEXT DESCRIPTION OR COMMENTS, CONCERNING THE RANGE, TRAINING
AREA, OR TRAINING FACILITY NOT CONTAINED IN ANOTHER FIELD.

+-----+
DATA ELEMENT: 130159 ELECTRICAL POWER AVAILABILITY
USED AS FIELD: ELEC IN SEGMENT: FINFO2
DATA TYPE: ALPHANUMERIC LENGTH: 1
+-----+ DATA ELEMENT DEFINITION +-----+

AN INDICATION AS TO THE AVAILABILITY OF ELECTRICAL POWER ON THE
RANGE, TRAINING AREA, OR TRAINING FACILITY.

+-----+
DATA ELEMENT: 130164 BLEACHER SETS
USED AS FIELD: BLEACHERS IN SEGMENT: FINFO2
DATA TYPE: INTEGER LENGTH: 2
+-----+ DATA ELEMENT DEFINITION +-----+

THE NUMBER OF BLEACHER SETS AT THE RANGE, TRAINING AREA, OR
TRAINING FACILITY.

+-----+
DATA ELEMENT: 130166 CLASSROOM BUILDINGS
USED AS FIELD: CLASSROOMS IN SEGMENT: FINFO2
DATA TYPE: INTEGER LENGTH: 2
+-----+ DATA ELEMENT DEFINITION +-----+

THE NUMBER OF CLASSROOM BUILDINGS AT THE RANGE, TRAINING AREA,
OR TRAINING FACILITY.

+-----+
DATA ELEMENT: 130167 CONTROL TOWERS
USED AS FIELD: TOWERS IN SEGMENT: FINFO2
DATA TYPE: INTEGER LENGTH: 2
+-----+ DATA ELEMENT DEFINITION +-----+

THE NUMBER OF CONTROL TOWERS AT THE RANGE, TRAINING AREA, OR
TRAINING FACILITY.

DATA ELEMENT: 130168 LATRINES
USED AS FIELD: LATRINES IN SEGMENT: FINFO2
DATA TYPE: INTEGER LENGTH: 2

-----| DATA ELEMENT DEFINITION |-----

THE NUMBER OF LATRINES/HEADS AT THE RANGE, TRAINING AREA, OR
TRAINING FACILITY.

DATA ELEMENT: 130170 PARKING AREAS
USED AS FIELD: PARKING IN SEGMENT: FINFO2
DATA TYPE: INTEGER LENGTH: 2

-----| DATA ELEMENT DEFINITION |-----

THE NUMBER OF PARKING AREAS AT THE RANGE, TRAINING AREA, OR
TRAINING FACILITY.

DATA ELEMENT: 130171 TARGET/UTILITY SHEDS
USED AS FIELD: SHEDS IN SEGMENT: FINFO2
DATA TYPE: INTEGER LENGTH: 2

-----| DATA ELEMENT DEFINITION |-----

THE NUMBER OF TARGET OR UTILITY SHEDS AT THE RANGE, TRAINING
AREA, OR TRAINING FACILITY.

DATA ELEMENT: 130172 WATER SYSTEM
USED AS FIELD: WATERSYS IN SEGMENT: FINFO2
DATA TYPE: ALPHANUMERIC LENGTH: 1

-----| DATA ELEMENT DEFINITION |-----

AN INDICATION AS TO THE AVAILABILITY OF A WATER SYSTEM ON THE
RANGE, TRAINING AREA OR TRAINING FACILITY.

DATA ELEMENT: 130173 OTHER STRUCTURES
USED AS FIELD: OTHER IN SEGMENT: FINFO2
DATA TYPE: INTEGER LENGTH: 2

-----| DATA ELEMENT DEFINITION |-----

THE NUMBER OF OTHER STRUCTURES NOT NAMED ELSEWHERE AT THE RANGE,
TRAINING AREA, OR TRAINING FACILITY.
A DESCRIPTION OF THESE OTHER STRUCTURES IS CONTAINED IN THE
OTHER STRUCTURES DESCRIPTION DATA ELEMENTS.

DATA ELEMENT: 130174 OTHER STRUCTURES DESCRIPTION
USED AS FIELD: OTHDESCR1 IN SEGMENT: FINFO2
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE FIRST LINE OF A DESCRIPTION OF OTHER STRUCTURES. SEE DATA
ELEMENT DATA STRUCTURES, OTHER AND STRUCTURES, OTHER
DESCRIPTION (LINE 2).

DATA ELEMENT: 130174 OTHER STRUCTURES DESCRIPTION
USED AS FIELD: OTHDESCR2 IN SEGMENT: FINFO2
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE FIRST LINE OF A DESCRIPTION OF OTHER STRUCTURES. SEE DATA
ELEMENT DATA STRUCTURES, OTHER AND STRUCTURES, OTHER
DESCRIPTION (LINE 2).

DATA ELEMENT: 130176 MILITARY CONSTRUCTION NUMBER
USED AS FIELD: MCNUMBER IN SEGMENT: CONSTR
DATA TYPE: ALPHANUMERIC LENGTH: 15

DATA ELEMENT DEFINITION

THE MILITARY CONSTRUCTION PROJECT NUMBER.

DATA ELEMENT: 130177 MILITARY CONSTRUCTION TITLE
USED AS FIELD: MCTITLE IN SEGMENT: CONSTR
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE MILITARY CONSTRUCTION PROJECT TITLE.

DATA ELEMENT: 130178 MILITARY CONSTRUCTION DESCRIPTION
USED AS FIELD: DESCRIP IN SEGMENT: CONSTR
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE MILITARY CONSTRUCTION PROJECT SHORT DESCRIPTION.

DATA ELEMENT: 130179 MILITARY CONSTRUCTION FISCAL YEAR
USED AS FIELD: FYCONST IN SEGMENT: CONSTR
DATA TYPE: INTEGER LENGTH: 2

DATA ELEMENT DEFINITION

THE FISCAL YEAR IN WHICH THE MILITARY CONSTRUCTION PROJECT IS
PROGRAMMED.

+-----+
| DATA ELEMENT: 130180 MILITARY CONSTRUCTION FY SCHEDULED COMP.
| USED AS FIELD: FYCOMPL IN SEGMENT: CONSTR
| DATA TYPE: INTEGER LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE FISCAL YEAR IN WHICH THE MILITARY CONSTRUCTION PROJECT IS
SCHEDULED TO BE COMPLETED.

+-----+
| DATA ELEMENT: 130181 MILITARY CONSTRUCTION FY COMPLETION
| USED AS FIELD: MCACTCOMPL IN SEGMENT: CONSTR
| DATA TYPE: INTEGER LENGTH: 2
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE ACTUAL COMPLETION DATE OF THE MILITARY CONSTRUCTION.

+-----+
| DATA ELEMENT: 130182 MILITARY CONSTRUCTION STATUS
| USED AS FIELD: MCSTATUS IN SEGMENT: CONSTR
| DATA TYPE: INTEGER LENGTH: 3
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE CURRENT STATUS, IN PERCENT, OF THE MILITARY CONSTRUCTION.

+-----+
| DATA ELEMENT: 130183 MILITARY CONSTRUCTION REMARKS
| USED AS FIELD: REMARKS IN SEGMENT: CONSTR
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+

ANY REMARKS CONCERNING THE MILITARY CONSTRUCTION.

+-----+
| DATA ELEMENT: 130187 MILITARY CONSTRUCTION ESTIMATED COST
| USED AS FIELD: ESTCOST IN SEGMENT: CONSTR
| DATA TYPE: DOUBLE PRECISION LENGTH: 9
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE ESTIMATED COST OF THE MILITARY CONSTRUCTION.

+-----+
| DATA ELEMENT: 130188 MILITARY CONSTRUCTION FUNDS
| USED AS FIELD: FUNDS IN SEGMENT: CONSTR
| DATA TYPE: ALPHANUMERIC LENGTH: 6
+-----+-----+ DATA ELEMENT DEFINITION |-----+

THE TYPE OF FUNDS PROGRAMMED FOR THE MILITARY CONSTRUCTION.

DATA ELEMENT: 130327 NIGHT USE
USED AS FIELD: NIGHTUSE IN SEGMENT: FINFO2
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION THAT A RANGE, TRAINING AREA, OR TRAINING FACILITY IS AUTHORIZED FOR NIGHT USE.

DATA ELEMENT: 130328 LIGHTED RANGE/AREA
USED AS FIELD: LIGHT IN SEGMENT: FINFO2
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION THAT A RANGE, TRAINING AREA, OR TRAINING FACILITY IS LIGHTED.

DATA ELEMENT: 130335 COMMUNICATION SYSTEMS CATEGORY
USED AS FIELD: COMMSYS IN SEGMENT: FINFO1
DATA TYPE: ALPHANUMERIC LENGTH: 4

DATA ELEMENT DEFINITION

THE TYPES OF COMMUNICATION SYSTEMS AVAILABLE AT THE RANGE, TRAINING AREA, OR TRAINING FACILITY.

DATA ELEMENT: 130337 RANGE/TRAINING AREA DESCRIPTION
USED AS FIELD: SIZE IN SEGMENT: FINFO1
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

A TEXT DESCRIPTION OF THE SIZE OF THE RANGE OR TRAINING AREA.

DATA ELEMENT: 130368 TRAINING AREA/FACILITY NAME
USED AS FIELD: TFNAME IN SEGMENT: TRNGFAC
DATA TYPE: ALPHANUMERIC LENGTH: 45

DATA ELEMENT DEFINITION

THE NAME OR NUMBER ASSIGNED TO A TRAINING AREA OR TRAINING FACILITY.

DATA ELEMENT: 130371 TRAINING AREA/FACILITY LOCATION
USED AS FIELD: TRNGAREA IN SEGMENT: FINFO1
DATA TYPE: ALPHANUMERIC LENGTH: 45

DATA ELEMENT DEFINITION

THE LOCATION OF A TRAINING AREA OR TRAINING FACILITY WHEN THE TRAINING AREA OR FACILITY IS LOCATED WITHIN A LARGER TRAINING AREA.

DATA ELEMENT: 130372 TRAINING USE CODE SEQUENCE NUMBER
USED AS FIELD: FCODENUM IN SEGMENT: FUSES
DATA TYPE: INTEGER LENGTH: 1

DATA ELEMENT DEFINITION

A SEQUENTIAL NUMBER ASSIGNED TO EACH OF THE TRAINING USE CODES FOR SORTING AND RETREIVAL PURPOSES. IF THE TRAINING USE CODE SEQUENCE NUMBER EQUALS "1," THE TRAINING USE IS CONSIDERED THE PRIMARY USE. ALL OTHER SEQUENCE NUMBERS ARE USED WITH ALTERNATE USES OF THE TRAINING AREA OR FACILITY.

DATA ELEMENT: 130373 TRAINING USE CODE
USED AS FIELD: FUSECODE IN SEGMENT: FUSES
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

A USE CODE ASSIGNED TO EACH USE FOR AN INDIVIDUAL TRAINING AREA OR TRAINING FACILITY. THE CODE IS DECODED TO THE TRAINING USE DESCRIPTION BY A CROSS-REFERENCE TO THE TRAINING USE FILE.

DATA ELEMENT: 130374 TRAINING USE
USED AS FIELD: FUSE IN SEGMENT: FUSES
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

A DESCRIPTION OF THE USE OF THE TRAINING AREA OR TRAINING FACILITY. THIS DESCRIPTION MAY VARY SLIGHTLY FROM THE TRAINING USE DESCRIPTION DECODED FROM THE TRAINING USE CODE.

DATA ELEMENT: 130402 SIMULATOR/DEVICE KEY
USED AS FIELD: FACUAOC IN SEGMENT: FACDEV
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

AN INDICATION AS TO WHETHER THE FOLLOWING DATA PERTAINS TO A SIMULATOR OR DEVICE ON A TRAINING AREA OR TRAINING FACILITY.

DATA ELEMENT: 130403 SIMULATOR/DEVICE DESCRIPTION
USED AS FIELD: FSDESCRIP IN SEGMENT: FSD
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

THE DESCRIPTION, NAME, OR TYPE OF SIMULATOR OR DEVICE AVAILABLE ON THE TRAINING AREA OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130404 SIMULATOR/DEVICE QUANTITY |
| USED AS FIELD: FQUANTITY IN SEGMENT: FSD |
| DATA TYPE: INTEGER LENGTH: 3 |
+-----+

-----| DATA ELEMENT DEFINITION |-----+

THE NUMBER OF A PARTICULAR TYPE OF SIMULATOR OR DEVICE
AVAILABLE AT THE TRAINING AREA OR TRAINING FACILITY

+-----+
| DATA ELEMENT: 130405 SIMULATOR/DEVICE POWER |
| USED AS FIELD: FPOWER IN SEGMENT: FSD |
| DATA TYPE: ALPHANUMERIC LENGTH: 7 |
+-----+

-----| DATA ELEMENT DEFINITION |-----+

THE ELECTRICAL POWER REQUIREMENTS, IF APPLICABLE, FOR A
PARTICULAR TYPE OF SIMULATOR OR DEVICE AVAILABLE AT THE
TRAINING AREA OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130406 SIMULATOR/DEVICE CONDITION |
| USED AS FIELD: FCONDITION IN SEGMENT: FSD |
| DATA TYPE: ALPHANUMERIC LENGTH: 70 |
+-----+

-----| DATA ELEMENT DEFINITION |-----+

THE CONDITION OF A PARTICULAR TYPE OF SIMULATOR OR DEVICE
AVAILABLE AT THE TRAINING AREA OR TRAINING FACILITY.

+-----+
| DATA ELEMENT: 130407 SIMULATOR/DEVICE REMARKS |
| USED AS FIELD: FREMARKS IN SEGMENT: FSD |
| DATA TYPE: ALPHANUMERIC LENGTH: 70 |
+-----+

-----| DATA ELEMENT DEFINITION |-----+

ANY REMARKS CONCERNING A PARTICULAR TYPE OF SIMULATOR OR DEVICE
AVAILABLE AT THE TRAINING AREA OR TRAINING FACILITY.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0154 INSTALLATION DEFENSE PLANNING &
PROGRAMMING CODES

DATA ELEMENT: 130030 INSTALLATION DEF. PLAN. & PROG. CODE
USED AS FIELD: IDPPC IN SEGMENT: IDPP
DATA TYPE: INTEGER LENGTH: 3

DATA ELEMENT DEFINITION

A THREE DIGIT NUMERIC CODE CLASSIFYING EACH INSTALLATION LISTED
IN THE DOD BASE STRUCTURE ANNEX INTO A DEFENSE PLANNING AND
PROGRAMMING CATEGORY ACCORDING TO ITS PRIMARY MISSION. SEE
UNIFORM INSTALLATION CODE FOR ADDITIONAL INFORMATION ON
INSTALLATIONS LISTED IN THE DOD BASE STRUCTURE ANNEX.

DATA ELEMENT: 130031 INSTALLATION DEF. PLAN. & PROG. GROUP
USED AS FIELD: IDPPGP IN SEGMENT: IDPP
DATA TYPE: ALPHANUMERIC LENGTH: 22

DATA ELEMENT DEFINITION

A GROUPING OF THE INSTALLATIONS LISTED IN THE DOD BASE STRUCTURE
ANNEX INTO ONE OF SIX MAJOR AREAS BASED ON THE FIRST DIGIT OF
THE INSTALLATION DEFENSE PLANNING & PROGRAMMING CODE. SEE
UNIFORM INSTALLATION CODE FOR ADDITIONAL INFORMATION CONCERNING
INSTALLATIONS LISTED IN THE DOD BASE STRUCTURE ANNEX.

DATA ELEMENT: 130032 INSTALLATION DEF. PLAN. & PROG. CATEGORY
USED AS FIELD: IDPPCAT IN SEGMENT: IDPP
DATA TYPE: ALPHANUMERIC LENGTH: 51

DATA ELEMENT DEFINITION

A GROUPING OF THE INSTALLATIONS LISTED IN THE DOD BASE STRUCTURE
ANNEX INTO ONE OF NINE CATEGORIES BASED ON THE SECOND AND THIRD
DIGITS OF THE INSTALLATION DEFENSE PLANNING & PROGRAMMING CODE.
SEE UNIFORM INSTALLATION CODE FOR ADDITIONAL INFORMATION
CONCERNING INSTALLATIONS LISTED IN THE DOD BASE STRUCTURE
ANNEX.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

DATA ELEMENT LIST FOR: DF0161 ENCROACHMENTS

DATA ELEMENT: 130001 INSTALLATION ID NUMBER
USED AS FIELD: INSID IN SEGMENT: ENCRDAT
DATA TYPE: ALPHANUMERIC LENGTH: 5

DATA ELEMENT DEFINITION

AN INSTALLATION IDENTIFICATION NUMBER ASSIGNED TO EACH
INSTALLATION BY THE TPDC FILE MANAGER. THIS DATA ELEMENT IS A
LINKING DATA ELEMENT TO OTHER TPDC CORPORATE FILES.

DATA ELEMENT: 130010 STATE ABBREVIATION
USED AS FIELD: POCSTATE IN SEGMENT: POC
DATA TYPE: ALPHANUMERIC LENGTH: 2

DATA ELEMENT DEFINITION

THE ABBREVIATED STATE ADDRESS OF THE INSTALLATION. FOR CANADIAN
INSTALLATIONS, THIS FIELD CONTAINS THE CANADIAN PROVINCE
ABBREVIATION. THE ABBREVIATIONS MAY BE DECODED BY A JOIN TO THE
STATES FILE.

DATA ELEMENT: 130016 DATA DATE
USED AS FIELD: UPDATE IN SEGMENT: PROBLEM
DATA TYPE: INTEGER LENGTH: 6

DATA ELEMENT DEFINITION

THE DATE FOR WHICH THE DATA IS VALID OR LAST UPDATED.

DATA ELEMENT: 130058 POC ORGANIZATION
USED AS FIELD: POCORG IN SEGMENT: POC
DATA TYPE: ALPHANUMERIC LENGTH: 60

DATA ELEMENT DEFINITION

THE ORGANIZATION FOR THE POINT OF CONTACT.

DATA ELEMENT: 130059 POC NAME/TITLE
USED AS FIELD: POCNAME IN SEGMENT: POC
DATA TYPE: ALPHANUMERIC LENGTH: 45

DATA ELEMENT DEFINITION

THE NAME OR TITLE FOR THE POINT OF CONTACT.

DATA ELEMENT: 130077 POC ADDRESS, CITY
USED AS FIELD: POCCITY IN SEGMENT: POC
DATA TYPE: ALPHANUMERIC LENGTH: 25

DATA ELEMENT DEFINITION

THE CITY ADDRESS FOR A POINT OF CONTACT.

DATA ELEMENT: 130329 INTERNAL COMMENTS
USED AS FIELD: INTCMTS IN SEGMENT: PROBLEM
DATA TYPE: ALPHANUMERIC LENGTH: 70

DATA ELEMENT DEFINITION

ANY COMMENTS DESIGNED FOR INTERNAL COLLECTIVE & JOINT TRAINING
USE ONLY.

DATA ELEMENT: 130332 POC TYPE
USED AS FIELD: POCTYP IN SEGMENT: POC
DATA TYPE: INTEGER LENGTH: 1

DATA ELEMENT DEFINITION

THE DESCRIPTION OF THE TYPE OF POINT OF CONTACT CONTAINED IN THE
FILE. CATEGORIES ARE: PRIMARY RANGE POC, OTHER RANGE POC,
TRAINING AREA/FACILITY POC, INSTALLATION POC, ENCROACHMENT
ADVOCATE, AND ENCROACHMENT INSTALLATION POC.

DATA ELEMENT: 130333 POC COMMERCIAL TELEPHONE NUMBER
USED AS FIELD: POCCOMLFON IN SEGMENT: POC
DATA TYPE: ALPHANUMERIC LENGTH: 30

DATA ELEMENT DEFINITION

THE COMMERCIAL TELEPHONE NUMBER FOR THE POC.

DATA ELEMENT: 130334 POC AUTOVON TELEPHONE NUMBER
USED AS FIELD: POCAVFON IN SEGMENT: POC
DATA TYPE: ALPHANUMERIC LENGTH: 30

DATA ELEMENT DEFINITION

THE AUTOVON TELEPHONE NUMBER FOR THE POC.

DATA ELEMENT: 130386 ENCROACHMENT CATEGORY
USED AS FIELD: ENCRCAT IN SEGMENT: CAT
DATA TYPE: ALPHANUMERIC LENGTH: 1

DATA ELEMENT DEFINITION

THE MAJOR CLASSIFICATION ASSIGNED TO EACH ENCROACHMENT ISSUE.

```
+-----+
| DATA ELEMENT: 130387  ENCROACHMENT SUB-CATEGORY
| USED AS FIELD: ENCRSUB      IN SEGMENT: SUBCAT
| DATA TYPE: ALPHANUMERIC    LENGTH: 3
+-----+-----+ DATA ELEMENT DEFINITION |-----+
```

THE MINOR CLASSIFICATION ASSIGNED WITHIN EACH CATEGORY TO AN ENCROACHMENT ISSUE.

THE FIRST POSITION REPRESENTS THE ENCROACHMENT CATEGORY, THE SECOND AND THIRD POSITIONS ARE A SEQUENCE NUMBER ARBITRARILY ASSIGNED TO THE SUB-CATEGORY.

(SEE CATEGORY CODE IN SUBCATEGORY DATA FILE)

```
+-----+
| DATA ELEMENT: 130388  ENCROACHMENT ISSUE
| USED AS FIELD: ISSUE      IN SEGMENT: PROBLEM
| DATA TYPE: ALPHANUMERIC  LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+
```

A SHORT NARRATIVE STATEMENT DESCRIBING/TITLEING THE ENCROACHMENT ISSUE.

```
+-----+
| DATA ELEMENT: 130389  ENCROACHMENT STATUS DATE
| USED AS FIELD: STATDATE  IN SEGMENT: PROBLEM
| DATA TYPE: INTEGER      LENGTH: 6
+-----+-----+ DATA ELEMENT DEFINITION |-----+
```

THE DATE OF THE LAST REVIEW OF THE ENCROACHMENT ISSUE IN YYMMDD FORMAT.

```
+-----+
| DATA ELEMENT: 130390  ENCROACHMENT AREA-OF-CONCERN
| USED AS FIELD: ENCRAOC   IN SEGMENT: ENCRNARR
| DATA TYPE: INTEGER      LENGTH: 1
+-----+-----+ DATA ELEMENT DEFINITION |-----+
```

THE CODE ASSIGNED TO THE TYPES OF NARRATIVE INFORMATION COLLECTED ABOUT AN ENCROACHMENT ISSUE. THE CATEGORIES ARE: BACKGROUND, EVALUATION OF EFFECTS, PRIOR ACTIONS TAKEN, AFFECTED AREAS, PROBLEM STATEMENT, RECOMMENDED ACTIONS, ACTION AGENCY, AND REFERENCES. (SEE ENCROACHMENT DESCRIPTION).

```
+-----+
| DATA ELEMENT: 130391  ENCROACHMENT DESCRIPTION
| USED AS FIELD: ENCRDESC  IN SEGMENT: DESCR
| DATA TYPE: ALPHANUMERIC LENGTH: 70
+-----+-----+ DATA ELEMENT DEFINITION |-----+
```

A DESCRIPTION OF AN AREA OF CONCERN IN AN ENCROACHMENT ISSUE. THIS DATA FIELD IS MANAGED AS MULTIPLE 70-CHARACTER LINES IN A PARTICULAR CONCERN. (SEE ENCROACHMENT AREA-OF-CONCERN).

+-----+
| DATA ELEMENT: 130392 ENCROACHMENT ISSUE NUMBER
| USED AS FIELD: SEQ IN SEGMENT: PROBLEM
| DATA TYPE: INTEGER LENGTH: 1
+-----+

+-----| DATA ELEMENT DEFINITION |-----+

A SEQUENTIAL NUMBER ASSIGNED TO EACH ENCROACHMENT ISSUE WITHIN
A CATEGORY/SUB-CATEGORY AT AN INSTALLATION.

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
DATA ELEMENT DEFINITIONS

+-----+
| DATA ELEMENT LIST FOR: DF0162 ENCROACHMENTS SUB-CATEGORY |
+-----+

+-----+
| DATA ELEMENT: 130393 ENCROACHMENT SUB-CATEGORY CODE |
| USED AS FIELD: CODE IN SEGMENT: CATEGORY |
| DATA TYPE: ALPHANUMERIC LENGTH: 3 |
+-----+

+-----+ DATA ELEMENT DEFINITION |-----+

THE MINOR CLASSIFICATION ASSIGNED WITHIN EACH CATEGORY OF AN
ENCROACHMENT ISSUE. THIS ELEMENT IS CROSS-REFERENCED TO THE
ENCROACHMENTS SUB-CATEGORY FILE.

+-----+
| DATA ELEMENT: 130394 ENCROACHMENT SUB-CATEGORY TITLE |
| USED AS FIELD: SUBTITLE IN SEGMENT: CATEGORY |
| DATA TYPE: ALPHANUMERIC LENGTH: 33 |
+-----+

+-----+ DATA ELEMENT DEFINITION |-----+

THE SUB-CATEGORY NAME ASSIGNED TO THE SUB-CATEGORY CODE WITHIN
A CATEGORY.

MASTER FILE DESCRIPTIONS

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
MASTER FILE DESCRIPTIONS

DF0006

FILE=AIRPORT , SUFFIX=FOC,
SEGMAME=APTSEG , SEGTYPE=S ,

FIELDNAME=APTCODE	, ALIAS=CODE	, FORMAT=A4	, FIELDTYPE=I,
TITLE='APTCODE'			, DESCR=130041,\$
FIELDNAME=APTNAME	, ALIAS=NAME	, FORMAT=A70	, DESCR=130251,\$
TITLE='APTNAME'			
FIELDNAME=APT_ST	, ALIAS=ST	, FORMAT=A2	, DESCR=130010,\$
TITLE='APT_ST'			
FIELDNAME=ACFT_IDC	, ALIAS=IDC	, FORMAT=A8	, DESCR=130043,\$
TITLE='ACFT_IDC'			
FIELDNAME=ACFT_IDM	, ALIAS=IDM	, FORMAT=A8	, DESCR=130046,\$
TITLE='ACFT_IDM'			
FIELDNAME=RUNWAYLENGTH	, ALIAS=RLN	, FORMAT=I5S	, DESCR=130048,\$
TITLE='RUNWAYLENGTH'			
FIELDNAME=RUNWAYWIDTH	, ALIAS=RWD	, FORMAT=I3S	, DESCR=130049,\$
TITLE='RUNWAYWIDTH'			
FIELDNAME=REMARKS	, ALIAS=REM	, FORMAT=A70	, DESCR=130411,\$
TITLE='REMARKS'			

DF0007

FILE=AMMO , SUFFIX=FOC,
SEGMAME=ONE , SEGTYPE= ,

FIELDNAME=AMMOCODE	, ALIAS=AC	, FORMAT=I3	, FIELDTYPE=I,
TITLE='AMMUNITION CODE'			, DESCR=130199,\$
FIELDNAME=AMMODESC	, ALIAS=AD	, FORMAT=A30	, DESCR=130241,\$
TITLE='AMMUNITION DESCRIPTION'			

DF0008

FILE=BRANCH , SUFFIX=FOC,
SEGMAME=BRNAME , SEGTYPE= ,

FIELDNAME=BRANCH	, ALIAS=BR	, FORMAT=A2	, FIELDTYPE=I,
TITLE='BASIC BRANCH OR SPECIALTY'			, DESCR=130122,\$
FIELDNAME=BR_NAME	, ALIAS=BNAME	, FORMAT=A35	, DESCR=130243,\$
TITLE='TYPE UNIT DESCRIPTION'			

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
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DF0009

FILE=KOUNTRY , SUFFIX=FOC,
SEGNAME=ONE , SEGTYPE=S ,

FIELDNAME=KOUNTRYCODE , ALIAS=KCD , FORMAT=A2 ,
TITLE='KOUNTRYCODE' , DESCR=130012,\$
FIELDNAME=KOUNTRYNAME , ALIAS=KNAME , FORMAT=A45 ,
TITLE='KOUNTRYNAME' , DESCR=130247,\$
FIELDNAME=ICAO , ALIAS=ICAO , FORMAT=A2 ,
TITLE='ICAO' , DESCR=130395,\$

DF0010

FILE=ECHELON , SUFFIX=FOC,
SEGNAME=ECHNAME , SEGTYPE= ,

FIELDNAME=ECH_NAME , ALIAS=ENAME , FORMAT=A15 ,
TITLE='UNIT SIZE DESCRIPTION' , DESCR=130245,\$
FIELDNAME=ECHELON , ALIAS=ECH , FORMAT=A1 , FIELDTYPE=I,
TITLE='ECHELON' , DESCR=130123,\$

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
MASTER FILE DESCRIPTIONS

DF0011

FILE=INSTALL , SUFFIX=FOC,
SEGNAME=INSTALL , SEGTYPE=S ,

FIELDNAME=INSTLID , ALIAS=XID , FORMAT=I5 ,
TITLE='INSTLID' , DESCR=130001,\$

SEGNAME=ADDRESS , PARENT=INSTALL , SEGTYPE=U ,

FIELDNAME=INSTLNAME , ALIAS=NAME , FORMAT=A70 ,
TITLE='INSTLNAME' , DESCR=130002,\$

FIELDNAME=MAJUSER , ALIAS=USER , FORMAT=A2 ,
TITLE='MAJUSER' , DESCR=130003,\$

FIELDNAME=DATADATE , ALIAS=DDATE , FORMAT=YMD ,
TITLE='DATADATE' , DESCR=130016,\$

FIELDNAME=MACOM , ALIAS=COM , FORMAT=A15 ,
TITLE='MACOM' , DESCR=130004,\$

FIELDNAME=ARMYAREA , ALIAS=ARMY , FORMAT=A1 ,
TITLE='ARMYAREA' , DESCR=130005,\$

FIELDNAME=ADDRESS1 , ALIAS=AD1 , FORMAT=A70 ,
TITLE='ADDRESS1' , DESCR=130007,\$

FIELDNAME=ADDRESS2 , ALIAS=AD2 , FORMAT=A70 ,
TITLE='ADDRESS2' , DESCR=130007,\$

FIELDNAME=CITY , ALIAS=CITY , FORMAT=A25 ,
TITLE='CITY' , DESCR=130009,\$

FIELDNAME=STATE , ALIAS=ST , FORMAT=A2 ,
TITLE='STATE' , DESCR=130010,\$

FIELDNAME=ZIP , ALIAS=ZIP , FORMAT=A10 ,
TITLE='ZIP' , DESCR=130011,\$

FIELDNAME=KOUNTRY , ALIAS=KCD , FORMAT=A2 ,
TITLE='KOUNTRY' , DESCR=130012,\$

FIELDNAME=REGION , ALIAS=REG , FORMAT=A2 ,
TITLE='REGION' , DESCR=130129,\$

FIELDNAME=KOUNTY , ALIAS=KTY , FORMAT=A18 ,
TITLE='KOUNTY' , DESCR=130014,\$

FIELDNAME=CONGDIST , ALIAS=CD , FORMAT=A2 ,
TITLE='CONGDIST' , DESCR=130006,\$

FIELDNAME=NEARCITY , ALIAS=NCITY , FORMAT=A40 ,
TITLE='NEARCITY' , DESCR=130017,\$

FIELDNAME=METROCITY , ALIAS=MCITY , FORMAT=A40 ,
TITLE='METROCITY' , DESCR=130018,\$

FIELDNAME=METRODIST , ALIAS=MDIST , FORMAT=I3S ,
TITLE='METRODIST' , DESCR=130019,\$

FIELDNAME=METROPOP , ALIAS=POP , FORMAT=I7S ,
TITLE='METROPOP' , DESCR=130020,\$

FIELDNAME=BUS , ALIAS=BUS , FORMAT=A25 ,
TITLE='BUS' , DESCR=130037,\$

FIELDNAME=RAIL , ALIAS=RAIL , FORMAT=A25 ,
TITLE='RAIL' , DESCR=130039,\$

FIELDNAME=BUSDT	, ALIAS=BDT	, FORMAT=I3S	, DESCR=130038,\$
TITLE='BUSDT'			
FIELDNAME=RAIL	, ALIAS=RAIL	, FORMAT=A25	, DESCR=130039,\$
TITLE='RAIL'			
FIELDNAME=RAILDT	, ALIAS=RD	, FORMAT=I3S	, DESCR=130040,\$
TITLE='RAILDT'			
FIELDNAME=AIRCIV	, ALIAS=APTCODE	, FORMAT=A4	, DESCR=130041,\$
TITLE='AIRCIV'			
FIELDNAME=AIRCIVDT	, ALIAS=CDT	, FORMAT=I3S	, DESCR=130042,\$
TITLE='AIRCIVDT'			
FIELDNAME=AIRMIL	, ALIAS=APTCODE	, FORMAT=A4	, DESCR=130044,\$
TITLE='AIRMIL'			
FIELDNAME=AIRMILDT	, ALIAS=MDT	, FORMAT=I3S	, DESCR=130045,\$
TITLE='AIRMILDT'			
FIELDNAME=LATITUDE	, ALIAS=LAT	, FORMAT=I6S	, DESCR=130021,\$
TITLE='LATITUDE'			
FIELDNAME=LATPOS	, ALIAS=LT	, FORMAT=A1	, DESCR=130022,\$
TITLE='LATPOS'			
FIELDNAME=LONGITUDE	, ALIAS=LON	, FORMAT=I7SL	, DESCR=130023,\$
TITLE='LONGITUDE'			
FIELDNAME=LONGPOS	, ALIAS=LN	, FORMAT=A1	, DESCR=130024,\$
TITLE='LONGPOS'			
FIELDNAME=GEOLOC	, ALIAS=GLOC	, FORMAT=A4	, DESCR=130013,\$
TITLE='GEOLOC'			
FIELDNAME=ARLOC	, ALIAS=ALOC	, FORMAT=A5	, DESCR=130033,\$
TITLE='ARLOC'			
FIELDNAME=PROPCONT	, ALIAS=PROP	, FORMAT=A70	, DESCR=130034,\$
TITLE='PROPCONT'			
FIELDNAME=PARENTID	, ALIAS=PID	, FORMAT=I5S	, DESCR=130015,\$
TITLE='PARENTID'			
FIELDNAME=INTCMTS	, ALIAS=INTCMTS	, FORMAT=A70	, DESCR=130329,\$
TITLE='INTCMTS'			

SEGNAME=APTSEG	, PARENT=ADDRESS	, SEGTYPE=KU,	
CRFILE=	CRKEY=	CRSEGNAME=	, \$
FIELDNAME=APTCODE	, ALIAS=CODE	, FORMAT=A4	, DESCR=
TITLE=''			, \$
FIELDNAME=CAPTNAME	, ALIAS=APTNAME	, FORMAT=A70	, DESCR=
TITLE=''			, \$
FIELDNAME=CAPTST	, ALIAS=APTST	, FORMAT=A2	, DESCR=
TITLE=''			, \$
FIELDNAME=CACFT_IDC	, ALIAS=ACFT_IDC	, FORMAT=A8	, DESCR=
TITLE=''			, \$
FIELDNAME=CACFT_IDM	, ALIAS=ACFT_IDM	, FORMAT=A8	, DESCR=
TITLE=''			, \$
FIELDNAME=CRLN	, ALIAS=RUNWAYLENGTH	, FORMAT=I5S	, DESCR=
TITLE=''			, \$
FIELDNAME=CRWD	, ALIAS=RUNWAYWIDTH	, FORMAT=I3S	, DESCR=
TITLE=''			, \$
FIELDNAME=CREM	, ALIAS=REMARKS	, FORMAT=A70	, DESCR=
TITLE=''			, \$

SEGNAME=APTSEG , PARENT=ADDRESS , SEGTYPE=KU,
 CRFILE= , CRKEY= , CRSEGNAME= , \$
 FIELDNAME=APTCODE , ALIAS=CODE , FORMAT=A4 ,
 TITLE=' ' , DESCR= , \$
 FIELDNAME=MAPTNAME , ALIAS=APTNAME , FORMAT=A70 ,
 TITLE=' ' , DESCR= , \$
 FIELDNAME=MAPTST , ALIAS=APTST , FORMAT=A2 ,
 TITLE=' ' , DESCR= , \$
 FIELDNAME=MACFT_IDC , ALIAS=ACFT_IDC , FORMAT=A8 ,
 TITLE=' ' , DESCR= , \$
 FIELDNAME=MACFT_IDM , ALIAS=ACFT_IDM , FORMAT=A8 ,
 TITLE=' ' , DESCR= , \$
 FIELDNAME=MRLN , ALIAS=RUNWAYLENGTH , FORMAT=I5S ,
 TITLE=' ' , DESCR= , \$
 FIELDNAME=MRWD , ALIAS=RUNWAYWIDTH , FORMAT=I3S ,
 TITLE=' ' , DESCR= , \$
 FIELDNAME=MREM , ALIAS=REMARKS , FORMAT=A70 ,
 TITLE=' ' , DESCR= , \$

SEGNAME=BSA , PARENT=INSTALL , SEGTYPE=U ,

FIELDNAME=INSTLCODE , ALIAS=IC , FORMAT=A5 ,
 TITLE='INSTLCODE' , DESCR=130025,\$
 FIELDNAME=PARINSTLCODE , ALIAS=PC , FORMAT=A5 ,
 TITLE='PARINSTLCODE' , DESCR=130026,\$
 FIELDNAME=CLZONE , ALIAS=CZ , FORMAT=A1 ,
 TITLE='CLZONE' , DESCR=130027,\$
 FIELDNAME=MSNCODE , ALIAS=MC , FORMAT=A6 ,
 TITLE='MSNCODE' , DESCR=130028,\$
 FIELDNAME=ACTFUNC , ALIAS=AF , FORMAT=A35 ,
 TITLE='ACTFUNC' , DESCR=130029,\$
 FIELDNAME>IDPPC , ALIAS=PPC , FORMAT=I3S ,
 TITLE='IDPPC' , DESCR=130030,\$

SEGNAME=NGB , PARENT=INSTALL , SEGTYPE=U ,

FIELDNAME=STATESUP1 , ALIAS=SSUP1 , FORMAT=A70 ,
 TITLE='STATESUP1' , DESCR=130035,\$
 FIELDNAME=STATESUP2 , ALIAS=SSUP2 , FORMAT=A70 ,
 TITLE='STATESUP2' , DESCR=130035,\$
 FIELDNAME=STATESUP3 , ALIAS=SSUP3 , FORMAT=A70 ,
 TITLE='STATESUP3' , DESCR=130035,\$
 FIELDNAME=MANCAT , ALIAS=MCAT , FORMAT=A1 ,
 TITLE='MANCAT' , DESCR=130130,\$
 FIELDNAME=TROOPCAP , ALIAS=TRPCAP , FORMAT=I4S ,
 TITLE='TROOPCAP' , DESCR=130131,\$
 FIELDNAME=ARNGID , ALIAS=ARNGID , FORMAT=I5S ,
 TITLE='ARNGID' , DESCR=130330,\$

SEGNAME=AIRFIELD, PARENT=INSTALL , SEGTYPE=S ,

FIELDNAME=AIRFLDNO	, ALIAS=AIRFLDNO	, FORMAT=I2	, DESCR=130143,\$
TITLE='AIRFLDNO'			
FIELDNAME=AIRFLDNAME	, ALIAS=ANAME	, FORMAT=A30	, DESCR=130047,\$
TITLE='AIRFLDNAME'			
FIELDNAME=RWYLENGTH	, ALIAS=RLN	, FORMAT=I5S	, DESCR=130048,\$
TITLE='RWYLENGTH'			
FIELDNAME=RWYWIDTH	, ALIAS=RWTH	, FORMAT=I3S	, DESCR=130049,\$
TITLE='RWYWIDTH'			
FIELDNAME=AASF	, ALIAS=AASF	, FORMAT=A1	, DESCR=130050,\$
TITLE='AASF'			
FIELDNAME=TOWERAVAIL	, ALIAS=TAV	, FORMAT=A1	, DESCR=130051,\$
TITLE='TOWERAVAIL'			
FIELDNAME=TOWERHRS1	, ALIAS=THR1	, FORMAT=A70	, DESCR=130052,\$
TITLE='TOWERHRS1'			
FIELDNAME=TOWERHRS2	, ALIAS=THR2	, FORMAT=A70	, DESCR=130052,\$
TITLE='TOWERHRS2'			
FIELDNAME=OPSBLDGS	, ALIAS=OPS	, FORMAT=A1	, DESCR=130054,\$
TITLE='OPSBLDGS'			
FIELDNAME=FIRE	, ALIAS=FIRE	, FORMAT=A1	, DESCR=130055,\$
TITLE='FIRE'			
FIELDNAME=AIRSPT1	, ALIAS=AS1	, FORMAT=A70	, DESCR=130056,\$
TITLE='AIRSPT1'			
FIELDNAME=AIRSPT2	, ALIAS=AS2	, FORMAT=A70	, DESCR=130056,\$
TITLE='AIRSPT2'			

SEGNAME=POC , PARENT=INSTALL , SEGTYPE=S ,

FIELDNAME=POCTYP	, ALIAS=POCTYP	, FORMAT=A1	, DESCR=130332,\$
TITLE='POCTYP'			
FIELDNAME=POCORG	, ALIAS=ORG	, FORMAT=A60	, DESCR=130058,\$
TITLE='POCORG'			
FIELDNAME=POCNAME	, ALIAS=PNAME	, FORMAT=A55	, DESCR=130059,\$
TITLE='POCNAME'			
FIELDNAME=OFCSYMB	, ALIAS=SYMB	, FORMAT=A30	, DESCR=130061,\$
TITLE='OFCSYMB'			
FIELDNAME=POCADDR1	, ALIAS=PAD1	, FORMAT=A70	, DESCR=130075,\$
TITLE='POCADDR1'			
FIELDNAME=POCADDR2	, ALIAS=PAD2	, FORMAT=A70	, DESCR=130075,\$
TITLE='POCADDR2'			
FIELDNAME=POCCITY	, ALIAS=PCITY	, FORMAT=A25	, DESCR=130077,\$
TITLE='POCCITY'			
FIELDNAME=POCSTATE	, ALIAS=PST	, FORMAT=A2	, DESCR=130078,\$
TITLE='POCSTATE'			
FIELDNAME=POCZIP	, ALIAS=PZIP	, FORMAT=A10	, DESCR=130079,\$
TITLE='POCZIP'			
FIELDNAME=POCCOMLFON	, ALIAS=COML	, FORMAT=A30	, DESCR=130333,\$
TITLE='POCCOMLFON'			
FIELDNAME=POCAVFON	, ALIAS=AVN	, FORMAT=A30	, DESCR=130334,\$
TITLE='POCAVFON'			

SEGNAME=AREA , PARENT=INSTALL , SEGTYPE=U ,

FIELDNAME=AREATL	, ALIAS=ATL	, FORMAT=I7S	,	
TITLE='AREATL'				DESCR=130091,\$
FIELDNAME=MVRAREA	, ALIAS=MAREA	, FORMAT=I6S	,	
TITLE='MVRAREA'				DESCR=130133,\$
FIELDNAME=LIVEFIRE	, ALIAS=LFR	, FORMAT=A1	,	
TITLE='LIVEFIRE'				DESCR=130093,\$
FIELDNAME=IMPAREA	, ALIAS=IMPA	, FORMAT=I5S	,	
TITLE='IMPAREA'				DESCR=130132,\$
FIELDNAME=DESIMPAREA	, ALIAS=DIA	, FORMAT=I5S	,	
TITLE='DESIMPAREA'				DESCR=130094,\$
FIELDNAME=AREAOPM	, ALIAS=AOPM	, FORMAT=I6S	,	
TITLE='AREAOPM'				DESCR=130092,\$
FIELDNAME=ARTYPTS	, ALIAS=AP	, FORMAT=I3S	,	
TITLE='ARTYPTS'				DESCR=130095,\$
FIELDNAME=OBPTS	, ALIAS=OP	, FORMAT=I3S	,	
TITLE='OBPTS'				DESCR=130096,\$
FIELDNAME=MORTARPTS	, ALIAS=MP	, FORMAT=I3S	,	
TITLE='MORTARPTS'				DESCR=130097,\$
FIELDNAME=HELO	, ALIAS=HELO	, FORMAT=A1	,	
TITLE='HELO'				DESCR=130134,\$
FIELDNAME=CLIMATE	, ALIAS=CLTYP	, FORMAT=A1	,	
TITLE='CLIMATE'				DESCR=130331,\$

SEGNAME=MVRDESC , PARENT=INSTALL , SEGTYPE= ,

FIELDNAME=MVRAREADDESC	, ALIAS=MDES	, FORMAT=A70	,	
TITLE='MVRAREADDESC'				DESCR=130098,\$

SEGNAME=DART , PARENT=INSTALL , SEGTYPE=U ,

FIELDNAME=AREAEXC	, ALIAS=AEXC	, FORMAT=I6S	,	
TITLE='AREAEXC'				DESCR=130099,\$
FIELDNAME=DATEEXC	, ALIAS=DEXC	, FORMAT=YMD	,	
TITLE='DATEEXC'				DESCR=130100,\$
FIELDNAME=AREASHT	, ALIAS=ASHT	, FORMAT=I6S	,	
TITLE='AREASHT'				DESCR=130101,\$
FIELDNAME=DATESHT	, ALIAS=DSHT	, FORMAT=YMD	,	
TITLE='DATESHT'				DESCR=130102,\$

SEGNAME=FACILITY, PARENT=INSTALL , SEGTYPE=U ,

FIELDNAME=BOQ	, ALIAS=BOQ	, FORMAT=I4S	,	
TITLE='BOQ'				DESCR=130105,\$
FIELDNAME=BEQ	, ALIAS=BEQ	, FORMAT=I5S	,	
TITLE='BEQ'				DESCR=130106,\$
FIELDNAME=MESS	, ALIAS=MESS	, FORMAT=I5S	,	
TITLE='MESS'				DESCR=130107,\$
FIELDNAME=MEDNAME	, ALIAS=MED	, FORMAT=A30	,	
TITLE='MEDNAME'				DESCR=130108,\$
FIELDNAME=MEDLOC	, ALIAS=MEDL	, FORMAT=A25	,	

TITLE='MEDLOC' , DESCR=130109,\$
 FIELDNAME=MEDDIST , ALIAS=MDT , FORMAT=I2S ,
 TITLE='MEDDIST' , DESCR=130110,\$
 FIELDNAME=MEDBEDS , ALIAS=MBED , FORMAT=I4S ,
 TITLE='MEDBEDS' , DESCR=130111,\$
 FIELDNAME=DISPENSARY , ALIAS=DISP , FORMAT=A1 ,
 TITLE='DISPENSARY' , DESCR=130112,\$
 FIELDNAME=ADMINBLDG , ALIAS=ADBL , FORMAT=A1 ,
 TITLE='ADMINBLDG' , DESCR=130113,\$
 FIELDNAME=AMMOSTORTYPE , ALIAS=ASTOR , FORMAT=A3 ,
 TITLE='AMMOSTORTYPE' , DESCR=130114,\$
 FIELDNAME=AMMOSTORCAP , ALIAS=ACAP , FORMAT=I7S ,
 TITLE='AMMOSTORCAP' , DESCR=130115,\$
 FIELDNAME=COVSTORAGE , ALIAS=CST , FORMAT=I6S ,
 TITLE='COVSTORAGE' , DESCR=130116,\$
 FIELDNAME=ATPAUTH , ALIAS=ATP , FORMAT=A1 ,
 TITLE='ATPAUTH' , DESCR=130117,\$
 FIELDNAME=MAINBLDG , ALIAS=MBLG , FORMAT=A1 ,
 TITLE='MAINBLDG' , DESCR=130118,\$
 FIELDNAME=YRAROUND , ALIAS=YRAR , FORMAT=A1 ,
 TITLE='YRAROUND' , DESCR=130119,\$
 FIELDNAME=WATERCAP , ALIAS=WCAP , FORMAT=I8S ,
 TITLE='WATERCAP' , DESCR=130120,\$
 FIELDNAME=SEWAGECAP , ALIAS=SCAP , FORMAT=I8S ,
 TITLE='SEWAGECAP' , DESCR=130121,\$

SEGNAME=BRCHSEG , PARENT=INSTALL , SEGTYPE=S ,

FIELDNAME=BRANCH , ALIAS=XBR , FORMAT=A2 ,
 TITLE='BRANCH' , DESCR=130122,\$

SEGNAME=BRNAME , PARENT=BRCHSEG , SEGTYPE=KU ,
 CRFILE= , CRKEY= , CRSEGNAME= , \$
 FIELDNAME=BRANCH , ALIAS=BR , FORMAT=A2 ,
 TITLE=' ' , DESCR= , \$
 FIELDNAME=BR_NAME , ALIAS=BNAME , FORMAT=A35 ,
 TITLE=' ' , DESCR= , \$

SEGNAME=EXHSEG , PARENT=INSTALL , SEGTYPE=S ,

FIELDNAME=ECHELON , ALIAS=XECH , FORMAT=A1 ,
 TITLE='ECHELON' , DESCR=130123,\$
 FIELDNAME=NBRECH , ALIAS=NECH , FORMAT=A1 ,
 TITLE='NBRECH' , DESCR=130124,\$

SEGNAME=ECHNAME , PARENT=EXHSEG , SEGTYPE=KU ,
 CRFILE= , CRKEY= , CRSEGNAME= , \$
 FIELDNAME=ECHELON , ALIAS=ECH , FORMAT=A1 ,
 TITLE=' ' , DESCR= , \$
 FIELDNAME=ECH_NAME , ALIAS=ENAME , FORMAT=A15 ,
 TITLE=' ' , DESCR= , \$

SEGNAME=LTA , PARENT=INSTALL , SEGTYPE=S ,

FIELDNAME=LTANAME , ALIAS=LTA , FORMAT=A30 ,
TITLE='LTANAME' , DESCR=130125,\$
FIELDNAME=LTAAREA , ALIAS=LTAR , FORMAT=I6S ,
TITLE='LTAAREA' , DESCR=130126,\$
FIELDNAME=LTADIST , ALIAS=LTDT , FORMAT=I3S ,
TITLE='LTADIST' , DESCR=130127,\$

SEGNAME=LTAOTH , PARENT=INSTALL , SEGTYPE= ,

FIELDNAME=LTAOTHR , ALIAS=LOTH , FORMAT=A70 ,
TITLE='LTAOTHR' , DESCR=130128,\$

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DF0012

FILE=RANGE , SUFFIX=FOC,
SEGNAME=RNGBAT , SEGTYPE=S ,

FIELDNAME=INSID , ALIAS=XID , FORMAT=I5 , FIELDTYPE=I,
TITLE='INSID' , DESCR=130001,\$

SEGNAME=INSTALL , PARENT=RNGBAT , SEGTYPE=KU,
CRFILE= , CRKEY=INSTLID , CRSEGNAME= , \$
FIELDNAME=INSTLID , ALIAS=XID , FORMAT=I5 ,
TITLE='' , DESCR= , \$
FIELDNAME=XID , ALIAS=INSID , FORMAT=I5 ,
TITLE='' , DESCR= , \$

SEGNAME=ADDRESS , PARENT=INSTALL , SEGTYPE=KL,
CRFILE= , CRKEY= , CRSEGNAME= , \$
FIELDNAME=INSTNAME , ALIAS=NAME , FORMAT=A70 ,
TITLE='' , DESCR= , \$
FIELDNAME=MAJUSER , ALIAS=USER , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=DATADATE , ALIAS=DDATE , FORMAT=YMD ,
TITLE='' , DESCR= , \$
FIELDNAME=MACOM , ALIAS=COM , FORMAT=A15 ,
TITLE='' , DESCR= , \$
FIELDNAME=ARMYAREA , ALIAS=ARMY , FORMAT=A1 ,
TITLE='' , DESCR= , \$
FIELDNAME=ADDRESS1 , ALIAS=AD1 , FORMAT=A70 ,
TITLE='' , DESCR= , \$
FIELDNAME=ADDRESS2 , ALIAS=AD2 , FORMAT=A70 ,
TITLE='' , DESCR= , \$
FIELDNAME=CITY , ALIAS=AD2 , FORMAT=A25 ,
TITLE='' , DESCR= , \$
FIELDNAME=STATE , ALIAS=ST , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=ZIP , ALIAS=ST , FORMAT=A10 ,
TITLE='' , DESCR= , \$
FIELDNAME=KOUNTRY , ALIAS=KCD , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=REGION , ALIAS=REG , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=KOUNTY , ALIAS=KTY , FORMAT=A18 ,
TITLE='' , DESCR= , \$
FIELDNAME=CONGDIST , ALIAS=CD , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=NEARCITY , ALIAS=NCITY , FORMAT=A40 ,
TITLE='' , DESCR= , \$
FIELDNAME=METROCITY , ALIAS=MCITY , FORMAT=A40 ,
TITLE='' , DESCR= , \$
FIELDNAME=METRODIST , ALIAS=MDIST , FORMAT=I3S ,

TITLE=''			DESCR=	\$
FIELDNAME=METROPOP	, ALIAS=POP	, FORMAT=I7S		
TITLE=''			DESCR=	\$
FIELDNAME=BUS	, ALIAS=POP	, FORMAT=A25		
TITLE=''			DESCR=	\$
FIELDNAME=BUSDT	, ALIAS=BDT	, FORMAT=I3S		
TITLE=''			DESCR=	\$
FIELDNAME=RAIL	, ALIAS=RAIL	, FORMAT=A25		
TITLE=''			DESCR=	\$
FIELDNAME=RAILDT	, ALIAS=RDT	, FORMAT=I3S		
TITLE=''			DESCR=	\$
FIELDNAME=AIRCIV	, ALIAS=APTCODE	, FORMAT=A4		
TITLE=''			DESCR=	\$
FIELDNAME=AIRCIVDT	, ALIAS=CDT	, FORMAT=I3S		
TITLE=''			DESCR=	\$
FIELDNAME=AIRMIL	, ALIAS=APTCODE	, FORMAT=A4		
TITLE=''			DESCR=	\$
FIELDNAME=AIRMILDT	, ALIAS=MDT	, FORMAT=I3S		
TITLE=''			DESCR=	\$
FIELDNAME=LATITUDE	, ALIAS=LAT	, FORMAT=I6S		
TITLE=''			DESCR=	\$
FIELDNAME=LATPOS	, ALIAS=LT	, FORMAT=A1		
TITLE=''			DESCR=	\$
FIELDNAME=LONGITUDE	, ALIAS=LON	, FORMAT=I7S		
TITLE=''			DESCR=	\$
FIELDNAME=LONGPOS	, ALIAS=LN	, FORMAT=A1		
TITLE=''			DESCR=	\$
FIELDNAME=GEOLOC	, ALIAS=GLOC	, FORMAT=A4		
TITLE=''			DESCR=	\$
FIELDNAME=ARLOC	, ALIAS=ALOC	, FORMAT=A5		
TITLE=''			DESCR=	\$
FIELDNAME=PROPCONT	, ALIAS=PROP	, FORMAT=A70		
TITLE=''			DESCR=	\$
FIELDNAME=PARENTID	, ALIAS=PID	, FORMAT=I5S		
TITLE=''			DESCR=	\$
FIELDNAME=INTCMTS	, ALIAS=PID	, FORMAT=A70		
TITLE=''			DESCR=	\$

SEGNAME=RANGE , PARENT=RNGBAT , SEGTYPE=S ,

FIELDNAME=RANGENAME	, ALIAS=RNG	, FORMAT=A30	
TITLE='RANGENAME'			DESCR=130145,\$

SEGNAME=RINFO , PARENT=RANGE , SEGTYPE=U ,

FIELDNAME=TYPEFAC	, ALIAS=TFAC	, FORMAT=A1	
TITLE='TYPEFAC'			DESCR=130146,\$
FIELDNAME=INDOOROUT	, ALIAS=IO	, FORMAT=A1	
TITLE='INDOOROUT'			DESCR=130147,\$
FIELDNAME=RNGBSTATUS	, ALIAS=RSTAT	, FORMAT=A1	
TITLE='RNGBSTATUS'			DESCR=130149,\$
FIELDNAME=FIRINGPTS	, ALIAS=FP	, FORMAT=I3S	

TITLE='FIRINGPTS' , DESCR=130148,\$
 FIELDNAME=SMALLCALUSE , ALIAS=SC , FORMAT=A1 ,
 TITLE='SMALLCALUSE' , DESCR=130156,\$
 FIELDNAME=COMMSYS , ALIAS=COMM , FORMAT=A4 ,
 TITLE='COMMSYS' , DESCR=130335,\$
 FIELDNAME=STATUSEXPL1 , ALIAS=STAT1 , FORMAT=A70 ,
 TITLE='STATUSEXPL1' , DESCR=130150,\$
 FIELDNAME=STATUSEXPL2 , ALIAS=STAT2 , FORMAT=A70 ,
 TITLE='STATUSEXPL2' , DESCR=130150,\$
 FIELDNAME=DESCRIP1 , ALIAS=DESC1 , FORMAT=A70 ,
 TITLE='DESCRIP1' , DESCR=130154,\$
 FIELDNAME=DESCRIP2 , ALIAS=DESC2 , FORMAT=A70 ,
 TITLE='DESCRIP2' , DESCR=130154,\$
 FIELDNAME=SIZEDESC , ALIAS=SIZE , FORMAT=A70 ,
 TITLE='SIZEDESC' , DESCR=130337,\$
 FIELDNAME=COORDINATE , ALIAS=COORD , FORMAT=A10 ,
 TITLE='COORDINATE' , DESCR=130409,\$
 FIELDNAME=PRIM_DOF , ALIAS=PDOF , FORMAT=A70 ,
 TITLE='PRIM_DOF' , DESCR=130410,\$
 FIELDNAME=YRBUILD , ALIAS=YRB , FORMAT=Y ,
 TITLE='YRBUILD' , DESCR=130152,\$
 FIELDNAME=DEACTIVE , ALIAS=DEACT , FORMAT=YMD ,
 TITLE='DEACTIVE' , DESCR=130153,\$

SEGNAME=DARTINFO, PARENT=RANGE , SEGTYPE=U ,

FIELDNAME=RNNAME , ALIAS=LRNG , FORMAT=A60 ,
 TITLE='RNNAME' , DESCR=130157,\$
 FIELDNAME=RNNAMEESH , ALIAS=SRNG , FORMAT=A8 ,
 TITLE='RNNAMEESH' , DESCR=130158,\$
 FIELDNAME=USABLEPTS , ALIAS=UFP , FORMAT=I3S ,
 TITLE='USABLEPTS' , DESCR=130161,\$
 FIELDNAME=NONUSEPTS , ALIAS=NFP , FORMAT=I3S ,
 TITLE='NONUSEPTS' , DESCR=130162,\$

SEGNAME=MILCON , PARENT=RANGE , SEGTYPE=U ,

FIELDNAME=MCNUMBER , ALIAS=MN , FORMAT=A15 ,
 TITLE='MCNUMBER' , DESCR=130176,\$
 FIELDNAME=MCTITLE , ALIAS=MT , FORMAT=A70 ,
 TITLE='MCTITLE' , DESCR=130177,\$
 FIELDNAME=MCDESCRIP , ALIAS=MD , FORMAT=A70 ,
 TITLE='MCDESCRIP' , DESCR=130178,\$
 FIELDNAME=MCFYCONST , ALIAS=FYCON , FORMAT=Y ,
 TITLE='MCFYCONST' , DESCR=130179,\$
 FIELDNAME=MCFYCOMPL , ALIAS=FYC , FORMAT=Y ,
 TITLE='MCFYCOMPL' , DESCR=130180,\$
 FIELDNAME=MCACTCOMPL , ALIAS=ACT , FORMAT=YMD ,
 TITLE='MCACTCOMPL' , DESCR=130181,\$
 FIELDNAME=MCSTATUS , ALIAS=MSTAT , FORMAT=I3S ,
 TITLE='MCSTATUS' , DESCR=130182,\$
 FIELDNAME=MCREMARKS , ALIAS=MCREM , FORMAT=A70 ,

TITLE='MCREMARKS' , DESCR=130183,\$
 FIELDNAME=MCRANGECAT , ALIAS=MCCAT , FORMAT=A5 ,
 TITLE='MCRANGECAT' , DESCR=130184,\$
 FIELDNAME=MCSTD , ALIAS=STD , FORMAT=A1 ,
 TITLE='MCSTD' , DESCR=130185,\$
 FIELDNAME=ESTCOST , ALIAS=COST , FORMAT=D9.OM ,
 TITLE='ESTCOST' , DESCR=130187,\$
 FIELDNAME=FUNDS , ALIAS=FUNDS , FORMAT=A6 ,
 TITLE='FUNDS' , DESCR=130188,\$

SEGNAME=RINFOEX , PARENT=RANGE , SEGTYPE=U ,

FIELDNAME=ELECTRIC , ALIAS=ELEC , FORMAT=A1 ,
 TITLE='ELECTRIC' , DESCR=130159,\$
 FIELDNAME=ELECTRKNK , ALIAS=ETRNK , FORMAT=A30 ,
 TITLE='ELECTRKNK' , DESCR=130160,\$
 FIELDNAME=AMMOBRKDN , ALIAS=AB , FORMAT=I2S ,
 TITLE='AMMOBRKDN' , DESCR=130163,\$
 FIELDNAME=BLEACHERS , ALIAS=BL , FORMAT=I2S ,
 TITLE='BLEACHERS' , DESCR=130164,\$
 FIELDNAME=BIVOUAC , ALIAS=BIV , FORMAT=I2S ,
 TITLE='BIVOUAC' , DESCR=130165,\$
 FIELDNAME=CLASSROOM , ALIAS=CL , FORMAT=I2S ,
 TITLE='CLASSROOM' , DESCR=130166,\$
 FIELDNAME=TOWER , ALIAS=CT , FORMAT=I2S ,
 TITLE='TOWER' , DESCR=130167,\$
 FIELDNAME=LATRINE , ALIAS=LA , FORMAT=I2S ,
 TITLE='LATRINE' , DESCR=130168,\$
 FIELDNAME=COVMESS , ALIAS=MESS , FORMAT=I2S ,
 TITLE='COVMESS' , DESCR=130169,\$
 FIELDNAME=PARKAREA , ALIAS=PA , FORMAT=I2S ,
 TITLE='PARKAREA' , DESCR=130170,\$
 FIELDNAME=SHEDS , ALIAS=SD , FORMAT=I2S ,
 TITLE='SHEDS' , DESCR=130171,\$
 FIELDNAME=OTHER , ALIAS=OT , FORMAT=I2S ,
 TITLE='OTHER' , DESCR=130173,\$
 FIELDNAME=OTHDESCR1 , ALIAS=D1 , FORMAT=A70 ,
 TITLE='OTHDESCR1' , DESCR=130174,\$
 FIELDNAME=OTHDESCR2 , ALIAS=D2 , FORMAT=A70 ,
 TITLE='OTHDESCR2' , DESCR=130174,\$
 FIELDNAME=WATERSYS , ALIAS=WS , FORMAT=A1 ,
 TITLE='WATERSYS' , DESCR=130172,\$
 FIELDNAME=LASER , ALIAS=LASER , FORMAT=A1 ,
 TITLE='LASER' , DESCR=130341,\$
 FIELDNAME=LASERCOMMENT , ALIAS=LASC , FORMAT=A70 ,
 TITLE='LASERCOMMENT' , DESCR=130342,\$
 FIELDNAME=LIGHTED , ALIAS=LITE , FORMAT=A1 ,
 TITLE='LIGHTED' , DESCR=130328,\$
 FIELDNAME=MANEUVERAUTH , ALIAS=MANV , FORMAT=A1 ,
 TITLE='MANEUVERAUTH' , DESCR=130343,\$
 FIELDNAME=NIGHTUSE , ALIAS=NITE , FORMAT=A1 ,
 TITLE='NIGHTUSE' , DESCR=130327,\$

FIELDNAME=POLDIST	, ALIAS=POL	, FORMAT=I2S	,
TITLE='POLDIST'			DESCR=130344,\$
FIELDNAME=RATDIST	, ALIAS=RAT	, FORMAT=I2S	,
TITLE='RATDIST'			DESCR=130345,\$
FIELDNAME=AMMODIST	, ALIAS=AMM	, FORMAT=I2S	,
TITLE='AMMODIST'			DESCR=130346,\$
FIELDNAME=LANDACCESS	, ALIAS=LACC	, FORMAT=I2S	,
TITLE='LANDACCESS'			DESCR=130347,\$
FIELDNAME=WATRACCESS	, ALIAS=WACC	, FORMAT=I2S	,
TITLE='WATRACCESS'			DESCR=130348,\$
FIELDNAME=AIRINGRESS	, ALIAS=AING	, FORMAT=I2S	,
TITLE='AIRINGRESS'			DESCR=130349,\$
FIELDNAME=AIREGRESS	, ALIAS=AEGR	, FORMAT=I2S	,
TITLE='AIREGRESS'			DESCR=130350,\$
FIELDNAME=BCHACCESS	, ALIAS=BACC	, FORMAT=I2S	,
TITLE='BCHACCESS'			DESCR=130351,\$
FIELDNAME=SLROCK	, ALIAS=ROCK	, FORMAT=I3S	,
TITLE='SLROCK'			DESCR=130352,\$
FIELDNAME=SLSAND	, ALIAS=SAND	, FORMAT=I3S	,
TITLE='SLSAND'			DESCR=130353,\$
FIELDNAME=SLCLAY	, ALIAS=CLAY	, FORMAT=I3S	,
TITLE='SLCLAY'			DESCR=130354,\$
FIELDNAME=SLSWAMP	, ALIAS=SWMP	, FORMAT=I3S	,
TITLE='SLSWAMP'			DESCR=130355,\$
FIELDNAME=SLLOAMY	, ALIAS=LOAM	, FORMAT=I3S	,
TITLE='SLLOAMY'			DESCR=130356,\$
FIELDNAME=SLOTHER	, ALIAS=OTHR	, FORMAT=I3S	,
TITLE='SLOTHER'			DESCR=130357,\$
FIELDNAME=OTHRDESC	, ALIAS=ODES	, FORMAT=A70	,
TITLE='OTHRDESC'			DESCR=130358,\$
FIELDNAME=TRMOUNT	, ALIAS=MNTN	, FORMAT=I3S	,
TITLE='TRMOUNT'			DESCR=130359,\$
FIELDNAME=TRHILLY	, ALIAS=HILL	, FORMAT=I3S	,
TITLE='TRHILLY'			DESCR=130360,\$
FIELDNAME=TRROLLING	, ALIAS=ROLL	, FORMAT=I3S	,
TITLE='TRROLLING'			DESCR=130361,\$
FIELDNAME=TRDESERT	, ALIAS=DSRT	, FORMAT=I3S	,
TITLE='TRDESERT'			DESCR=130362,\$
FIELDNAME=TRBEACH	, ALIAS=BCH	, FORMAT=I3S	,
TITLE='TRBEACH'			DESCR=130363,\$
FIELDNAME=TRLEVEL	, ALIAS=LEVL	, FORMAT=I3S	,
TITLE='TRLEVEL'			DESCR=130364,\$
FIELDNAME=TRWATER	, ALIAS=WATR	, FORMAT=I3S	,
TITLE='TRWATER'			DESCR=130365,\$

SEGNAME= RNGCAP , PARENT=RANGE , SEGTYPE=S ,

FIELDNAME=CAPBILAOC	, ALIAS=CAOC	, FORMAT=I1S	,
TITLE='CAPBILAOC'			DESCR=130338,\$

SEGNAME=USES , PARENT=RNGCAP , SEGTYPE=S ,
 FIELDNAME=CODESEQ , ALIAS=CQ , FORMAT=I2S ,
 TITLE='CODESEQ' , DESCR=130191,\$
 FIELDNAME=USECODE , ALIAS=RNGUSECODE, FORMAT=I4S ,
 TITLE='USECODE' , DESCR=130192,\$
 FIELDNAME=USE , ALIAS=RNGUSECODE, FORMAT=A70 ,
 TITLE='USE' , DESCR=130194,\$

 SEGNAME=ONE , PARENT=USES , SEGTYPE=KU,
 CRFILE= , CRKEY=RNGUSECODE , CRSEGNAME= , \$

 FIELDNAME=RNGUSECODE , ALIAS=RCC , FORMAT=I4 ,
 TITLE='' , DESCR= , \$
 FIELDNAME=RNGUSEDSC , ALIAS=RCD , FORMAT=A60 ,
 TITLE='' , DESCR= , \$
 FIELDNAME=RNGCATCODE , ALIAS=RCAT , FORMAT=A5 ,
 TITLE='' , DESCR= , \$

 SEGNAME=WEPS , PARENT=RNGCAP , SEGTYPE=S ,

 FIELDNAME=WEAPCODE , ALIAS=WEAPCODE , FORMAT=I3S ,
 TITLE='WEAPCODE' , DESCR=130196,\$
 FIELDNAME=WEAP , ALIAS=WEAP , FORMAT=A50 ,
 TITLE='WEAP' , DESCR=130197,\$

 SEGNAME=ONE , PARENT=WEPS , SEGTYPE=KU,
 CRFILE= , CRKEY=WEAPCODE , CRSEGNAME= , \$
 FIELDNAME=WEAPCODE , ALIAS=WC , FORMAT=I3 ,
 TITLE='' , DESCR= , \$
 FIELDNAME=WEAPDESC , ALIAS=WD , FORMAT=A30 ,
 TITLE='' , DESCR= , \$

 SEGNAME=AMMO , PARENT=RNGCAP , SEGTYPE=S ,

 FIELDNAME=AMMOCODE , ALIAS=AMMOCODE , FORMAT=I3S ,
 TITLE='AMMOCODE' , DESCR=130199,\$
 FIELDNAME=AMMO , ALIAS=AMMOCODE , FORMAT=A20 ,
 TITLE='AMMO' , DESCR=130200,\$

 SEGNAME=ONE , PARENT=AMMO , SEGTYPE=KU,
 CRFILE= , CRKEY=AMMOCODE , CRSEGNAME= , \$
 FIELDNAME=AMMOCODE , ALIAS=AC , FORMAT=I3 ,
 TITLE='' , DESCR= , \$
 FIELDNAME=AMMODESC , ALIAS=AD , FORMAT=A30 ,
 TITLE='' , DESCR= , \$

 SEGNAME=NEWEP , PARENT=RNGCAP , SEGTYPE=S ,

 FIELDNAME=NEWWEAP , ALIAS=NEWWEAP , FORMAT=A50 ,
 TITLE='NEWWEAP' , DESCR=130201,\$

SEGNAME=NAMMO , PARENT=RNGCAP , SEGTYPE=S ,
 FIELDNAME=NEWAMMO , ALIAS=NEWAMMO , FORMAT=A20 ,
 TITLE='NEWAMMO' , DESCR=130202,\$
 SEGNAME=RESTR , PARENT=RANGE , SEGTYPE=S ,
 FIELDNAME=RESTRAOC , ALIAS=RAOC , FORMAT=I1S ,
 TITLE='RESTRAOC' , DESCR=130418,\$
 SEGNAME=RESTINFO, PARENT=RESTR , SEGTYPE= ,
 FIELDNAME=RESTTEXT , ALIAS=RT , FORMAT=A70 ,
 TITLE='RESTTEXT' , DESCR=130204,\$
 SEGNAME=TSDAO C , PARENT=RANGE , SEGTYPE=S ,
 FIELDNAME=TSdtype , ALIAS=TSd , FORMAT=A1 ,
 TITLE='TSdtype' , DESCR=130401,\$
 SEGNAME=TSdINFO , PARENT=TSDAO C , SEGTYPE=S ,
 FIELDNAME=TSdNAME , ALIAS=TGT , FORMAT=A30 ,
 TITLE='TSdNAME' , DESCR=130221,\$
 FIELDNAME=TSdQUANT , ALIAS=TQUAN , FORMAT=I3S ,
 TITLE='TSdQUANT' , DESCR=130222,\$
 FIELDNAME=TSdPOWER , ALIAS=TPWR , FORMAT=A7 ,
 TITLE='TSdPOWER' , DESCR=130223,\$
 FIELDNAME=TSdCOND , ALIAS=TCON , FORMAT=A70 ,
 TITLE='TSdCOND' , DESCR=130224,\$
 FIELDNAME=TSdREMARKS , ALIAS=TREM , FORMAT=A70 ,
 TITLE='TSdREMARKS' , DESCR=130225,\$
 SEGNAME=UNITSIZE, PARENT=RANGE , SEGTYPE=S ,
 FIELDNAME=ECHELON , ALIAS=XECH , FORMAT=A1 ,
 TITLE='ECHELON' , DESCR=130123,\$
 FIELDNAME=ECHNBR , ALIAS=ECHNBR , FORMAT=I1 ,
 TITLE='ECHNBR' , DESCR=130124,\$
 SEGNAME=ECHNAME , PARENT=UNITSIZE, SEGTYPE=KU,
 CRFILE= , CRKEY=ECHELON , CRSEGNAME= , \$
 FIELDNAME=ECHELON , ALIAS=ECH , FORMAT=A1 ,
 TITLE='' , DESCR= , \$
 FIELDNAME=ECH_NAME , ALIAS=ENAME , FORMAT=A15 ,
 TITLE='' , DESCR= , \$
 SEGNAME=BRCHSEG , PARENT=RANGE , SEGTYPE=S ,
 FIELDNAME=BRANCH , ALIAS=XBR , FORMAT=A2 ,
 TITLE='BRANCH' , DESCR=130122,\$

SEGNAME=BRNAME , PARENT=BRCHSEG , SEGTYPE=KU,
 CRFILE= , CRKEY=BRANCH , CRSEGNAME= , \$
 FIELDNAME=BRANCH , ALIAS=BR , FORMAT=A2 ,
 TITLE=' ' , DESCR= , \$
 FIELDNAME=BR_NAME , ALIAS=BNAME , FORMAT=A35 ,
 TITLE=' ' , DESCR= , \$

SEGNAME=SUA , PARENT=RANGE , SEGTYPE=S ,
 FIELDNAME=SUANAME , ALIAS=SUA , FORMAT=A26 ,
 TITLE='SUANAME' , DESCR=130367,\$

DF0013

FILE=RNGUSE , SUFFIX=FOC,
 SEGNAME=ONE , SEGTYPE=S ,

FIELDNAME=RNGUSECODE , ALIAS=RCC , FORMAT=I4 ,
 TITLE='RNGUSECODE' , DESCR=130192,\$
 FIELDNAME=RNGUSEDISC , ALIAS=RCD , FORMAT=A60 ,
 TITLE='RNGUSEDISC' , DESCR=130237,\$
 FIELDNAME=RNGCATCODE , ALIAS=RCAT , FORMAT=A5 ,
 TITLE='RNGCATCODE' , DESCR=130193,\$

DF0014

FILE=REGION , SUFFIX=FOC,
 SEGNAME=REGCNTRY, SEGTYPE= ,

FIELDNAME=KOUNTRYCODE , ALIAS=KCD , FORMAT=A2 ,
 TITLE='COUNTRIES OF THE WORLD' , DESCR=130012,\$
 FIELDNAME=REGCODE , ALIAS=RCD , FORMAT=A2 , FIELDTYPE=I,
 TITLE='REGION OF COUNTRY' , DESCR=130129,\$
 FIELDNAME=REGNAME , ALIAS=RNM , FORMAT=A35 ,
 TITLE='REGION NAME' , DESCR=130254,\$

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DF0015

FILE=STATES , SUFFIX=FOC,
SEGNAME=ONE , SEGTYPE= ,

FIELDNAME=STATEABBR , ALIAS=ASTATE , FORMAT=A2 , FIELDTYPE=I,
TITLE='STATE ABBREVIATION' , DESCR=130010,\$
FIELDNAME=STATENAME , ALIAS=STNAME , FORMAT=A25 ,
TITLE='STATE NAME' , DESCR=130249,\$

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DF0016

FILE=TRNGAREA, SUFFIX=FOC,
SEGNAME=AREA , SEGTYPE=S ,

FIELDNAME=INSTID , ALIAS=XID , FORMAT=I5 , FIELDTYPE=I,
TITLE='INSTID' , DESCR=130001,\$

SEGNAME=INSTALL , PARENT=AREA , SEGTYPE=KU,
CRFILE= , CRKEY=INSTLID , CRSEGNAME= , \$
FIELDNAME=INSTLID , ALIAS=XID , FORMAT=I5 ,
TITLE='' , DESCR= , \$
FIELDNAME=XID , ALIAS=INSTID , FORMAT=I5 ,
TITLE='' , DESCR= , \$

SEGNAME=ADDRESS , PARENT=INSTALL , SEGTYPE=KL,
CRFILE= , CRKEY= , CRSEGNAME= , \$
FIELDNAME=INSTLNAME , ALIAS=NAME , FORMAT=A70 ,
TITLE='' , DESCR= , \$
FIELDNAME=MAJUSER , ALIAS=USER , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=DATADATE , ALIAS=DDATE , FORMAT=YMD ,
TITLE='' , DESCR= , \$
FIELDNAME=MACOM , ALIAS=COM , FORMAT=A15 ,
TITLE='' , DESCR= , \$
FIELDNAME=ARMYAREA , ALIAS=ARMY , FORMAT=A1 ,
TITLE='' , DESCR= , \$
FIELDNAME=ADDRESS1 , ALIAS=AD1 , FORMAT=A70 ,
TITLE='' , DESCR= , \$
FIELDNAME=ADDRESS2 , ALIAS=AD2 , FORMAT=A70 ,
TITLE='' , DESCR= , \$
FIELDNAME=CITY , ALIAS=AD2 , FORMAT=A25 ,
TITLE='' , DESCR= , \$
FIELDNAME=STATE , ALIAS=ST , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=ZIP , ALIAS=ST , FORMAT=A10 ,
TITLE='' , DESCR= , \$
FIELDNAME=KOUNTRY , ALIAS=KCD , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=REGION , ALIAS=REG , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=KOUNTY , ALIAS=KTY , FORMAT=A18 ,
TITLE='' , DESCR= , \$
FIELDNAME=CONGDIST , ALIAS=CD , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=NEARCITY , ALIAS=NCITY , FORMAT=A40 ,
TITLE='' , DESCR= , \$
FIELDNAME=METROCITY , ALIAS=MCITY , FORMAT=A40 ,
TITLE='' , DESCR= , \$
FIELDNAME=METRODIST , ALIAS=MDIST , FORMAT=I3S ,

TITLE=''			DESCR=	\$
FIELDNAME=METROPOP	, ALIAS=POP	, FORMAT=I7S		
TITLE=''			DESCR=	\$
FIELDNAME=BUS	, ALIAS=POP	, FORMAT=A25		
TITLE=''			DESCR=	\$
FIELDNAME=BUSDT	, ALIAS=BDT	, FORMAT=I3S		
TITLE=''			DESCR=	\$
FIELDNAME=RAIL	, ALIAS=RAIL	, FORMAT=A25		
TITLE=''			DESCR=	\$
FIELDNAME=RAILDT	, ALIAS=RDT	, FORMAT=I3S		
TITLE=''			DESCR=	\$
FIELDNAME=AIRCIV	, ALIAS=APTCODE	, FORMAT=A4		
TITLE=''			DESCR=	\$
FIELDNAME=AIRCIVDT	, ALIAS=CDT	, FORMAT=I3S		
TITLE=''			DESCR=	\$
FIELDNAME=AIRMIL	, ALIAS=APTCODE	, FORMAT=A4		
TITLE=''			DESCR=	\$
FIELDNAME=AIRMILDT	, ALIAS=MDT	, FORMAT=I3S		
TITLE=''			DESCR=	\$
FIELDNAME=LATITUDE	, ALIAS=LAT	, FORMAT=I6S		
TITLE=''			DESCR=	\$
FIELDNAME=LATPOS	, ALIAS=LT	, FORMAT=A1		
TITLE=''			DESCR=	\$
FIELDNAME=LONGITUDE	, ALIAS=LON	, FORMAT=I7S		
TITLE=''			DESCR=	\$
FIELDNAME=LONGPOS	, ALIAS=LN	, FORMAT=A1		
TITLE=''			DESCR=	\$
FIELDNAME=GEOLOC	, ALIAS=GLOC	, FORMAT=A4		
TITLE=''			DESCR=	\$
FIELDNAME=ARLOC	, ALIAS=ALOC	, FORMAT=A5		
TITLE=''			DESCR=	\$
FIELDNAME=PROPCONT	, ALIAS=PROP	, FORMAT=A70		
TITLE=''			DESCR=	\$
FIELDNAME=PARENTID	, ALIAS=PID	, FORMAT=I5S		
TITLE=''			DESCR=	\$
FIELDNAME=INTCMTS	, ALIAS=PID	, FORMAT=A70		
TITLE=''			DESCR=	\$

SEGNAME=TRNGAREA, PARENT=AREA , SEGTYPE=S ,

FIELDNAME=TANAME	, ALIAS=TA	, FORMAT=A30	
TITLE='TANAME'			DESCR=130368,\$

SEGNAME=TINFO , PARENT=TRNGAREA, SEGTYPE=U ,

FIELDNAME=STATUS	, ALIAS=STAT	, FORMAT=A1	
TITLE='STATUS'			DESCR=130149,\$
FIELDNAME=TYPETA	, ALIAS=TYA	, FORMAT=A1	
TITLE='TYPETA'			DESCR=
FIELDNAME=TSTAT1	, ALIAS=TS1	, FORMAT=A70	
TITLE='TSTAT1'			DESCR=130150,\$
FIELDNAME=TSTAT2	, ALIAS=TS2	, FORMAT=A70	

TITLE='TSTAT2' , DESCR=130150,\$
 FIELDNAME=TDESC1 , ALIAS=TD1 , FORMAT=A70 ,
 TITLE='TDESC1' , DESCR=130154,\$
 FIELDNAME=COMMSYS , ALIAS=COMM , FORMAT=A4 ,
 TITLE='COMMSYS' , DESCR=130335,\$
 FIELDNAME=SIZE , ALIAS=SIZE , FORMAT=A70 ,
 TITLE='SIZE' , DESCR=130337,\$
 FIELDNAME=COORDINATE , ALIAS=COORD , FORMAT=A10 ,
 TITLE='COORDINATE' , DESCR=130409,\$
 FIELDNAME=TRNGAREA , ALIAS=LOC , FORMAT=A30 ,
 TITLE='TRNGAREA' , DESCR=130371,\$

SEGNAME=CONSTR , PARENT=TRNGAREA, SEGTYPE=U ,

FIELDNAME=MCNUMBER , ALIAS=MN , FORMAT=A15 ,
 TITLE='MCNUMBER' , DESCR=130176,\$
 FIELDNAME=MCTITLE , ALIAS=MT , FORMAT=A70 ,
 TITLE='MCTITLE' , DESCR=130177,\$
 FIELDNAME=DESCRIP , ALIAS=DES , FORMAT=A70 ,
 TITLE='DESCRIP' , DESCR=130178,\$
 FIELDNAME=FYCONST , ALIAS=FYCON , FORMAT=Y ,
 TITLE='FYCONST' , DESCR=130179,\$
 FIELDNAME=FYCOMPL , ALIAS=FYC , FORMAT=Y ,
 TITLE='FYCOMPL' , DESCR=130180,\$
 FIELDNAME=MCACTCOMPL , ALIAS=ACT , FORMAT=YMD ,
 TITLE='MCACTCOMPL' , DESCR=130181,\$
 FIELDNAME=MCSTATUS , ALIAS=MSTAT , FORMAT=I3S ,
 TITLE='MCSTATUS' , DESCR=130182,\$
 FIELDNAME=REMARKS , ALIAS=REM , FORMAT=A70 ,
 TITLE='REMARKS' , DESCR=130183,\$
 FIELDNAME=ESTCOST , ALIAS=COST , FORMAT=D9.OM ,
 TITLE='ESTCOST' , DESCR=130187,\$
 FIELDNAME=FUNDS , ALIAS=FUNDS , FORMAT=A6 ,
 TITLE='FUNDS' , DESCR=130188,\$
 FIELDNAME=SIZE , ALIAS=SIZE , FORMAT=A70 ,
 TITLE='SIZE' , DESCR=130337,\$

SEGNAME=TINFO1 , PARENT=TRNGAREA, SEGTYPE=U ,

FIELDNAME=ELEC , ALIAS=EL , FORMAT=A1 ,
 TITLE='ELEC' , DESCR=130159,\$
 FIELDNAME=ELECTRUNK , ALIAS=TRK , FORMAT=A30 ,
 TITLE='ELECTRUNK' , DESCR=130160,\$
 FIELDNAME=BLEACHERS , ALIAS=BL , FORMAT=I2S ,
 TITLE='BLEACHERS' , DESCR=130164,\$
 FIELDNAME=BIVOUAC , ALIAS=BIV , FORMAT=I2S ,
 TITLE='BIVOUAC' , DESCR=130165,\$
 FIELDNAME=CLASSROOMS , ALIAS=CL , FORMAT=I2S ,
 TITLE='CLASSROOMS' , DESCR=130166,\$
 FIELDNAME=TOWERS , ALIAS=TOW , FORMAT=I2S ,
 TITLE='TOWERS' , DESCR=130167,\$
 FIELDNAME=LATRINES , ALIAS=LA , FORMAT=I2S ,

TITLE='LATRINES' , DESCR=130168,\$
 FIELDNAME=COVMESS , ALIAS=MESS , FORMAT=I2S ,
 TITLE='COVMESS' , DESCR=130169,\$
 FIELDNAME=PARKING , ALIAS=PA , FORMAT=I2S ,
 TITLE='PARKING' , DESCR=130170,\$
 FIELDNAME=SHEDS , ALIAS=SHED , FORMAT=I2S ,
 TITLE='SHEDS' , DESCR=130171,\$
 FIELDNAME=OTHER , ALIAS=OTH , FORMAT=I2S ,
 TITLE='OTHER' , DESCR=130173,\$
 FIELDNAME=OTHDESCR1 , ALIAS=ODS1 , FORMAT=A70 ,
 TITLE='OTHDESCR1' , DESCR=130174,\$
 FIELDNAME=OTHDESCR2 , ALIAS=ODS2 , FORMAT=A70 ,
 TITLE='OTHDESCR2' , DESCR=130174,\$
 FIELDNAME=LASER , ALIAS=LASER , FORMAT=A1 ,
 TITLE='LASER' , DESCR=130341,\$
 FIELDNAME=LASERCMT , ALIAS=LASC , FORMAT=A70 ,
 TITLE='LASERCMT' , DESCR=130342,\$
 FIELDNAME=WATERSYS , ALIAS=WS , FORMAT=A1 ,
 TITLE='WATERSYS' , DESCR=130172,\$
 FIELDNAME=NIGHTUSE , ALIAS=NITE , FORMAT=A1 ,
 TITLE='NIGHTUSE' , DESCR=130327,\$
 FIELDNAME=MANVAUTH , ALIAS=MAN , FORMAT=A1 ,
 TITLE='MANVAUTH' , DESCR=130343,\$
 FIELDNAME=POLDIST , ALIAS=POL , FORMAT=I2S ,
 TITLE='POLDIST' , DESCR=130344,\$
 FIELDNAME=RATDIST , ALIAS=RAT , FORMAT=I2S ,
 TITLE='RATDIST' , DESCR=130345,\$

SEGNAME=TRNGEO , PARENT=TRNGAREA, SEGTYPE=S ,

FIELDNAME=GEOAOC , ALIAS=GEOAOC , FORMAT=A1 ,
 TITLE='GEOAOC' , DESCR=130375,\$

SEGNAME=MEDIA , PARENT=TRNGEO , SEGTYPE=S ,

FIELDNAME=MEDTYPE , ALIAS=MDTY , FORMAT=I1 ,
 TITLE='MEDTYPE' , DESCR=130376,\$
 FIELDNAME=MEDPCT , ALIAS=MDPT , FORMAT=I3S ,
 TITLE='MEDPCT' , DESCR=130377,\$
 FIELDNAME=ACCESSNUM , ALIAS=ANUM , FORMAT=I2S ,
 TITLE='ACCESSNUM' , DESCR=130378,\$

SEGNAME=TUSES , PARENT=TRNGAREA, SEGTYPE=S ,

FIELDNAME=TCODENUM , ALIAS=TCODENUM , FORMAT=I1 ,
 TITLE='TCODENUM' , DESCR=130372,\$
 FIELDNAME=TUSECODE , ALIAS=UCD , FORMAT=I3S ,
 TITLE='TUSECODE' , DESCR=130373,\$
 FIELDNAME=TUSE , ALIAS=TUSE , FORMAT=A70 ,
 TITLE='TUSE' , DESCR=130374,\$

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SEGNAME=USES      , PARENT=TUSES      , SEGTYPE=KU,
CRFILE=           , CRKEY=USECODE      , CRSEGNAME=           , $
FIELDNAME=USECODE , ALIAS=UCD          , FORMAT=I4            ,
  TITLE=''          , DESCR=           , $
FIELDNAME=USEDESC , ALIAS=UDS          , FORMAT=A60           ,
  TITLE=''          , DESCR=           , $

SEGNAME=TRNGUSE   , PARENT=TRNGAREA, SEGTYPE=S ,

FIELDNAME=USEAOC   , ALIAS=           , FORMAT=I1            ,
  TITLE=''          , DESCR=           , $

SEGNAME=TRNGDESC , PARENT=TRNGUSE , SEGTYPE= ,

FIELDNAME=TRNGTEXT , ALIAS=TTEXT      , FORMAT=A70           ,
  TITLE=''          , DESCR=           , $

SEGNAME=TRNGDEV   , PARENT=TRNGAREA, SEGTYPE=S ,

FIELDNAME=TDEVAOC , ALIAS=TDEVAOC    , FORMAT=A1            ,
  TITLE='TDEVAOC'   , DESCR=130402, $

SEGNAME=TSIM      , PARENT=TRNGDEV , SEGTYPE=S ,

FIELDNAME=ASDESCRIP , ALIAS=ASDESC    , FORMAT=A30           ,
  TITLE='ASDESCRIP' , DESCR=130403, $
FIELDNAME=AQUANTITY , ALIAS=AQUAN     , FORMAT=I3S           ,
  TITLE='AQUANTITY' , DESCR=130404, $
FIELDNAME=APOWER    , ALIAS=APWR      , FORMAT=A7            ,
  TITLE='APOWER'    , DESCR=130405, $
FIELDNAME=ACONDITION , ALIAS=ACON      , FORMAT=A70           ,
  TITLE='ACONDITION', DESCR=130406, $
FIELDNAME=AREMARKS  , ALIAS=AREM      , FORMAT=A70           ,
  TITLE='AREMARKS'  , DESCR=130407, $

SEGNAME=UNITTYPE , PARENT=TRNGAREA, SEGTYPE=S ,

FIELDNAME=TABRANCH , ALIAS=BR         , FORMAT=A2            ,
  TITLE='TABRANCH'  , DESCR=130122, $

SEGNAME=BRNAME     , PARENT=UNITTYPE, SEGTYPE=KU,
CRFILE=           , CRKEY=BRANCH    , CRSEGNAME=           , $
FIELDNAME=BRANCH   , ALIAS=BR        , FORMAT=A2            ,
  TITLE=''          , DESCR=           , $
FIELDNAME=BR_NAME  , ALIAS=BNAME     , FORMAT=A35           ,
  TITLE=''          , DESCR=           , $

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SEGNAME=UNITSIZE, PARENT=TRNGAREA, SEGTYPE=S ,

FIELDNAME=TAECHELON , ALIAS=ECH , FORMAT=A1 ,
TITLE='TAECHELON' , DESCR=130123,\$

FIELDNAME=TANOECH , ALIAS=TNOECH , FORMAT=I1S ,
TITLE='TANOECH' , DESCR=130124,\$

SEGNAME=ECHNAME , PARENT=UNITSIZE, SEGTYPE=KU,
CRFILE= , CRKEY=ECHELON , CRSEGNAME= , \$

FIELDNAME=ECHELON , ALIAS=ECH , FORMAT=A1 ,
TITLE='' , DESCR= , \$

FIELDNAME=ECH_NAME , ALIAS=ENAME , FORMAT=A15 ,
TITLE='' , DESCR= , \$

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
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DF0017

FILE=TRNGUSE , SUFFIX=FOC,
SEGNAME=USES , SEGTYPE=S ,

FIELDNAME=USECODE , ALIAS=UCD , FORMAT=I4 , FIELDTYPE=I,
TITLE='USECODE' , DESCR=130373,\$
FIELDNAME=USEDESC , ALIAS=UDS , FORMAT=A60 ,
TITLE='USEDESC' , DESCR=130408,\$

DF0018

FILE=WEAPONS , SUFFIX=A1 ,
SEGNAME=ONE , SEGTYPE= ,

FIELDNAME=WEAPCODE , ALIAS=WC , FORMAT=I3 , FIELDTYPE=I,
TITLE='WEAPONS CODE' , DESCR=130196,\$
FIELDNAME=WEAPDESC , ALIAS=WD , FORMAT=A30 ,
TITLE='WEAPONS DESCRIPTION' , DESCR=130239,\$

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DF0139

FILE=TRNGFAC , SUFFIX=FOC.

SEGNAME=FAC , SEGTYPE=S ,

FIELDNAME=INSTID , ALIAS=XID , FORMAT=I5 , FIELDTYPE=I,
TITLE='INSTID' , DESCR=130001,\$

SEGNAME=INSTALL , PARENT=FAC , SEGTYPE=KU,
CRFILE= , CRKEY=INSTLID , CRSEGNAME= , \$
FIELDNAME=INSTLID , ALIAS=XID , FORMAT=I5 ,
TITLE='' , DESCR= , \$
FIELDNAME=XID , ALIAS=INSTID , FORMAT=I5 ,
TITLE='' , DESCR= , \$

SEGNAME=ADDRESS , PARENT=INSTALL , SEGTYPE=KL,
CRFILE= , CRKEY= , CRSEGNAME= , \$
FIELDNAME=INSTLNAME , ALIAS=NAME , FORMAT=A70 ,
TITLE='' , DESCR= , \$
FIELDNAME=MAJUSER , ALIAS=USER , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=DATADATE , ALIAS=DDATE , FORMAT=YMD ,
TITLE='' , DESCR= , \$
FIELDNAME=MACOM , ALIAS=COM , FORMAT=A15 ,
TITLE='' , DESCR= , \$
FIELDNAME=ARMYAREA , ALIAS=ARMY , FORMAT=A1 ,
TITLE='' , DESCR= , \$
FIELDNAME=ADDRESS1 , ALIAS=AD1 , FORMAT=A70 ,
TITLE='' , DESCR= , \$
FIELDNAME=ADDRESS2 , ALIAS=AD2 , FORMAT=A70 ,
TITLE='' , DESCR= , \$
FIELDNAME=CITY , ALIAS=AD2 , FORMAT=A25 ,
TITLE='' , DESCR= , \$
FIELDNAME=STATE , ALIAS=ST , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=ZIP , ALIAS=ST , FORMAT=A10 ,
TITLE='' , DESCR= , \$
FIELDNAME=KOUNTRY , ALIAS=KCD , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=REGION , ALIAS=REG , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=KOUNTY , ALIAS=KTY , FORMAT=A18 ,
TITLE='' , DESCR= , \$
FIELDNAME=CONGDIST , ALIAS=CD , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=NEARCITY , ALIAS=NCITY , FORMAT=A40 ,
TITLE='' , DESCR= , \$
FIELDNAME=METROCITY , ALIAS=MCITY , FORMAT=A40 ,
TITLE='' , DESCR= , \$
FIELDNAME=METRODIST , ALIAS=MDIST , FORMAT=I3S ,

TITLE=''				DESCR=	,\$
FIELDNAME=METROPOP	, ALIAS=POP	, FORMAT=I7S			
TITLE=''			DESCR=		,\$
FIELDNAME=BUS	, ALIAS=POP	, FORMAT=A25			
TITLE=''			DESCR=		,\$
FIELDNAME=BUSDT	, ALIAS=BDT	, FORMAT=I3S			
TITLE=''			DESCR=		,\$
FIELDNAME=RAIL	, ALIAS=RAIL	, FORMAT=A25			
TITLE=''			DESCR=		,\$
FIELDNAME=RAILDT	, ALIAS=RDT	, FORMAT=I3S			
TITLE=''			DESCR=		,\$
FIELDNAME=AIRCIV	, ALIAS=APTCODE	, FORMAT=A4			
TITLE=''			DESCR=		,\$
FIELDNAME=AIRCIVDT	, ALIAS=CDT	, FORMAT=I3S			
TITLE=''			DESCR=		,\$
FIELDNAME=AIRMIL	, ALIAS=APTCODE	, FORMAT=A4			
TITLE=''			DESCR=		,\$
FIELDNAME=AIRMILDT	, ALIAS=MDT	, FORMAT=I3S			
TITLE=''			DESCR=		,\$
FIELDNAME=LATITUDE	, ALIAS=LAT	, FORMAT=I6S			
TITLE=''			DESCR=		,\$
FIELDNAME=LATPOS	, ALIAS=LT	, FORMAT=A1			
TITLE=''			DESCR=		,\$
FIELDNAME=LONGITUDE	, ALIAS=LON	, FORMAT=I7S			
TITLE=''			DESCR=		,\$
FIELDNAME=LONGPOS	, ALIAS=LN	, FORMAT=A1			
TITLE=''			DESCR=		,\$
FIELDNAME=GEOLOC	, ALIAS=GLOC	, FORMAT=A4			
TITLE=''			DESCR=		,\$
FIELDNAME=ARLOC	, ALIAS=ALOC	, FORMAT=A5			
TITLE=''			DESCR=		,\$
FIELDNAME=PROPCONT	, ALIAS=PROP	, FORMAT=A70			
TITLE=''			DESCR=		,\$
FIELDNAME=PARENTID	, ALIAS=PID	, FORMAT=I5S			
TITLE=''			DESCR=		,\$
FIELDNAME=INTCMTS	, ALIAS=PID	, FORMAT=A70			
TITLE=''			DESCR=		,\$

SEGNAME=TRNGFAC , PARENT=FAC , SEGTYPE=S ,

FIELDNAME=TFNAME	, ALIAS=TF	, FORMAT=A30	
TITLE='TFNAME'			DESCR=130368,\$

SEGNAME=FINFO1 , PARENT=TRNGFAC , SEGTYPE=U ,

FIELDNAME=STATUS	, ALIAS=STAT	, FORMAT=A1	
TITLE='STATUS'			DESCR=130149,\$
FIELDNAME=TYPETF	, ALIAS=TYF	, FORMAT=A1	
TITLE='TYPETF'			DESCR=,\$
FIELDNAME=FSTAT1	, ALIAS=FS1	, FORMAT=A70	
TITLE='FSTAT1'			DESCR=130150,\$
FIELDNAME=FSTAT2	, ALIAS=FS2	, FORMAT=A70	

TITLE='FSTAT2' , DESCR=130150,\$
 FIELDNAME=FDESC , ALIAS=FD , FORMAT=A70 ,
 TITLE='FDESC' , DESCR=130154,\$
 FIELDNAME=INDOOROUT , ALIAS=IO , FORMAT=A1 ,
 TITLE='INDOOROUT' , DESCR=130147,\$
 FIELDNAME=TRNGAREA , ALIAS=TA , FORMAT=A30 ,
 TITLE='TRNGAREA' , DESCR=130371,\$
 FIELDNAME=COMMSYS , ALIAS=COMM , FORMAT=A4 ,
 TITLE='COMMSYS' , DESCR=130335,\$
 FIELDNAME=SIZE , ALIAS=SIZE , FORMAT=A70 ,
 TITLE='SIZE' , DESCR=130337,\$

SEGNAME=CONSTR , PARENT=TRNGFAC , SEGTYPE=U ,

FIELDNAME=MCNUMBER , ALIAS=MN , FORMAT=A15 ,
 TITLE='MCNUMBER' , DESCR=130176,\$
 FIELDNAME=MCTITLE , ALIAS=MT , FORMAT=A70 ,
 TITLE='MCTITLE' , DESCR=130177,\$
 FIELDNAME=DESCRIP , ALIAS=DES , FORMAT=A70 ,
 TITLE='DESCRIP' , DESCR=130178,\$
 FIELDNAME=FYCONST , ALIAS=FYCON , FORMAT=Y ,
 TITLE='FYCONST' , DESCR=130179,\$
 FIELDNAME=FYCOMPL , ALIAS=FYC , FORMAT=Y ,
 TITLE='FYCOMPL' , DESCR=130180,\$
 FIELDNAME=MCACTCOMPL , ALIAS=ACT , FORMAT=YMD ,
 TITLE='MCACTCOMPL' , DESCR=130181,\$
 FIELDNAME=MCSTATUS , ALIAS=MSTAT , FORMAT=I3S ,
 TITLE='MCSTATUS' , DESCR=130182,\$
 FIELDNAME=REMARKS , ALIAS=REM , FORMAT=A70 ,
 TITLE='REMARKS' , DESCR=130183,\$
 FIELDNAME=ESTCOST , ALIAS=COST , FORMAT=D9.0M ,
 TITLE='ESTCOST' , DESCR=130187,\$
 FIELDNAME=FUNDS , ALIAS=FUNDS , FORMAT=A6 ,
 TITLE='FUNDS' , DESCR=130188,\$

SEGNAME=FINFO2 , PARENT=TRNGFAC , SEGTYPE=U ,

FIELDNAME=ELEC , ALIAS=EL , FORMAT=A1 ,
 TITLE='ELEC' , DESCR=130159,\$
 FIELDNAME=BLEACHERS , ALIAS=BL , FORMAT=I2S ,
 TITLE='BLEACHERS' , DESCR=130164,\$
 FIELDNAME=CLASSROOMS , ALIAS=CL , FORMAT=I2S ,
 TITLE='CLASSROOMS' , DESCR=130166,\$
 FIELDNAME=TOWERS , ALIAS=TOW , FORMAT=I2S ,
 TITLE='TOWERS' , DESCR=130167,\$
 FIELDNAME=LATRINES , ALIAS=LA , FORMAT=I2S ,
 TITLE='LATRINES' , DESCR=130168,\$
 FIELDNAME=PARKING , ALIAS=PA , FORMAT=I2S ,
 TITLE='PARKING' , DESCR=130170,\$
 FIELDNAME=SHEDS , ALIAS=SHED , FORMAT=I2S ,
 TITLE='SHEDS' , DESCR=130171,\$
 FIELDNAME=OTHER , ALIAS=OTH , FORMAT=I2S ,

TITLE='OTHER' , DESCR=130173,\$
 FIELDNAME=OTHDESCR1 , ALIAS=ODS1 , FORMAT=A70 ,
 TITLE='OTHDESCR1' , DESCR=130174,\$
 FIELDNAME=OTHDESCR2 , ALIAS=ODS2 , FORMAT=A70 ,
 TITLE='OTHDESCR2' , DESCR=130174,\$
 FIELDNAME=WATERSYS , ALIAS=WS , FORMAT=A1 ,
 TITLE='WATERSYS' , DESCR=130172,\$
 FIELDNAME=NIGHTUSE , ALIAS=NITE , FORMAT=A1 ,
 TITLE='NIGHTUSE' , DESCR=130327,\$
 FIELDNAME=LIGHT , ALIAS=LITE , FORMAT=A1 ,
 TITLE='LIGHT' , DESCR=130328,\$

SEGNAME=FUSES , PARENT=TRNGFAC , SEGTYPE=S ,

FIELDNAME=FCODENUM , ALIAS=FCODENUM , FORMAT=I1 ,
 TITLE='FCODENUM' , DESCR=130372,\$
 FIELDNAME=FUSECODE , ALIAS=UCD , FORMAT=I3S ,
 TITLE='FUSECODE' , DESCR=130373,\$
 FIELDNAME=CATCODE , ALIAS=CATCD , FORMAT=I5S ,
 TITLE='' , DESCR= , \$
 FIELDNAME=FUSE , ALIAS=FUSE , FORMAT=A70 ,
 TITLE='FUSE' , DESCR=130374,\$

SEGNAME=USES , PARENT=FUSES , SEGTYPE=KU ,
 CRFILE= , CRKEY=USECODE , CRSEGNAME= , \$
 FIELDNAME=USECODE , ALIAS=UCD , FORMAT=I4 ,
 TITLE='' , DESCR= , \$
 FIELDNAME=USEDISC , ALIAS=UDS , FORMAT=A60 ,
 TITLE='' , DESCR= , \$

SEGNAME=FACUSE , PARENT=TRNGFAC , SEGTYPE=S ,

FIELDNAME=FACAOAOC , ALIAS= , FORMAT=I1 ,
 TITLE='' , DESCR= , \$

SEGNAME=FACTXT , PARENT=FACUSE , SEGTYPE= ,

FIELDNAME=FACTEXT , ALIAS= , FORMAT=A70 ,
 TITLE='' , DESCR= , \$

SEGNAME=FACDEV , PARENT=TRNGFAC , SEGTYPE=S ,

FIELDNAME=FACUAOC , ALIAS=FACUAOC , FORMAT=A1 ,
 TITLE='FACUAOC' , DESCR=130402,\$

SEGNAME=FSD , PARENT=FACDEV , SEGTYPE=S ,
 FIELDNAME=FSDESCRIP , ALIAS=FSDESC , FORMAT=A30 ,
 TITLE='FSDESCRIP' , DESCR=130403,\$
 FIELDNAME=FQUANTITY , ALIAS=FQUAN , FORMAT=I3S ,
 TITLE='FQUANTITY' , DESCR=130404,\$
 FIELDNAME=FPOWER , ALIAS=FPWR , FORMAT=A7 ,
 TITLE='FPOWER' , DESCR=130405,\$
 FIELDNAME=FCONDITION , ALIAS=FCON , FORMAT=A70 ,
 TITLE='FCONDITION' , DESCR=130406,\$
 FIELDNAME=FREMARKS , ALIAS=FREM , FORMAT=A70 ,
 TITLE='FREMARKS' , DESCR=130407,\$

DF0154

FILE=IDPPC , SUFFIX=FOC,
 SEGNAME=IDPP , SEGTYPE=S ,

FIELDNAME=IDPPC , ALIAS=PPC , FORMAT=I3 ,
 TITLE='IDPPC' , DESCR=130030,\$
 FIELDNAME=IDPPGP , ALIAS=PGP , FORMAT=A22 ,
 TITLE='IDPPGP' , DESCR=130031,\$
 FIELDNAME=IDPPCAT , ALIAS=PCAT , FORMAT=A51 ,
 TITLE='IDPPCAT' , DESCR=130032,\$

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DF0161

FII E=ENCROACH, SUFFIX=FOC,
SEGNAME=ENCRDAT , SEGTYPE=S ,

FIELDNAME=INSID , ALIAS=XID , FORMAT=I5 ,
TITLE='INSID' , DESCR=130001,\$

SEGNAME=INSTALL , PARENT=ENCRDAT , SEGTYPE=KU,
CRFILE= , CRKEY=INSTLID , CRSEGNAME= , \$
FIELDNAME=INSTLID , ALIAS=XID , FORMAT=I5 ,
TITLE='' , DESCR= , \$
FIELDNAME=XID , ALIAS=INSID , FORMAT=I5 ,
TITLE='' , DESCR= , \$

SEGNAME=ADDRESS , PARENT=INSTALL , SEGTYPE=KL,
CRFILE= , CRKEY= , CRSEGNAME= , \$
FIELDNAME=INSTLNAME , ALIAS=NAME , FORMAT=A70 ,
TITLE='' , DESCR= , \$
FIELDNAME=MAJUSER , ALIAS=USER , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=DATADATE , ALIAS=DDATE , FORMAT=YMD ,
TITLE='' , DESCR= , \$
FIELDNAME=MACOM , ALIAS=COM , FORMAT=A15 ,
TITLE='' , DESCR= , \$
FIELDNAME=ARMYARFA , ALIAS=ARMY , FORMAT=A1 ,
TITLE='' , DESCR= , \$
FIELDNAME=ADDRESS1 , ALIAS=AD1 , FORMAT=A70 ,
TITLE='' , DESCR= , \$
FIELDNAME=ADDRESS2 , ALIAS=AD2 , FORMAT=A70 ,
TITLE='' , DESCR= , \$
FIELDNAME=CITY , ALIAS=AD2 , FORMAT=A25 ,
TITLE='' , DESCR= , \$
FIELDNAME=STATE , ALIAS=ST , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=ZIP , ALIAS=ST , FORMAT=A10 ,
TITLE='' , DESCR= , \$
FIELDNAME=KOUNTRY , ALIAS=KCD , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=REGION , ALIAS=REG , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=KOUNTY , ALIAS=KTY , FORMAT=A18 ,
TITLE='' , DESCR= , \$
FIELDNAME=CONGDIST , ALIAS=CD , FORMAT=A2 ,
TITLE='' , DESCR= , \$
FIELDNAME=NEARCITY , ALIAS=NCITY , FORMAT=A40 ,
TITLE='' , DESCR= , \$
FIELDNAME=METROCITY , ALIAS=MCITY , FORMAT=A40 ,
TITLE='' , DESCR= , \$

FIELDNAME=METRODIST	, ALIAS=MDIST	, FORMAT=I3S	, DESCR=	, \$
TITLE=''				
FIELDNAME=METROPOP	, ALIAS=POP	, FORMAT=I7S	, DESCR=	, \$
TITLE=''				
FIELDNAME=BUS	, ALIAS=POP	, FORMAT=A25	, DESCR=	, \$
TITLE=''				
FIELDNAME=BUSDT	, ALIAS=BDT	, FORMAT=I3S	, DESCR=	, \$
TITLE=''				
FIELDNAME=RAIL	, ALIAS=RAIL	, FORMAT=A25	, DESCR=	, \$
TITLE=''				
FIELDNAME=RAILD	, ALIAS=RDT	, FORMAT=I3S	, DESCR=	, \$
TITLE=''				
FIELDNAME=AIRCIV	, ALIAS=APTCODE	, FORMAT=A4	, DESCR=	, \$
TITLE=''				
FIELDNAME=AIRCIVDT	, ALIAS=CDT	, FORMAT=I3S	, DESCR=	, \$
TITLE=''				
FIELDNAME=AIRMIL	, ALIAS=APTCODE	, FORMAT=A4	, DESCR=	, \$
TITLE=''				
FIELDNAME=AIRMILDT	, ALIAS=MDT	, FORMAT=I3S	, DESCR=	, \$
TITLE=''				
FIELDNAME=LATITUDE	, ALIAS=LAT	, FORMAT=I6S	, DESCR=	, \$
TITLE=''				
FIELDNAME=LATPOS	, ALIAS=LT	, FORMAT=A1	, DESCR=	, \$
TITLE=''				
FIELDNAME=LONGITUDE	, ALIAS=LON	, FORMAT=I7S	, DESCR=	, \$
TITLE=''				
FIELDNAME=LONGPOS	, ALIAS=LN	, FORMAT=A1	, DESCR=	, \$
TITLE=''				
FIELDNAME=GEOLOC	, ALIAS=GLOC	, FORMAT=A4	, DESCR=	, \$
TITLE=''				
FIELDNAME=ARLOC	, ALIAS=ALOC	, FORMAT=A5	, DESCR=	, \$
TITLE=''				
FIELDNAME=PROPCONT	, ALIAS=PROP	, FORMAT=A70	, DESCR=	, \$
TITLE=''				
FIELDNAME=PARENTID	, ALIAS=PID	, FORMAT=I5S	, DESCR=	, \$
TITLE=''				
FIELDNAME=INTCMTS	, ALIAS=PID	, FORMAT=A70	, DESCR=	, \$
TITLE=''				

SEGNAME=CAT , PARENT=ENCRDAT , SEGTYPE=S ,

FIELDNAME=ENCRCAT	, ALIAS=CATCD	, FORMAT=A1	, DESCR=130386,	\$
TITLE='ENCRCAT'				

SEGNAME=SUBCAT , PARENT=CAT , SEGTYPE=S ,

FIELDNAME=ENCRSUB	, ALIAS=SUBCD	, FORMAT=A3	, DESCR=130387,	\$
TITLE='ENCRSUB'				

SEGNAME=CATEGORY , PARENT=SUBCAT , SEGTYPE=KU ,
 CRFILE= , CRKEY=CODE , CRSEGNAME= , \$
 FIELDNAME=CODE , ALIAS=SUBCD , FORMAT=A3 ,
 TITLE=' ' , DESCR= , \$
 FIELDNAME=SUBTITLE , ALIAS=STITL , FORMAT=A33 ,
 TITLE=' ' , DESCR= , \$

SEGNAME=PROBLEM , PARENT=SUBCAT , SEGTYPE=S ,

FIELDNAME=SEQ , ALIAS=SEQ , FORMAT=I1 ,
 TITLE='SEQ' , DESCR=130392,\$
 FIELDNAME=ISSUE , ALIAS=ISSUE , FORMAT=A70 ,
 TITLE='ISSUE' , DESCR=130388,\$
 FIELDNAME=STATDATE , ALIAS=SDATE , FORMAT=YMD ,
 TITLE='STATDATE' , DESCR=130389,\$
 FIELDNAME=INTCMTS , ALIAS=INTCMTS , FORMAT=A70 ,
 TITLE='INTCMTS' , DESCR=130329,\$
 FIELDNAME=UPDATE , ALIAS=UPDATE , FORMAT=YMD ,
 TITLE='UPDATE' , DESCR=130016,\$

SEGNAME=ENCRNARR , PARENT=PROBLEM , SEGTYPE=S ,

FIELDNAME=ENCRAOC , ALIAS=EAOC , FORMAT=I1S ,
 TITLE='ENCRAOC' , DESCR=130390,\$

SEGNAME=DESCR , PARENT=ENCRNARR , SEGTYPE= ,

FIELDNAME=ENCRDESC , ALIAS=EDES , FORMAT=A70 ,
 TITLE='ENCRDESC' , DESCR=130391,\$

SEGNAME=POC , PARENT=PROBLEM , SEGTYPE=S ,

FIELDNAME=POCTYP , ALIAS=POCTYP , FORMAT=I1 ,
 TITLE='POCTYP' , DESCR=130332,\$
 FIELDNAME=POCORG , ALIAS=ORG , FORMAT=A60 ,
 TITLE='POCORG' , DESCR=130058,\$
 FIELDNAME=POCNAME , ALIAS=PNAME , FORMAT=A45 ,
 TITLE='POCNAME' , DESCR=130059,\$
 FIELDNAME=POCCITY , ALIAS=PCITY , FORMAT=A25 ,
 TITLE='POCCITY' , DESCR=130077,\$
 FIELDNAME=POCSTATE , ALIAS=PST , FORMAT=A2 ,
 TITLE='POCSTATE' , DESCR=130010,\$
 FIELDNAME=POCCOMLFON , ALIAS=COML , FORMAT=A30 ,
 TITLE='POCCOMLFON' , DESCR=130333,\$
 FIELDNAME=POCAVFON , ALIAS=AVN , FORMAT=A30 ,
 TITLE='POCAVFON' , DESCR=130334,\$

DEFENSE INSTALLATIONS, RANGES, AND TRAINING AREAS
MASTER FILE DESCRIPTIONS

DF0162

FILE=SUBCATRY, SUFFIX=FOC,
SEGNAME=CATEGORY, SEGTYPE=S ,

FIELDNAME=CODE	, ALIAS=SUBCD	, FORMAT=A3	,
TITLE='CODE'			, DESCR=130393,\$
FIELDNAME=SUBTITLE	, ALIAS=STITL	, FORMAT=A33	,
TITLE='SUBTITLE'			, DESCR=130394,\$

Appendix B

Reports

Data Reports	B-1-1
Sample Weapon Training Facilities Report	B-2-1
Sample Small Caliber Report (extract)	B-3-1
Reports List	B-4-1

Data Reports

A number of standardized data reports have been developed for both internal TPDC use and for use by various external users. A description of the standardized reports developed at completion of this phase are:

Internal TPDC reports

Installation Report - This report provides output of all data elements established for an individual installation. It is used for checking the accuracy of the data in a hard copy form. The report may provide data for a single installation or multiple installations.

Range Report - This report provides output of all data elements established for an individual range. It is used for checking the accuracy of the data in a hard copy form. The report may provide data for a single land warfare range on an installation, multiple ranges, or all ranges for the installation.

Unit Training Area Report - This report provides output of all data elements established for an individual training area. It is used for checking the accuracy of the data in a hard copy form. The report may provide data for a single land warfare training area on an installation, multiple training areas, or all training areas for the installation.

Unit Training Facilities Report - This report provides output of all data elements established for an individual training facility. It is used for checking the accuracy of the data in a hard copy form. The report may provide data for a single training facility on an installation, multiple training facilities, or all training facilities for the installation.

External Reports

Installation Report - This report provides output of selected data elements for an individual installation. It was developed for use by Army and Army National Guard Users. The report provides data for a single installation.

Range Report - This report provides output of selected data elements established for an individual land warfare range. It was developed for use by Army and Army National Guard Users. The report provides data for all ranges for the installation. It is provided in combination with the Installation Report.

Unit Training Area Report - This report provides output of selected data elements established for an individual land warfare training area. The report provides data for all training areas for the installation. It is provided in combination with the Installation Report. It may also be provided with the Range Report.

Unit Training Facilities Report - This report provides output of selected data elements established for an individual training facility. The report provides data for all training facilities for the installation. It is provided in combination with the Installation Report. It may also be provided with the Range Report and/or the Training Area Report.

USMC Installation Report - This report provides output of selected data elements for an individual installation. It was developed for use by the U.S. Marine Corps. The report provides data for a single installation.

USMC Range Report - This report provides output of selected data elements established for an individual range. It was developed for use by the U.S. Marine Corps. The report provides data for all land warfare ranges for the installation. It is provided in combination with the Installation Report.

USMC Training Area Report - This report provides output of selected data elements established for an individual training area. It was developed for use by the U.S. Marine Corps. The report provides data for all land warfare training areas for the installation. It is provided in combination with the Installation Report. It may also be provided with the Range Report.

USMC Unit Training Facilities Report - This report provides output of selected data elements established for an individual training facility. It was developed for use by the U.S. Marine Corps. The report provides data for all training facilities for the installation. It is provided in combination with the Installation Report. It may also be provided with the Range Report and/or the Training Area Report.

Individual Weapons Training Ranges Directory - This report provides a directory of active and limited use individual weapons training ranges for a particular geographical region. The report covers non-maneuver pistol, rifle, machine gun (less than .50 caliber), and 40mm grenade launcher ranges.

Sample Weapon Training Facilities Report

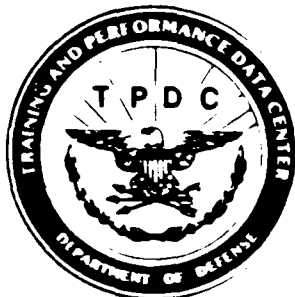
As an example of the Weapon Training Facilities report developed for the Defense Installations, Ranges and Training Areas Information System, a copy of Report TPDC 87-003, Weapon Training Facilities Report, Fort Pickett, July 1977 follows. This report provides inventory and capabilities of ranges at Fort Pickett, Virginia as they existed at the time of the report. The report was based on a format developed for the National Guard Bureau.

The report is in three parts. Part One, or the first page, contains general installation data. This includes data on address/location, point of contact, support facilities, and size. Part Two is a summary of the primary range uses for the installation. It recaps the number of weapons training ranges and firing points for each primary range use. It replicates the summaries contained in National Guard Bureau Pamphlet 25-1. Part Three begins the inventory of weapons ranges for the particular installation (one per page). Data on description and uses, range structures and facilities, weapons and ammunition authorized, and restrictions/comments is presented.

Similar reports have been developed for other installations (see Reports List in Appendix B-4).

These reports are provided to units and headquarters planners on request.

TPDC



**WEAPON TRAINING
FACILITIES REPORT**

FORT PICKETT

JULY 1987

**DEPARTMENT OF DEFENSE
TRAINING AND PERFORMANCE DATA CENTER**

3280 PROGRESS DRIVE, ORLANDO, FL 32826-3229

(305)281-3623

07/21/87

DEPARTMENT OF DEFENSE TRAINING SITES

FIRST ARMY AREA

STATE: VIRGINIA

FORT PICKETT

11187

MAJOR USER: ARMY

MAJOR COMMAND: FORSCOM

DATA DATE: JAN 7, 1985

COUNTY: NOTTOWAY

NEAREST CITY: BLACKSTONE

GEOLOC: EVBD ARLOC: 51693

CONGRESSIONAL DISTRICT: 4

METROPOLITAN AREA: PETERSBURG

DISTANCE: 40 MI.

POPULATION: 41,055

LOCATION ADDRESS: HEADQUARTERS, US ARMY GARRISON, FORT PICKETT
FORT PICKETT, VA 23824-5000

PROPERTY CONTROL: FEDERAL.

BUS

TERMINAL: BLACKSTONE

DISTANCE: 2 MI.

STATE SUPPORT: THE STATE OPERATES AN ANNUAL TRAINING EQUIPMENT POOL AT THIS
SITE.

RAIL

TERMINAL: ON POST

**** NON-RESIDENT TRAINING FACILITIES ****

OFFICER BILLETS: 1,146

ENLISTED BILLETS: 11,800

MESS/MEAL: 10,760

ADMINISTRATION BLDG: YES

MAINTENANCE BLDG: YES

COVERED STORAGE: 497,418 SQ.FT. WATER CAPACITY: 5,000,000 GALS/DAY SEWER CAPACITY: 4,000,000 GALS/DAY

YEAR-ROUND USE: YES

MEDICAL FACILITY: KENNER ARMY HOSPITAL

LOCATION: FORT LEE

DISTANCE: 30 MI.

NUMBER OF BEDS: 100

DISPENSARY: YES

AMMUNITION STORAGE TYPE: I

AMMUNITION STORAGE CAPACITY: 377,500 SQ.FT.

ATP AUTHORIZED: YES

CIVILIAN AIRPORT : BLACKSTONE AAF/ALLEN C. PERKINSON MUNICIPAL AIRPORT, BLACKSTONE, VA

DISTANCE : 45 MI.

CIVILIAN AIRCRAFT CAPABILITY: B-727

MILITARY AIRCRAFT CAPABILITY: C-130

MILITARY AIRPORT : LANGLEY AFB, HAMPTON, VA

DISTANCE : 100 MI. RUNWAY LENGTH: 10,000 FT.

RUNWAY WIDTH: 150 FT.

MILITARY AIRCRAFT CAPABILITY: C-5

A R E A D E S C R I P T I O N

TOTAL AREA: 45,198 ACRES

LIVE FIRE AUTHORIZED: YES

IMPACT AREA: 10,198 ACRES

DESIGNATED IMPACT AREA: 10,198 ACRES

NO. ARTILLERY POINTS: 61

NO. OBSERVATION POINTS: 11

CLIMATE TYPE: SEASONAL

M A N E U V E R A R E A D E S C R I P T I O N

THE TERRAIN IS GENTLY ROLLING WITH WOODED AREAS AND SMALL STREAMS
AND MARSH IN THE LOW LYING AREAS.

07/21/87

DEPARTMENT OF DEFENSE TRAINING SITES

P O I N T O F C O N T A C T

PRIMARY RANGE POINT OF CONTACT:

NAME: RANGE OFFICER

ORGANIZATION: DIRECTORATE OF PLANS, TRAINING, & MOBILIZATION

OFFICE SYMBOL: AT2M-FPT-T

ADDRESS: HEADQUARTERS, US ARMY GARRISON, FORT PICKETT

FORT PICKETT, VA 23824-5000

(PHONE) COMM: (804)292-2560/8502

AVN: 438-2560

A I R F I E L D S

AIR FIELD NAME: BLACKSTONE ARMY AIRFIELD

RUNWAY LENGTH: 3,526 FT. WIDTH: 75 FT.

OPERATIONS BUILDINGS: YES

CONTROL TOWER AVAILABLE: YES

FIRE EQUIPMENT: YES

AASF: NO

TOWER HOURS: THE TOWER IS OPERATED FROM 0700 TO 1700 DURING 1 APR - 15 SEPT.

OTHER HOURS UPON REQUEST.

AAF SUPPORT: NONE.

A R E A S U I T A B I L I T Y

TYPE UNIT

COMBAT ARMS UNIT

COMBAT SERVICE SUPPORT UNIT/GROUP

UNIT SIZE

BATTALION

NO. OF UNITS

1

DEPARTMENT OF DEFENSE TRAINING SITES
RANGES SUMMARY REPORT

PAGE 3

FORT PICKETT

<u>PRIMARY USE</u>	<u>NO. RANGES</u>	<u>TOT FIR PTS</u>	<u>RANGE NAME</u>
AERIAL GUNNERY RANGE	1		AERIAL GUNNERY
BASIC 25 METER FIRING RANGE (ZERO)	2	100	14
			9
COMBAT PISTOL RANGE	1	15	5
FIELD ARTILLERY 1:10 SCALED RANGE (M31 TRAINER)	1		10
GUIDED MISSILE RANGE	2	2	OP3
			OP6
HAND GRENADE FAMILIARIZATION COURSE	1	2	1
LIGHT ANTITANK WEAPONS RANGE	1	5	3
MACHINE GUN TRANSITION/FAMILIARIZATION FIRING RANGE	1	34	8
MILITARY OPERATIONS IN URBANIZED TERRAIN (MOUT) ASSAULT CRS.	2		MAC
			MOUT
PISTOL FAMILIARIZATION RANGE	1	50	2
PISTOL QUALIFICATION RANGE	1	25	4A
RIFLE FAMILIARIZATION AND TRANSITION FIRING RANGE	2	4	17
			20
RIFLE QUALIFICATION RANGE	2	32	6
			7
SHOTGUN	1	4	4B
SQUAD LIVE FIRE RANGE	2	9	18
			19
TANK CREW COMBAT FIRING COURSE	2	4	15
			16
TANK GUNNERY RANGE, 1:5 AND 1:10 SCALE	2	3	11
			12
TANK TABLES FIRING RANGE	1	1	13

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DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

PAGE 4

STATE: VIRGINIA

RANGE NAME: AERIAL GUNNERY

OUTDOOR FIRING

DESCRIPTION: FROM RANGE 13 TO RANGE 20.

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: AERIAL GUNNERY RANGE

WEAPONS ACCOMMODATED:

HELICOPTER WEAPONS

AMMUNITION AUTHORIZED:

.50 CALIBER

7.62MM

20MM

2.75 IN. ROCKET

TOW MISSILE

07/21/87

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

PAGE 5

STATE: VIRGINIA

RANGE NAME: MAC

OUTDOOR FIRING

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: MILITARY OPERATIONS IN URBANIZED TERRAIN (MOUT) ASSAULT CRS.

WEAPONS ACCOMMODATED:

PISTOL

M16/M16A1 RIFLE

M60 LMG

AMMUNITION AUTHORIZED:

.22 CALIBER

.38 CALIBER

.45 CALIBER

5.56MM

7.62MM

9MM

HAND GRENADE, PRACTICE

SMOKE

FACILITIES (NUMBER OF EACH):

AMMO BREAKDOWN: 2 LATRINES: 1 PARKING: 1

ELECTRICITY AVAILABLE: YES

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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07/21/87

STATE: VIRGINIA

RANGE NAME: MOUT

OUTDOOR NON-FIRING

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: MILITARY OPERATIONS IN URBANIZED TERRAIN (MOUT) ASSAULT CRS.

WEAPONS ACCOMMODATED:

M14 RIFLE

M16/M16A1 RIFLE

AMMUNITION AUTHORIZED:

HAND GRENADE, PRACTICE

SMOKE

BLANK AMMUNITION

RANGE USE RESTRICTIONS / COMMENTS:

-WEAPONS RESTRICTIONS/CAVEATS

BLANK AMMUNITION ONLY. BOOBY TRAPS ARE PERMITTED.

FACILITIES (NUMBER OF EACH):

CLASSROOMS: 1 LATRINES: 3 PARKING: 1

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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07/21/87

STATE: VIRGINIA

RANGE NAME: OP3

OUTDOOR FIRING

DESCRIPTION: OBSERVATION POINT USED AS FIRING POINT.

NO. FIRING PTS: 1

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: GUIDED MISSILE RANGE

WEAPONS ACCOMMODATED:

WIRE GUIDED MISSILE

AMMUNITION AUTHORIZED:

TOW MISSILE

DRAGON

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
HARD TARGETS			

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FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: OP6

OUTDOOR FIRING

DESCRIPTION: OBSERVATION POINT USED AS FIRING POINT.

NO. FIRING PTS: 1

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: GUIDED MISSILE RANGE

WEAPONS ACCOMMODATED:

WIRE GUIDED MISSILE

AMMUNITION AUTHORIZED:

TOW MISSILE

DRAGON

RANGE USE RESTRICTIONS / COMMENTS:

-WEAPONS RESTRICTIONS/CAVEATS

MISSILES MUST BE FIRED AT LEAST 100 METERS DOWN RANGE OF OP6.

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
HARD TARGETS			

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DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 1

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 2

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: HAND GRENADE FAMILIARIZATION COURSE
ALTERNATE USES: DEMOLITIONS/EOD RANGE

AMMUNITION AUTHORIZED:

C-4 DEMOLITION CHARGE
TNT DEMOLITION CHARGE
SHAPED CHARGE
HAND GRENADE, FRAG.

RANGE USE RESTRICTIONS / COMMENTS:

-WEAPONS RESTRICTIONS/CAVEATS
DEMOLITIONS UP TO 50 LBS. ARE PERMITTED. TANK TABLE V.
-CONFLICTS
RANGE 1 CANNOT BE OCCUPIED WHEN RANGES 2 OR 3 ARE OCCUPIED.

FACILITIES (NUMBER OF EACH):

PARKING: 1

ELECTRICITY AVAILABLE: YES

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 10

OUTDOOR FIRING

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: FIELD ARTILLERY 1:10 SCALED RANGE (M31 TRAINER)
ALTERNATE USES: MORTAR SCALED/SUBCALIBER TRAINING RANGE

CATEGORY CODE: 17938

WEAPONS ACCOMMODATED:

MORTAR
FIELD ARTILLERY

AMMUNITION AUTHORIZED:

14.5MM
60MM SUB. CAL.

FACILITIES (NUMBER OF EACH):

TOWERS: 1 SHEDS: 1 PARKING: 1

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
MINIATURE TARGETS			

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 11

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 3

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: TANK GUNNERY RANGE, 1:5 AND 1:10 SCALE
ALTERNATE USES: TANK PLATOON BATTLE RUN COURSE

CATEGORY CODE: 17931

WEAPONS ACCOMMODATED:

M85 MG
M219/240 COAX MG
TANK GUN
LASER

AMMUNITION AUTHORIZED:

.50 CALIBER
7.62MM
105MM
152MM

RANGE USE RESTRICTIONS / COMMENTS:

-CONFLICTS

NO MOVEMENT DOWN RANGE BEYOND THE FIRST MOVING TARGET IS ALLOWED
WHEN RANGE 9 IS FIRING.

FACILITIES (NUMBER OF EACH):

TOWERS: 1 SHEDS: 1 PARKING: 1

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
ATTS(DETROIT BULLET)	15	220	
MOVING TGTS (MT20)	2	220	

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DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

PAGE 12

STATE: VIRGINIA

RANGE NAME: 12

OUTDOOR FIRING

DESCRIPTION: FIRING POINTS ARE DETERMINED BY THE USER.

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: TANK GUNNERY RANGE, 1:5 AND 1:10 SCALE
ALTERNATE USES: TANK GUNNERY RANGE, 1:30 AND 1:60 SCALE (SUBCALIBER)
BASIC 25 METER FIRING RANGE (ZERO)

CATEGORY CODE: 17931

WEAPONS ACCOMMODATED:

M16/M16A1 RIFLE
M16A2 RIFLE
TANK GUN, SUBCALIBER DEVICE

AMMUNITION AUTHORIZED:

.22 CALIBER
.50 CALIBER
5.56MM

RANGE USE RESTRICTIONS/COMMENTS:

-WEAPONS RESTRICTIONS/CAVEATS
TANK TABLES I-III. COURSE "C" QUALIFICATION.
-CONFLICTS
RANGE 12 CANNOT BE OCCUPIED WHEN RANGE 9 IS FIRING.

FACILITIES (NUMBER OF EACH):

TOWERS: 1 PARKING: 1

TARGETS/SIMULATORS/DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
CARDBOARD TARGETS	1		
COURSE "C" TARGETS			
WOODEN FRAMED TGTS			

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 13

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 1

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: TANK TABLES FIRING RANGE
ALTERNATE USES: AIR DEFENSE WEAPONS AT GROUND TARGETS RANGE
GUIDED MISSILE RANGE

WEAPONS ACCOMMODATED:

M85 MG
M219/240 COAX MG
TANK GUN
WIRE GUIDED MISSILE
LASER

AMMUNITION AUTHORIZED:

.50 CALIBER
7.62MM
105MM
152MM
SHILLELAGH MISSILE

RANGE USE RESTRICTIONS / COMMENTS:

-WEAPONS RESTRICTIONS/CAVEATS

TANK MAINGUN CANNOT BE FIRED WITH GREATER THAN 5 DEGREES SUPER-ELEVATION. TANK TABLES V-VIII.
GROUND ENGAGEMENT ONLY WITH M-42 DUSTER.

-CONFLICTS

NO MOVEMENT IS ALLOWED DOWN RANGE BEYOND THE FIRST MOVING TARGET WHEN RANGES 7,8,9 AND 15 ARE FIRING. NO MOVEMENT BEYOND THE BASE LINES IS ALLOWED WHEN RANGE 14 IS FIRING.

FACILITIES (NUMBER OF EACH):

TOWERS: 1 SHEDS: 1 PARKING: 1

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
ATTS(DETROTIT BULLET)	15		
CALIBRATION TGTS			
MOVING TGTS (MT20)	2	220	

DEVICE DESCRIPTION	QUANTITY	POWER	CONDITION
THERMAL BLANKETS			

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DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

PAGE 14

STATE: VIRGINIA

RANGE NAME: 14

OUTDOOR FIRING

DESCRIPTION: FIRING POINTS ARE DETERMINED BY THE USER.

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: BASIC 25 METER FIRING RANGE (ZERO)
ALTERNATE USES: RIFLE FAMILIARIZATION AND TRANSITION FIRING RANGE
MACHINE GUN QUALIFICATION, ZEROING RANGE (10 METER)
MACHINE GUN TRANSITION/FAMILIARIZATION FIRING RANGE
TANK GUNNERY RANGE, 1:30 AND 1:60 SCALE (SUBCALIBER)

CATEGORY CODE: 17901

WEAPONS ACCOMMODATED:

M14 RIFLE
M16/M16A1 RIFLE
M60 LMG
M16A2 RIFLE
TANK GUN, SUBCALIBER DEVICE

AMMUNITION AUTHORIZED:

5.56MM
7.62MM

RANGE USE RESTRICTIONS/COMMENTS:

-WEAPONS RESTRICTIONS/CAVEATS
TANK TABLES I & II.

FACILITIES (NUMBER OF EACH):

TOWERS: 1 PARKING: 1

TARGETS/SIMULATORS/DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
WOODEN FRAMED TGTS			

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 15

OUTDOOR FIRING

DESCRIPTION: THE FIRING POSITIONS ARE 3 TANK MANEUVER ROADS.

NO. FIRING PTS: 3

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: TANK CREW COMBAT FIRING COURSE
ALTERNATE USES: AERIAL GUNNERY RANGE
AIR DEFENSE FIRING RANGE

CATEGORY CODE: 17933

WEAPONS ACCOMMODATED:

M60 LMG
M2 MG
M85 MG
CEV
DUSTER
LASER

AMMUNITION AUTHORIZED:

.50 CALIBER
7.62MM
40MM
2.75 IN. ROCKET
165MM

RANGE USE RESTRICTIONS / COMMENTS:

-WEAPONS RESTRICTIONS/CAVEATS

MAINGUN CANNOT BE FIRED WITH MORE THAN 5 MILS SUPER-ELEVATION.

-COMMUNITY RESTRICTIONS

NO FIRING WILL BE CONDUCTED ON THIS RANGE BETWEEN 0900-1200 ON
SUNDAY. NO FIRING FROM 0001-2400 EASTER SUNDAY.

FACILITIES (NUMBER OF EACH):

TOWERS: 1 SHEDS: 1 PARKING: 1

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
ATTS(DETROTIT BULLET)	15	220	
MOVING TGTS (MT20)	2		

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 16

OUTDOOR FIRING

DESCRIPTION: FIRING POINT IS A TANK MANEUVER ROAD, W/5 TURRET DOWN POSITIONS.

NO. FIRING PTS: 1

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: TANK CREW COMBAT FIRING COURSE

CATEGORY CODE: 17933

ALTERNATE USES: AIR DEFENSE WEAPONS AT GROUND TARGETS RANGE

WEAPONS ACCOMMODATED:

M60 LMG
M2 MG
M85 MG
M219/240 COAX MG
TANK GUN
DUSTER
LASER

AMMUNITION AUTHORIZED:

.50 CALIBER
7.62MM
40MM
105MM
152MM

RANGE USE RESTRICTIONS / COMMENTS:

-WEAPONS RESTRICTIONS/CAVEATS

MAINGUN CANNOT BE FIRED WITH MORE THAN 5 DEGREES SUPER-ELEVATION.

-CONFLICTS

NO MOVEMENT IS ALLOWED DOWN RANGE BEYOND THE FIRST MOVING TARGET
WHEN RANGES 7, 8, 15 AND 17 ARE FIRING. NO MOVEMENT ON RETURN IS
ALLOWED WHEN RANGE 16 IS FIRING.

-COMMUNITY RESTRICTIONS

NO FIRING WILL BE CONDUCTED ON THE RANGE BETWEEN 0900-1200 ON
SUNDAY. NO FIRING FROM 0001-2400 EASTER SUNDAY.

FACILITIES (NUMBER OF EACH):

TOWERS: 1 SHEDS: 1 PARKING: 1

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
FRAMED TARGETS			
MOVING TGTS (MT20)	2	220	
STATIONARY HARD TGT			

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FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 17

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 4

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: RIFLE FAMILIARIZATION AND TRANSITION FIRING RANGE
ALTERNATE USES: PISTOL FAMILIARIZATION RANGE
MACHINE GUN TRANSITION/FAMILIARIZATION FIRING RANGE
GRENADE LAUNCHER RANGE
LAND MINE AREA

WEAPONS ACCOMMODATED:

PISTOL
RIFLE
M14 RIFLE
M16/M16A1 RIFLE
M60 LMG
M203 GRENADE LAUNCHER
M16A2 RIFLE

AMMUNITION AUTHORIZED:

.22 CALIBER
.30 CALIBER
.38 CALIBER
.45 CALIBER
.50 CALIBER
5.56MM
7.62MM
9MM
40MM
CLAYMORE MINE

RANGE USE RESTRICTIONS/COMMENTS:

-WEAPONS RESTRICTIONS/CAVEATS
M-203 GRENADE LAUNCHERS ARE RESTRICTED TO TRAINING PRACTICE AMMO ONLY.

FACILITIES (NUMBER OF EACH):

PARKING: 1

TARGETS/SIMULATORS/DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
WOODEN FRAMED TGTS			

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FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 18

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 3

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: SQUAD LIVE FIRE RANGE
ALTERNATE USES: GRENADE LAUNCHER RANGE

WEAPONS ACCOMMODATED:

M16/M16A1 RIFLE
M60 LMG
M203 GRENADE LAUNCHER
M16A2 RIFLE

AMMUNITION AUTHORIZED:

5.56MM
7.62MM
40MM

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
M31A1	24	220	

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 19

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 6

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: SQUAD LIVE FIRE RANGE

ALTERNATE USES: MACHINE GUN QUALIFICATION, ZEROING RANGE (10 METER)

WEAPONS ACCOMMODATED:

M16/M16A1 RIFLE

M60 LMG

AMMUNITION AUTHORIZED:

5.56MM

7.62MM

FACILITIES (NUMBER OF EACH):

TOWERS: 1 SHEDS: 1 PARKING: 1

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
M31A1	30	220	

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 2

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 50

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: PISTOL FAMILIARIZATION RANGE
ALTERNATE USES: SHOTGUN
PISTOL QUALIFICATION RANGE
BASIC 25 METER FIRING RANGE (ZERO)
KNOWN DISTANCE RANGE

WEAPONS ACCOMMODATED:

PISTOL
SHOTGUN
M14 RIFLE
M16/M16A1 RIFLE
M16A2 RIFLE

AMMUNITION AUTHORIZED:

.38 CALIBER
.45 CALIBER
5.56MM
7.62MM
9MM
12 GAUGE
20 GAUGE

RANGE USE RESTRICTIONS / COMMENTS:

-WEAPONS RESTRICTIONS/CAVEATS
COURSE "C" QUALIFICATION.

FACILITIES (NUMBER OF EACH):

AMMO BREAKDOWN: 1 LATRINES: 1 PARKING: 1

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
WOODEN FRAMED TGTS			

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FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 20

OUTDOOR FIRING

DESCRIPTION: FIRING POINTS ARE DETERMINED BY USER.

NO. FIRING PTS:

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: RIFLE FAMILIARIZATION AND TRANSITION FIRING RANGE
ALTERNATE USES: PISTOL FAMILIARIZATION RANGE
MACHINE GUN TRANSITION/FAMILIARIZATION FIRING RANGE
GRENADE LAUNCHER RANGE
LAND MINE AREA

WEAPONS ACCOMMODATED:

PISTOL
RIFLE
M14 RIFLE
M16/M16A1 RIFLE
M60 LMG
M203 GRENADE LAUNCHER
M16A2 RIFLE

AMMUNITION AUTHORIZED:

.22 CALIBER
.38 CALIBER
.45 CALIBER
5.56MM
7.62MM
9MM
40MM
CLAYMORE MINE

FACILITIES (NUMBER OF EACH):

PARKING: 1

TARGETS/SIMULATORS/DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
USER DETERMINED			

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 3

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 5

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: LIGHT ANTITANK WEAPONS RANGE
ALTERNATE USES: GRENADE LAUNCHER RANGE
LIGHT ANTITANK WEAPONS (SUBCALIBER) FAMILIARZTN FIRING RNG

CATEGORY CODE: 17919

WEAPONS ACCOMMODATED:

M203 GRENADE LAUNCHER
M72 LAW

AMMUNITION AUTHORIZED:

40MM
35MM SUB. CAL. LAW
66MM LAW

RANGE USE RESTRICTIONS/COMMENTS:

-WEAPONS RESTRICTIONS/CAVEATS
40MM PRACTICE ONLY.

FACILITIES (NUMBER OF EACH):

AMMO BREAKDOWN: 1 LATRINES: 1 SHEDS: 1 PARKING: 1

TARGETS/SIMULATORS/DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
HARD TARGETS			

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FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 4A

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 25

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: PISTOL QUALIFICATION RANGE
ALTERNATE USES: PISTOL FAMILIARIZATION RANGE
SHOTGUN
SUBMACHINE GUN FAMILIARIZATION FIRING RANGE

WEAPONS ACCOMMODATED:

PISTOL
SHOTGUN
M3 SUBMACHINE GUN

AMMUNITION AUTHORIZED:

.22 CALIBER
.38 CALIBER
.45 CALIBER
9MM
12 GAUGE
20 GAUGE

FACILITIES (NUMBER OF EACH):

AMMO BREAKDOWN: 1 LATRINES: 1 PARKING: 1

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
METAL FRAMED TGTS			

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 4B

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 4

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: SHOTGUN

CATEGORY CODE:

WEAPONS ACCOMMODATED:

SHOTGUN

AMMUNITION AUTHORIZED:

12 GAUGE

20 GAUGE

FACILITIES (NUMBER OF EACH):

PARKING: 1

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 5

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 15

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: COMBAT PISTOL RANGE

CATEGORY CODE: 17928

WEAPONS ACCOMMODATED:

PISTOL

AMMUNITION AUTHORIZED:

.22 CALIBER

.38 CALIBER

.45 CALIBER

9MM

FACILITIES (NUMBER OF EACH):

AMMO BREAKDOWN: 1 TOWERS: 1 LATRINES: 1 SHEDS: 1 PARKING: 1

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
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METAL FRAMED TGTS			
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POP UP TGTS MANUAL			
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FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 6

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 16

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: RIFLE QUALIFICATION RANGE
ALTERNATE USES: RIFLE FAMILIARIZATION AND TRANSITION FIRING RANGE

CATEGORY CODE:

WEAPONS ACCOMMODATED:

RIFLE
M16/M16A1 RIFLE
M16A2 RIFLE

AMMUNITION AUTHORIZED:

.22 CALIBER
5.56MM

FACILITIES (NUMBER OF EACH):

TOWERS: 1 SHEDS: 1 PARKING: 1

TARGETS / SIMULATORS / DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
M31A1	112	220	

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 7

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 16

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: RIFLE QUALIFICATION RANGE

CATEGORY CODE:

ALTERNATE USES: RIFLE FAMILIARIZATION AND TRANSITION FIRING RANGE

WEAPONS ACCOMMODATED:

M14 RIFLE

M16/M16A1 RIFLE

M16A2 RIFLE

AMMUNITION AUTHORIZED:

5.56MM

7.62MM

TARGETS/SIMULATORS/DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
M31A1	112		

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 8

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 34

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: MACHINE GUN TRANSITION/FAMILIARIZATION FIRING RANGE
ALTERNATE USES: FIELD FIRING RANGE

CATEGORY CODE: 17910

WEAPONS ACCOMMODATED:

RIFLE
M14 RIFLE
M16/M16A1 RIFLE
M60 LMG
M16A2 RIFLE

AMMUNITION AUTHORIZED:

.30 CALIBER
5.56MM
7.62MM

FACILITIES (NUMBER OF EACH):

TOWERS: 1 SHEDS: 1 PARKING: 1

DEPARTMENT OF DEFENSE TRAINING SITES
FORT PICKETT

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STATE: VIRGINIA

RANGE NAME: 9

OUTDOOR FIRING

DESCRIPTION:

NO. FIRING PTS: 100

STATUS: ACTIVE

RANGE USES:

PRIMARY USE: BASIC 25 METER FIRING RANGE (ZERO)
ALTERNATE USES: RIFLE QUALIFICATION RANGE
RIFLE FAMILIARIZATION AND TRANSITION FIRING RANGE

CATEGORY CODE: 17901

WEAPONS ACCOMMODATED:

M16/M16A1 RIFLE
M16A2 RIFLE

AMMUNITION AUTHORIZED:

5.56MM

RANGE USE RESTRICTIONS/COMMENTS:

-WEAPONS RESTRICTIONS/CAVEATS
COURSE "C" QUALIFICATION.

FACILITIES (NUMBER OF EACH):

TOWERS: 1 SHEDS: 1 PARKING: 1

TARGETS/SIMULATORS/DEVICES:

TARGET DESCRIPTION	QUANTITY	POWER	CONDITION
CARDBOARD TGTS	100		

Sample Small Caliber Report (extract)

As an example of the Small Caliber Ranges report developed for the Defense Installations, Ranges and Training Areas Information System, an extract from a portion of Report TPDC 87-002, Small Caliber Ranges in Delaware, New Jersey, Pennsylvania, and Southern New York (Active & Limited Use Only), September 1987 follows. This report provides a directory of active and limited use small caliber weapons ranges in the listed states. The weapons covered are rifles, pistols, and M60 light machine guns. The ranges are arranged by weapon group and by state.

Similar reports have been developed for other geographical regions (see Reports List in Appendix B-4).

These reports are provided to a wide variety of units and headquarters planners which have a periodic need to train with, qualify in, or plan training in small arms/small caliber weapons.

TPDC



SMALL CALIBER RANGES IN
DELAWARE, NEW JERSEY, PENNSYLVANIA,
AND SOUTHERN NEW YORK
(ACTIVE & LIMITED USE ONLY)

SEPTEMBER 1987

DEPARTMENT OF DEFENSE
TRAINING AND PERFORMANCE DATA CENTER

3280 PROGRESS DRIVE, ORLANDO, FL 32826-3229

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SMALL CALIBER RANGE DIRECTORY

Delaware, Maryland, New Jersey, Pennsylvania, and Southern New York

I. INTRODUCTION

This report responds to an Office of the Assistant Secretary of Defense (Reserve Affairs) request for an inventory of the capabilities of small caliber ranges. The report is published to enable the training community to review and evaluate potential small caliber ranges in their area for training.

The information provided in this report is derived from a range data base being assembled at the Defense Training and Performance Data Center (TPDC). The data base contains information describing the inventory and capabilities for ranges used by the military forces for training. Both indoor and outdoor ranges have been included in the data base. The information contained in the data base provides an inventory of present facilities. It does not address the capability of a range to achieve specific training tasks such as Service qualification standards. The complete list of data elements captured in the master data base is contained in Appendix B of this report. The data base currently contains weapons range data obtained from the regular and reserve components of the four Services including the Air and Army National Guard.

While every attempt was made to obtain a complete picture of the small caliber range capabilities at the time of this project, it is recognized that some facilities may have been overlooked, new ranges are being constructed and existing facilities are being converted to other usage or configuration. Readers of the report are encouraged to contact the Defense Training and Performance Data Center with additions or corrections to this report.

The Collective and Joint Training Division points of contact are Mr. Joe Nicholson or Mr. Ed Grant, commercial (305) 281-3623. "Tear-out" sheets have been provided at the back of this document for comments concerning the document or to request additional copies or distribution.

II. DATA BASE DESCRIPTION

A. ELEMENTS. The data elements contained in this report are listed below and are divided into two major groupings: installations data, or that data describing the basic installation on which the range is located; and ranges data, that data describing individual ranges on or belonging to an installation.

Installation Data

Installation name Point of contact

Major user/component owner Major command

Range Data

Range name/number Firing points/lanes

Primary use category Alternate use categories

Weapons authorized Ordnance/Ammunition
authorized

Weapons/Ordnance/Ammunition
restrictions or caveats Facility status

Environmental restrictions Indoor or outdoor facility

Community restrictions Range conflicts/denials

B. DEFINITION OF TERMS. Across Services, many different terms are used to describe ranges and training areas. In consolidation of data from all available sources, the following terms have been used in the development of a data dictionary. This glossary is furnished to permit ready translation among Services for the current data base.

Dictionary of Terms

Installations Data Element Descriptions:

INSTALLATION NAME: Name of the installation, base, post, or facility.

MAJOR COMMAND: The major command, where appropriate, having cognizance over the installation, e.g., TRADOC, FORSCOM, LANTFLT, TAC, SAC, etc.

MAJOR USER/COMPONENT OWNER: The major user or owner Service component. Categories are: Army, Navy, USMC, USAF, USCG, Army National Guard, Air National Guard, Army Reserve, Naval Reserve, AF Reserve, USMC Reserve, USCG Reserve, DOD, federal (non-DOD), state agency, municipal agency, private, foreign.

POINT OF CONTACT: A set of data elements which may include any or all of the following: name or title, organization, address, telephone numbers (commercial and/or AUTOVON). This point of contact is used for further details concerning ranges located at a particular installation. The point of contact may or may not be co-located with the installation in question.

Ranges Data Element Descriptions:

ALTERNATE USE CATEGORIES: Alternate uses of a particular range, where applicable. For example, a rifle qualification range may also be applicable for use as a pistol qualification range, or as a shotgun range.

COMMUNITY RESTRICTIONS: Conditions related to the use of a range due to local community conditions or situations which may apply. Proximity to residential areas, firing times restrictions, etc. are available, where appropriate.

ENVIRONMENTAL RESTRICTIONS: Conditions related to the use of a range due to environmental conditions or situations which may apply. Non-availability during various seasons, approval of other agencies, restrictions relating to wildlife or ecological factors are contained herein. Adequacy of indoor range ventilation systems or other OSHA standards may also be listed.

FACILITY STATUS: The current status of the facility. The current conditions which are included are: Active, Limited Use, Deactivated, Inactive, Under construction/modernization, or Planned.

FIRING POINTS/LANES: The number of firing points, lanes, bays, or positions, where applicable, at the range.

INDOOR or OUTDOOR FACILITY: An indication as to whether the facility is an indoor or outdoor facility.

ORDNANCE/AMMUNITION AUTHORIZED: Ordnance or ammunition which may be used on the range. Caveats concerning this ordnance or ammunition are contained in the weapons restrictions. Examples of categories of ammunition which may be contained in this data element set are 5.56mm, .38 caliber, 9mm, etc.

PRIMARY USE CATEGORY: The primary use of a particular range, e.g., basic 25 meter firing/zeroing range, rifle familiarization range, known distance range, etc.

RANGE NAME/NUMBER: The range name or number used by the installation. If no number or name is assigned, a number is given to the range for sorting purposes.

RANGE USE LIMITATIONS/CONFLICTS/DENIALS: Limitations, conflicts, or denials to other ranges due to use of the range.

WEAPONS AUTHORIZED: Weapons which may be used on the range. Caveats concerning these weapons are contained in the weapons restrictions. Examples of categories of weapons which may be contained in this data element set are pistol, M-16, M-60 LMG, etc.

WEAPONS/ORDNANCE/AMMUNITION RESTRICTIONS OR CAVEATS: Any weapons, ordnance, or ammunition restrictions or caveats applicable to the use of a range.

III. OVERVIEW

Three tables are presented to summarize the data presented in detail in the following sections. These and other displays shown in this report are provided for information and as examples to illustrate capabilities of the data base to answer queries from training managers at all levels. Table 1 provides a simple overview or summary of the total number of installations surveyed, the number of those installations found to have active or limited use ranges, and the total number of active or limited use small caliber ranges found within the area. This data is sorted by state.

Table 2 displays the number of installations and respective ranges by state and is sorted by the installations's major user/owner Service component. Table 3 lists by state the type of ranges (small caliber weapon use categories of pistol, .22 caliber rifle, M-16/5.56mm rifle, and M-60/7.62mm light machine gun) with their respective total number of firing points.

Table 1

Summary: Small Caliber Ranges in De, NJ, PA, and So. NY

	Total Installations	Number of Installations with Small Caliber Ranges	Number of Small Caliber Ranges
Delaware	37	1	3
New Jersey	97	18	54
Pennsylvania	278	20	42
So. New York	71	17	29
Totals	483	56	128

Table 2

Number of Installations with Small Caliber Ranges in DE, NY, PA, & So. NY by Component

	Delaware		New Jersey		Pennsylvania		So. New York		Total	
	Inst	Ranges	Inst	Ranges	Inst	Ranges	Inst	Ranges	Inst	Ranges
Army	0		1	34	2	22	1	9	4	65
Navy	0		1	1	1	1	0		2	2
Marine Corps	0		0		0		0		0	0
Air Force	0		0		0		0		0	0
Army Reserve	0		2	2	13	13	4	4	19	19
Naval Reserve	0		0		0		1	1	1	1
M.C. Reserve	0		0		0		0		0	0
A.F. Reserve	0		0		0		0		0	0
Air Natl. Grd.	0		0		0		1	1	1	1
Army Natl. Grd. (Training Sites) (State Armories)	1 (1)	3 (3)	14 (1) (13)	17 (4) (13)	2 (1) (1)	2 (1) (1)	10 (1) (9)	14 (5) (9)	27 (4) (23)	.36 (13) (23)
State Agency	0		0		2	4	0		2	4
Totals	1	3	18	54	20	42	17	29	56	128

Table 3

Number of Small Caliber Ranges in DE, NJ, PA & So. NY by Type of Weapons

	Pistol	Firing Points	.22 cal Rifle	Firing Points	M-16 Rifle	Firing Points	M-60 LMG	Firing Points
Delaware	2	30			2	37	1	15
New Jersey	32	1107	15	197	26	1438	15	524
Pennsylvania	21	137	17	84	15	497	6	156
So. New York	21	222	14	92	10	396	3	67
	—	—	—	—	—	—	—	—
Totals	76	1496	46	373	53	2368	25	762

Appendix A is a list of all installations surveyed for this data base. The list is grouped alphabetically by State. The Range Column indicates whether or not the installation has any active or limited use small caliber ranges (Yes or No). A "Yes" in this column indicates that there is at least one active or limited use small caliber range at that installation.

IV. DIRECTORY OF SMALL ARMS RANGES BY WEAPON

The small caliber ranges are listed at Tab A by state and by weapons type. The listings are broken down first for weapons type (pistol, .22 caliber rifle, M-16/5.56mm rifle, and M-60/7.62mm light machinegun) within each state. For each range, the following data are displayed:

Installation/Range name

Number of firing points or lanes

A point of contact telephone number

Text concerning environmental or community restrictions, as applicable, is contained in the appropriate data element sets. Reference to the data shown for that installation and range at Tab B will be necessary in order to ascertain the actual text contained therein. The number or name following each installation name is the range name/number used by the installation or an assigned number to differentiate between multiple ranges on the same installation. An installation with only one unnamed range will leave this column blank.

IV. DIRECTORY OF SMALL ARMS RANGES BY STATE

The range data displayed in the previous section was arranged by weapons type. The installations and ranges shown at Tab B are arranged by State, by installation name and by range name/number. Additional information as well as alternate uses, weapons, ammunition, and known restrictions are shown.

PISTOL RANGES

INSTALLATION	RANGE NAME	FACILITY STATUS	NUMBER OF LANES	POINT OF CONTACT TELEPHONE	
DELAWARE					
STATE RIFLE RANGE, NEW CASTLE	2	ACTIVE	15	(302)323-3376	
	3	ACTIVE	15		
NEW JERSEY					
ALEXANDER HAMILTON USARC ARMY AVIATION SUPPORT FACILITY #1, MERCER COUNTY A FORT DIX	1	ACTIVE	8	(201)845-3354	
	1	ACTIVE	8	(609)530-4256	
	11	ACTIVE	20	AV: 944-4643	
	17	ACTIVE	60		
	18	ACTIVE	110		
	18A	ACTIVE	110		
	19	ACTIVE	60		
	20	ACTIVE	60		
	24	ACTIVE	60		
	26	ACTIVE	60		
	28	ACTIVE	110		
	29	ACTIVE	110		
	31	LIMITED USE	60		
	33	ACTIVE	16		
	37	LIMITED USE	10		
	6	ACTIVE	25		
	6A	LIMITED USE	50		
	NAVAL WEAPONS STATION, EARLE				
	NEW JERSEY MILITARY ACADEMY SEA GIRT TRAINING CENTER	1	ACTIVE	20	(201)449-5269
		1	ACTIVE	5	(609)530-6998
2		ACTIVE	24		
3		ACTIVE	6		
STATE ARMORY, CHERRY HILL	1	ACTIVE	5	(609)486-2681	

PISTOL RANGES

INSTALLATION	RANGE NAME	FACILITY STATUS	NUMBER OF LANES	POINT OF CONTACT TELEPHONE
NEW JERSEY				
STATE ARMY, FLEMINGTON	1	ACTIVE	7	(201)782-5512
STATE ARMY, FREEHOLD	1	ACTIVE	7	(201)462-0371
STATE ARMY, MORRISTOWN	1	ACTIVE	5	(201)538-5224
STATE ARMY, NEWTON	1	ACTIVE	5	(201)383-3720
STATE ARMY, RIVERDALE	1	ACTIVE	5	(201)835-2929
STATE ARMY, SOMERSET	1	ACTIVE	7	(201)745-2046
STATE ARMY, TONS RIVER	1	ACTIVE	7	(201)349-3941
STATE ARMY, WOODBRIDGE	1	ACTIVE	5	(201)499-5683
STATE ARMY, WOODBURY	1	ACTIVE	7	(609)845-3488
STATE ARMY, WOODSTOWN	1	ACTIVE	5	(609)769-4059
NEW YORK				
2LT THOMAS J. McDONALD USARC	1	ACTIVE	4	(718)380-5582
CAMP SMITH	6	ACTIVE	25	(914)737-2111
	7 NORTH	ACTIVE	12	
	7 SOUTH	ACTIVE	25	
CPL FRANK W. HAYES USARC	1	ACTIVE	3	(607)962-6183
FORT TILDEN USARC	1	LIMITED USE	4	(718)945-4900
NAVAL & MARINE CORPS RESERVE CENTER, FLOYD BENNETT	1	ACTIVE	4	(718)258-0598
ROBERT B. PATTERSON USARC	1	ACTIVE	6	(212)365-8400
STATE ARMY, HORNEILL	1	LIMITED USE	3	(607)324-3944
STATE ARMY, HORSEHEADS	1	LIMITED USE	4	(607)739-7518
STATE ARMY, KINGSTON	1	LIMITED USE	3	(914)331-1560
STATE ARMY, NEW YORK CITY	1	ACTIVE	6	(212)337-4400
STATE ARMY, NEW YORK CITY	1	LIMITED USE	6	(212)926-5800
STATE ARMY, NEW YORK CITY	1	ACTIVE	9	(212)772-7219

PISTOL RANGES

INSTALLATION	RANGE NAME	FACILITY STATUS	NUMBER OF LANES	POINT OF CONTACT TELEPHONE
NEW YORK				
STATE ARMORY, ONEONTA	1	LIMITED USE	6	(607)432-5240
STATE ARMORY, ORANBURG	1	ACTIVE	4	(914)359-2460
STATE ARMORY, OSSINING	1	LIMITED USE	4	(914)941-3844
STATE ARMORY, STATEN ISLAND	1	LIMITED USE	4	(718)442-8400
WEST POINT MILITARY RESERVATION	CHIPPewa 48	ACTIVE	30	(914)938-4362
	FALLEN TIMBERS	ACTIVE	28	
	NEW ORLEANS	ACTIVE	32	
PENNSYLVANIA				
332ND ENGINEER COMPANY TRAINING SITE	1	ACTIVE		
CENTRE COUNTY MEMORIAL USARC	1	ACTIVE	5	(814)238-6688
CLINTON COUNTY MEMORIAL USARC	1	ACTIVE	3	(717)769-7013
FORT INDIANTOWN GAP	10	ACTIVE	5	(717)865-5444
	4	ACTIVE	10	
	5	ACTIVE	30	
	5A	ACTIVE	8	
INDIANA COUNTY MEMORIAL USARC	1	ACTIVE	4	(412)465-4531
JAMES W. REESE USARC	1	ACTIVE	4	(215)872-8866
LEACH RANGE	1	ACTIVE	10	(717)916-4558
LYCOMING MEMORIAL USARC	1	ACTIVE	4	(717)322-4695
PIFFLIN COUNTY USARC	1	ACTIVE	3	(717)248-0328
NAVAL STATION, PHILADELPHIA	1	ACTIVE	10	(215)897-5218
NEW CUMBERLAND ARMY DEPOT	1	ACTIVE	8	(717)770-6011
PVT STERLING L. MORELOCK USARC	1	ACTIVE	4	(412)362-4123
SKILLINGTON USARC	1	ACTIVE	3	(215)777-6575
STATE ARMORY, PHOENIXVILLE	1	LIMITED USE	2	(215)933-3821

PISTOL RANGES

INSTALLATION	RANGE NAME	FACILITY STATUS	NUMBER OF LANES	POINT OF CONTACT TELEPHONE
PENNSYLVANIA				
STATE GAME LANDS 842	1	ACTIVE	7	(814)266-4422
SUGAR NOTCH USARC	1	ACTIVE	4	(717)823-9261
WATERFORD STATE GAME LANDS 8109	2	ACTIVE	10	(814)864-4855
WILSON-KRAMER USARC	1	ACTIVE	3	(215)691-5305

.22 CALIBER RIFLE RANGES

INSTALLATION	RANGE NAME	FACILITY STATUS	NUMBER OF LANES	POINT OF CONTACT TELEPHONE
NEW JERSEY				
ALEXANDER HAMILTON USARC	1	ACTIVE	8	(201)845-3354
ARMY AVIATION SUPPORT FACILITY 81, MERCER COUNTY A	1	ACTIVE	8	(609)530-4256
FORT DIX	29	ACTIVE	110	AV: 944-4643
NEW JERSEY MILITARY ACADEMY	1	ACTIVE	5	(201)449-5269
SGT JOYCE KILMER USARC	1	ACTIVE	6	(201)985-6116
STATE ARMORY, CHERRY HILL	1	ACTIVE	5	(609)486-2681
STATE ARMORY, FLEMINGTON	1	ACTIVE	7	(201)782-5512
STATE ARMORY, FREEHOLD	1	ACTIVE	7	(201)462-0371
STATE ARMORY, MORRISTOWN	1	ACTIVE	5	(201)538-5224
STATE ARMORY, NEWTON	1	ACTIVE	5	(201)383-3720
STATE ARMORY, SOMERSET	1	ACTIVE	7	(201)745-2046
STATE ARMORY, TOMS RIVER	1	ACTIVE	7	(201)349-3941
STATE ARMORY, WOODBRIDGE	1	ACTIVE	5	(201)499-5683
STATE ARMORY, WOODBURY	1	ACTIVE	7	(609)845-3488
STATE ARMORY, WOODSTOWN	1	ACTIVE	5	(609)769-4059

NEW YORK				
2LT THOMAS J. McDONALD USARC	1	ACTIVE	4	(718)380-5582
CPL FRANK W. HAYES USARC	1	ACTIVE	3	(607)962-6183
FORT TILDEN USARC	1	LIMITED USE	4	(718)945-4900
NAVAL & MARINE CORPS RESERVE CENTER, FLOYD BENNETT	1	ACTIVE	4	(718)258-0598
ROBERT B. PATTERSON USARC	1	ACTIVE	6	(212)365-8400
STATE ARMORY, HORNEELL	1	LIMITED USE	3	(607)324-3944
STATE ARMORY, HORSEHEADS	1	LIMITED USE	4	(607)759-7518
STATE ARMORY, KINGSTON	1	LIMITED USE	3	(914)331-1560
STATE ARMORY, NEW YORK CITY	1	ACTIVE	6	(212)337-4400

.22 CALIBER RIFLE RANGES

INSTALLATION	RANGE NAME	FACILITY STATUS	NUMBER OF LANES	POINT OF CONTACT TELEPHONE
NEW YORK				
STATE ARHORY, NEW YORK CITY	1	ACTIVE	9	(212)772-7219
STATE ARHORY, ONEONTA	1	LIMITED USE	6	(607)432-5240
STATE ARHORY, OSSINING	1	LIMITED USE	4	(914)941-3844
STATE ARHORY, STATEN ISLAND	1	LIMITED USE	4	(718)462-8400
WEST POINT MILITARY RESERVATION	NEW ORLEANS	ACTIVE	32	(914)938-4362
PENNSYLVANIA				
332ND ENGINEER COMPANY TRAINING SITE	1	ACTIVE		
CENTRE COUNTY MEMORIAL USARC	1	ACTIVE	5	(814)238-6688
CLINTON COUNTY MEMORIAL USARC	1	ACTIVE	3	(717)769-7013
HARRISBURG AFRC	1	LIMITED USE	4	(717)234-5987
INDIANA COUNTY MEMORIAL USARC	1	ACTIVE	4	(412)465-4531
JAMES W. REESE USARC	1	ACTIVE	4	(215)872-8866
LEACH RANGE	1	ACTIVE	10	(717)916-4558
LYCOMING MEMORIAL USARC	1	ACTIVE	4	(717)322-4695
RIFFLIN COUNTY USARC	1	ACTIVE	3	(717)248-0328
MONTGOMERY TRAINING SITE	1	ACTIVE	7	(814)764-9801
PVT STERLING L. MORELOCK USARC	1	ACTIVE	4	(412)362-4123
SHILLINGTON USARC	1	ACTIVE	3	(215)777-6575
STATE ARHORY, PHOENIXVILLE	1	LIMITED USE	2	(215)933-3821
STATE GAME LANDS 842	2	ACTIVE	9	(814)266-4422
SUGAR NOTCH USARC	1	ACTIVE	4	(717)823-9261
WATERFORD STATE GAME LANDS 8109	1	ACTIVE	15	(814)864-4855
WILSON-KRAMER USARC	1	ACTIVE	3	(215)691-5305

M-16/S. 56MM RIFLE RANGES

INSTALLATION	RANGE NAME	FACILITY STATUS	NUMBER OF LANES	POINT OF CONTACT TELEPHONE
DELAWARE	1	ACTIVE	22	(302)323-3376
	3	ACTIVE	15	
NEW JERSEY	11	ACTIVE	20	AV: 966-6663
	13	ACTIVE	60	
	15	ACTIVE	85	
	16	ACTIVE	35	
	17	ACTIVE	60	
	18	ACTIVE	110	
	18A	ACTIVE	110	
	19	ACTIVE	60	
	20	ACTIVE	60	
	21	ACTIVE	35	
	22	ACTIVE	35	
	23	ACTIVE	35	
	24	ACTIVE	60	
	26	ACTIVE	110	
	27	ACTIVE	110	
	28	ACTIVE	110	
	29	ACTIVE	110	
	30A	ACTIVE	22	
	30B	ACTIVE	8	
	31	LIMITED USE	60	
	33	ACTIVE	16	
	36	ACTIVE	16	

M-16/5.56MM RIFLE RANGES

INSTALLATION	RANGE NAME	FACILITY STATUS	NUMBER OF LANES	POINT OF CONTACT TELEPHONE
NEW JERSEY	37	LIMITED USE	10	AV: 944-4643
	38	ACTIVE	16	
	63	ACTIVE	25	
	1	ACTIVE	60	(609)530-6998
NEW YORK	1	ACTIVE	4	(718)380-5582
	2	ACTIVE	51	(914)737-2111
	2	ACTIVE	51	
	3	ACTIVE	40	
	3	ACTIVE	40	
	CHIPPEWA 4A	ACTIVE	45	(914)938-4362
	GETTYSBURG 8	ACTIVE	45	
	INCHON 3A	ACTIVE	35	
	INCHON 3B	ACTIVE	65	
	NORMANDY 5	ACTIVE	20	
PENNSYLVANIA	11	ACTIVE	35	(717)865-5444
	11A	ACTIVE	36	
	12	ACTIVE	35	
	12A	ACTIVE	21	
	13	ACTIVE	46	
	13A	ACTIVE	47	
	14	ACTIVE	46	

M-16/5.56MM RIFLE RANGES

INSTALLATION	RANGE NAME	FACILITY STATUS	NUMBER OF LANES	POINT OF CONTACT TELEPHONE
PENNSYLVANIA				
FORT INDIANTOWN GAP	14A	ACTIVE	47	(717)865-5444
	15	ACTIVE	69	
	16	ACTIVE	43	
	58	ACTIVE	20	
	8	ACTIVE	16	
	8A	ACTIVE	10	
	9	ACTIVE	16	
LEACH RANGE	1	ACTIVE	10	(717)916-4558

M-60/7.62MM LIGHT MACHINEGUN RANGES

INSTALLATION	RANGE NAME	FACILITY STATUS	NUMBER OF LANES	POINT OF CONTACT TELEPHONE
DELAWARE				
STATE RIFLE RANGE, NEW CASTLE	3	ACTIVE	15	(302)323-3376
NEW JERSEY				
FORT DIX	11	ACTIVE	20	AV: 944-4643
	27	ACTIVE	110	
	28	ACTIVE	110	
	30A	ACTIVE	22	
	31	LIMITED USE	60	
	47	ACTIVE	6	
	53	ACTIVE	4	
	59D	ACTIVE		
	6	ACTIVE	25	
	61	ACTIVE	5	
	65	ACTIVE	80	
	6A	LIMITED USE	50	
	7	ACTIVE	20	
	85	ACTIVE	4	
	4	ACTIVE	8	(609)530-6998
SEA GIRT TRAINING CENTER				
NEW YORK				
CAMP SMITH	7 NORTH	ACTIVE	12	(914)757-2111
WEST POINT MILITARY RESERVATION	INCHON 3A	ACTIVE	35	(914)938-6362
	NORHANDY 5	ACTIVE	20	

M-60/7.62MM LIGHT MACHINEGUN RANGES

INSTALLATION	RANGE NAME	FACILITY STATUS	NUMBER OF LANES	POINT OF CONTACT TELEPHONE
PENNSYLVANIA				
FORT INDIANTOWN GAP	15	ACTIVE	69	(717)865-5444
	16	ACTIVE	43	
	23E	ACTIVE	6	
	24A	ACTIVE	6	
	24C	ACTIVE	22	
	8A	ACTIVE	10	

STATE: DELAWARE

INSTALLATION

STATE RIFLE RANGE, NEW CASTLE

POINT OF CONTACT

STATE RIFLE RANGE CUSTODIAN
STATE RIFLE RANGE
1197 RIVER ROAD
NEW CASTLE, DE 19720
(302) 323-3376

MAJOR USER

ARMY NATIONAL GUARD

MAJOR COMMAND

PLANS, OPERATIONS & TRAINING OFFICER
OFFICE OF THE ADJUTANT GENERAL, STATE OF DELAWARE
1ST REGIMENT ROAD
WILMINGTON, DE
(302) 995-8528/8527
AV: 455-3300 EXT. 8528

RANGE: 1

PRIMARY USE: KNOWN DISTANCE RANGE

ALTERNATE: SNIPER TRAINING FIELD FIRE RANGE

FIRING PTS: 22 FACILITY STATUS: ACTIVE OUTDOOR FIRING F 46E

WEAPONS AUTH: M-16/M-40 RIFLE
M-16/M-16A1 RIFLE
ORD/AMMO AUTH: 5.56MM
7.62MM

WEAPONS RESTRICTIONS/CAVEATS: NO TRACER AMMUNITION.

STATE: DELAWARE

INSTALLATION: STATE RIFLE RANGE, NEW CASTLE

RANGE: 2

PRIMARY USE: PISTOL QUALIFICATION RANGE
ALTERNATE: PISTOL FAMILIARIZATION RANGE

FIRING PTS: 15 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: PISTOL
ORD/AMMO AUTH: .45 CALIBER
.38 CALIBER
9MM
.22 CALIBER

WEAPONS RESTRICTIONS/CAVEATS: NO TRACER AMMUNITION.

RANGE: 3

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE
ALTERNATE: MACHINE GUN TRANSITION/FAMILIARIZATION FIRING RANGE
PISTOL QUALIFICATION RANGE

FIRING PTS: 15 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-16/M-16A1 RIFLE
M-60 LMG
PISTOL
M-16/M-40 RIFLE
M-249 SQUAD AUTOMATIC WEAPON
ORD/AMMO AUTH: 7.62MM
5.56MM
.45 CALIBER
.38 CALIBER
9MM
.22 CALIBER

WEAPONS RESTRICTIONS/CAVEATS: NO TRACER AMMUNITION.

STATE: NEW JERSEY

INSTALLATION

POINT OF CONTACT

MAJOR USER

MAJOR COMMAND

ALEXANDER HAMILTON USARC

FIRST ARMY

MAJ. UBBENS, SUPERVISOR STAFF ADMIN ASST.
U.S. ARMY RESERVE CENTER
RT. 17 & ESSEX STREET
LODI, NJ 07644
(201) 845-3354

ARMY RESERVE

RANGE: 1

PRIMARY USE: RIFLE FAMILIARIZATION AND TRANSITION FIRING RANGE
ALTERNATE: PISTOL FAMILIARIZATION RANGE

INDOOR FIRING RANGE

FACILITY STATUS: ACTIVE

FIRING PTS: 8

WEAPONS AUTH: RIFLE
PISTOL

ORD/AMMO AUTH: .45 CALIBER
9MM
.22 CALIBER
.38 CALIBER

WEAPONS RESTRICTIONS/CAVEATS: 25 METERS. SOFT POINT AMMUNITION ONLY.

STATE: NEW JERSEY

INSTALLATION

POINT OF CONTACT

JOR USER

MAJOR COMMAND

ARMY AVIATION SUPPORT FACILITY #1, MERCER COUNTY AIRPORT

AK NATIONAL GUARD

ARMY AVIATION SUPPORT FACILITY # 1
SCOTCH ROAD, MERCER COUNTY AIRPORT
WEST TRENTON, NJ 08638-1302
(609) 530-4256

RANGE: 1

PRIMARY USE: RIFLE FAMILIARIZATION AND TRANSITION FIRING RANGE

ALTERNATE: PISTOL FAMILIARIZATION RANGE

FIRING PTS: 8 FACILITY STATUS: ACTIVE INDOOR FIRING RANGE

WEAPONS AUTH: RIFLE
PISTOL

ORD/AMMO AUTH: .22 CALIBER
.45 CALIBER
.38 CALIBER

WEAPONS RESTRICTIONS/CAVEATS: 25 METERS. SOFT POINT AMMUNITION ONLY. 38/45 CAL HAD CUTTER ONLY.

STATE: NEW JERSEY

MAJOR COMMAND

MAJOR USER

POINT OF CONTACT

INSTALLATION

FORT DIX

TRADOC

ARMY

RANGE DIVISION
COMMANDER, US ARMY TRAINING CENTER AND FORT DIX
FORT DIX, NJ 08533
AV: 944-4643/4644

RANGE: 11

PRIMARY USE: MACHINE GUN TRANSITION/FAMILIARIZATION FIRING RANGE
ALTERNATE: RIFLE FAMILIARIZATION AND TRANSITION FIRING RANGE
PISTOL FAMILIARIZATION RANGE

FIRING PTS: 20 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-60 LMG
M-2 MG
M-14/M-40 RIFLE
M-16/M-16A1 RIFLE
PISTOL
M-3 SUBMACHINE GUN

ORD/AMMO AUTH: 7.62MM
.50 CALIBER
5.56MM
.45 CALIBER

RANGE: 13

PRIMARY USE: NIGHT FIRE RANGE

FIRING PTS: 60 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-16/M-16A1 RIFLE
M-14/M-40 RIFLE

ORD/AMMO AUTH: 5.56MM
7.62MM

STATE: NEW JERSEY

INSTALLATION: FORT DIX

RANGE: 15

PRIMARY USE: KNOWN DISTANCE RANGE

FIRING PTS: 85 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-16/M-16A1 RIFLE ORD/AMMO AUTH: 5.56MM
M-14/M-40 RIFLE 7.62MM

RANGE: 16

PRIMARY USE: FIELD FIRING RANGE

FIRING PTS: 35 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-14/M-40 RIFLE ORD/AMMO AUTH: 7.62MM
M-16/M-16A1 RIFLE 5.56MM

RANGE: 17

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE

ALTERNATE: SHOTGUN
PISTOL QUALIFICATION RANGE

FIRING PTS: 60 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-14/M-40 RIFLE ORD/AMMO AUTH: 7.62MM
M-16/M-16A1 RIFLE 5.56MM
SHOTGUN 12 GAUGE
PISTOL .22 CALIBER
.38 CALIBER
.45 CALIBER

STATE: NEW JERSEY

INSTALLATION: FORT DIX

RANGE: 18

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE
ALTERNATE: SHOTGUN
PISTOL QUALIFICATION RANGE

FIRING PTS: 110 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-14/M-40 RIFLE
M-16/M-16A1 RIFLE
SHOTGUN
PISTOL
ORD/AMMO AUTH: 7.62MM
5.56MM
12 GAUGE
.22 CALIBER
.38 CALIBER
.45 CALIBER

RANGE: 18A

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE
ALTERNATE: SHOTGUN
PISTOL QUALIFICATION RANGE

FIRING PTS: 110 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-14/M-40 RIFLE
M-16/M-16A1 RIFLE
SHOTGUN
PISTOL
ORD/AMMO AUTH: 7.62MM
5.56MM
12 GAUGE
.22 CALIBER
.38 CALIBER
.45 CALIBER

STATE: NEW JERSEY

INSTALLATION: FORT DIX

RANGE: 19

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE
ALTERNATE: SHOTGUN
PISTOL QUALIFICATION RANGE

FIRING PTS: 60 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-14/M-40 RIFLE
M-16/M-16A1 RIFLE
SHOTGUN
PISTOL
ORD/AMMO AUTH: 7.62MM
5.56MM
12 GAUGE
.22 CALIBER
.38 CALIBER
.45 CALIBER

RANGE: 20

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE
ALTERNATE: SHOTGUN
PISTOL QUALIFICATION RANGE

FIRING PTS: 60 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-14/M-40 RIFLE
M-16/M-16A1 RIFLE
SHOTGUN
PISTOL
ORD/AMMO AUTH: 7.62MM
5.56MM
12 GAUGE
.22 CALIBER
.38 CALIBER
.45 CALIBER

STATE: NEW JERSEY

INSTALLATION: FORT DIX

RANGE: 21

PRIMARY USE: FIELD FIRING RANGE

FIRING PTS: 35 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-14/M-40 RIFLE ORD/AMMO AUTH: 7.62MM
M-16/M-16A1 RIFLE 5.56MM

WEAPONS RESTRICTIONS/CAVEATS: TARGETS ARE AT 75M, 175M, AND 300M.

RANGE: 22

PRIMARY USE: FIELD FIRING RANGE

FIRING PTS: 35 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-14/M-40 RIFLE ORD/AMMO AUTH: 7.62MM
M-16/M-16A1 RIFLE 5.56MM

RANGE: 23

PRIMARY USE: FIELD FIRING RANGE

FIRING PTS: 35 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-14/M-40 RIFLE ORD/AMMO AUTH: 7.62MM
M-16/M-16A1 RIFLE 5.56MM

STATE: NEW JERSEY

INSTALLATION: FORT DIX

RANGE: 24

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE
ALTERNATE: SHOTGUN
PISTOL QUALIFICATION RANGE

FIRING PTS: 60 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-16/M-40 RIFLE ORD/AMMO AUTH: 7.62MM
M-16/M-16A1 RIFLE 5.56MM
SHOTGUN 12 GAUGE
PISTOL .22 CALIBER
.38 CALIBER
.45 CALIBER

RANGE: 26

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE
ALTERNATE: SHOTGUN
PISTOL QUALIFICATION RANGE

FIRING PTS: 110 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-16/M-40 RIFLE ORD/AMMO AUTH: 7.62MM
M-16/M-16A1 RIFLE 5.56MM
SHOTGUN 12 GAUGE
PISTOL .22 CALIBER
.38 CALIBER
.45 CALIBER

STATE: NEW JERSEY

INSTALLATION: FORT DIX

RANGE: 27

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE
ALTERNATE: SHOTGUN
PISTOL QUALIFICATION RANGE
MACHINE GUN TRANSITION/FAMILIARIZATION FIRING RANGE

FIRING PTS: 110 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-14/M-40 RIFLE ORD/AMMO AUTH: 7.62MM
M-16/M-16A1 RIFLE 5.56MM
SHOTGUN 12 GAUGE
M-60 LMG .22 CALIBER
.38 CALIBER
.45 CALIBER

RANGE: 28

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE
ALTERNATE: SHOTGUN
PISTOL QUALIFICATION RANGE
MACHINE GUN TRANSITION/FAMILIARIZATION FIRING RANGE

FIRING PTS: 110 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-14/M-40 RIFLE ORD/AMMO AUTH: 7.62MM
M-16/M-16A1 RIFLE 5.56MM
SHOTGUN 12 GAUGE
PISTOL .22 CALIBER
M-60 LMG .38 CALIBER
.45 CALIBER

STATE: NEW JERSEY

INSTALLATION: FORT DIX

RANGE: 29

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE

ALTERNATE: SHOTGUN

PISTOL QUALIFICATION RANGE

FIRING PTS: 110

FACILITY STATUS: ACTIVE

OUTDOOR FIRING RANGE

WEAPONS AUTH:

RIFLE

ORD/AMMO AUTH:

.30 CALIBER

M-16/M-60 RIFLE

7.62MM

SHOTGUN

5.56MM

PISTOL

12 GAUGE

M-16/M-16A1 RIFLE

.22 CALIBER

.38 CALIBER

.45 CALIBER

STATE: NEW JERSEY

INSTALLATION: FORT DIX

RANGE: 30A

PRIMARY USE: INFANTRY PLATOON DEFENSE COURSE
ALTERNATE: SQUAD LIVE FIRE RANGE
MACHINE GUN TRANSITION/FAMILIARIZATION FIRING RANGE
SUBMACHINE GUN FAMILIARIZATION FIRING RANGE
GRENADE LAUNCHER RANGE

FIRING PTS: 22 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-14/M-40 RIFLE ORD/AMMO AUTH: 7.62MM
M-60 LMG 5.56MM
M-16/M-16A1 RIFLE .45 CALIBER
M-3 SUBMACHINE GUN 40MM
M-79 GRENADE LAUNCHER
M-203 GRENADE LAUNCHER

WEAPONS RESTRICTIONS/CAVEATS: AUTOMATIC RIFLE FIRE IS AUTHORIZED.

RANGE: 30B

PRIMARY USE: CLOSE COMBAT RANGE

FIRING PTS: 8 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-16/M-16A1 RIFLE ORD/AMMO AUTH: 5.56MM

WEAPONS RESTRICTIONS/CAVEATS: BALL AMMUNITION ONLY.

STATE: NEW JERSEY

INSTALLATION: FORT DIX

RANGE: 31

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE
ALTERNATE: MACHINE GUN TRANSITION/FAMILIARIZATION FIRING RANGE
SHOTGUN
PISTOL QUALIFICATION RANGE

FIRING PTS: 60 FACILITY STATUS: LIMITED USE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-16/M-40 RIFLE ORD/AMMO AUTH: 7.62MM
M-16/M-16A1 RIFLE 5.56MM
SHOTGUN 12 GAUGE
PISTOL .22 CALIBER
M-60 LMG .38 CALIBER
.45 CALIBER

RANGE: 33

PRIMARY USE: BASIC 25 METER FIRING, ZEROING RANGE
ALTERNATE: SHOTGUN
PISTOL QUALIFICATION RANGE
SUBMACHINE GUN FAMILIARIZATION FIRING RANGE

FIRING PTS: 16 FACILITY STATUS: ACTIVE OUTDOOR FIRING RANGE

WEAPONS AUTH: M-16/M-40 RIFLE ORD/AMMO AUTH: 7.62MM
M-16/M-16A1 RIFLE 5.56MM
SHOTGUN 12 GAUGE
PISTOL .22 CALIBER
M-3 SUBMACHINE GUN .38 CALIBER
.45 CALIBER

APPENDIX A
Installation Survey

Alphabetical Listing by State of All Installations
Surveyed for Small Caliber Ranges Data Base

Installation Name	City	Small Caliber Range
DELAWARE		
ARMY AVIATION SUPPORT FACILITY, GREATER WILMINGTON AIRPORT	NEW CASTLE	No
ARMY NATIONAL GUARD ORGANIZ. MAINT. SITE #1, WILMINGTON	WILMINGTON	No
BETHANY BEACH TRAINING SITE	BETHANY BEACH	No
B6 JOHN H. PIGHAN MEMORIAL USARC	SEAFORD	No
CAPE HENLOPEN MEMORIAL USARC	LEWES	No
CHARLES CORBIT ARMORY	HARRINGTON	No
CHESAPEAKE AND DELAWARE CANAL TRAINING SITE	DELAWARE CITY	No
COMBINED SUPPORT MAINTENANCE SHOP 66, BETHANY BEACH	BETHANY BEACH	No
DOVER AIR FORCE BASE	DOVER AFB	No
DOVER TRAINING SITE	DOVER	No
FLEMING-GODWIN USARC	DOVER	No
GREATER WILMINGTON AIRPORT	NEW CASTLE	No
JOHN HASLET ARMORY	DOVER	No
MARINE CORPS RESERVE TRAINING CENTER, DOVER	DOVER	No
MIFFLIN COUNTY USARC	BETHANY BEACH	No
NAVAL & MARINE CORPS RESERVE CENTER, WILMINGTON	WILMINGTON	No
NAVAL FACILITY, LEWES	LEWES	No
NAVAL RESERVE FACILITY, LEWES	LEWES	No
PORT MAHON POL ANNEX	NEWPORT	No
ROBERT KIRKWOOD USARC	WILMINGTON	No
STATE ARMORY, DAGSBORO	DAGSBORO	No
STATE ARMORY, DELAWARE CITY	DELAWARE CITY	No
STATE ARMORY, GEORGETOWN	GEORGETOWN	No
STATE ARMORY, LAUREL	LAUREL	No
STATE ARMORY, MARSHALLTON	WILMINGTON	No

DELAWARE

STATE ARMY, MARSHALLTON	WILMINGTON	No
STATE ARMY, MIDDLETOWN	MIDDLETOWN	No
STATE ARMY, MILFORD	MILFORD	No
STATE ARMY, NEW CASTLE	NEW CASTLE	No
STATE ARMY, NEW CASTLE	NEW CASTLE	No
STATE ARMY, NEW CASTLE	NEW CASTLE	No
STATE ARMY, NEW CASTLE	NEW CASTLE	No
STATE ARMY, NEW CASTLE	NEW CASTLE	No
STATE ARMY, NEW CASTLE	NEW CASTLE	No
STATE ARMY, SEAFORD	SEAFORD	No
STATE ARMY, SHYRNA	SHYRNA	No
STATE ARMY, WILMINGTON	WILMINGTON	No
STATE RIFLE RANGE, NEW CASTLE	NEW CASTLE	Yes

NEW JERSEY

ALEXANDER HAMILTON USARC	LODI	Yes
ARMY AVIATION SUPPORT FACILITY #1, MERCER COUNTY AIRPORT	WEST TRENTON	Yes
ARMY AVIATION SUPPORT FACILITY #2, PICATINNY ARSENAL	DOVER	No
ARMG COMBINED SUPPORT MAINTENANCE SHOP, BORDENTOWN	BORDENTOWN	No
ATLANTIC CITY AIRPORT	PLEASANTVILLE	No
BURLINGTON ARMY AMMUNITION PLANT	BURLINGTON	No
CAPE MAY COUNTY AIRPORT	ERMA	No
CAVEN POINT USARC	JERSEY CITY	No
CHARLES WOOD AREA	FORT MONMOUTH	No
CHEESEQUAKE STATE PARK	CHEESEQUAKE	No
COLES AREA, RED BANK	RED BANK	No
COLLIERS HILLS WILDLIFE MANAGEMENT AREA	NEW EGYPT	No
DOVER USARC	DOVER	No
EVANS AREA, ASBURY PARK	ASBURY PARK	No
FORT DIX	FORT DIX	Yes
FORT DIX USARC	FORT DIX	No
FORT DIX USARC # 1	FORT DIX	No
FORT HANCOCK USARC	HIGHLANDS	No
FORT MONMOUTH	FORT MONMOUTH	No

NEW JERSEY

FORT MONMOUTH	RED BANK	No
GENERAL SOMERVILLE USARC	MOUNT FREEDOM	No
61888BORD AIR FORCE STATION	61888BORD AFS	No
GREENWOOD FOREST WILDLIFE MANAGEMENT AREA	WARREN GROVE	No
HIGH POINT STATE PARK	COLESVILLE	No
LEBANON STATE FOREST	WHITING	No
MANCHESTER WILDLIFE MANAGEMENT AREA	LAKEHURST	No
MARINE CORPS RESERVE TRAINING CENTER, FORT MONMOUTH	FORT MONMOUTH	No
MCGUIRE AIR FORCE BASE	MCGUIRE AFB	No
HG WILLIAM S. STRYKER USARC	TRENTON	No
HG WILLIAM WEIGEL USARC	EDISON	No
MILITARY OCEAN TERMINAL, BAYONNE	BAYONNE	No
MILITARY OCEAN TERMINAL, BAYONNE	BAYONNE	No
MONMOUTH ARMED FORCES RESERVE CENTER	RED BANK	No
NAVAL & MARINE CORPS RESERVE CENTER, WEST TRENTON	WEST TRENTON	No
NAVAL AIR ENGINEERING CENTER, LAKEHURST	LAKEHURST	No
NAVAL AIR PROPULSION CENTER	TRENTON	No
NAVAL RESERVE CENTER, ATLANTIC CITY	ATLANTIC CITY	No
NAVAL RESERVE CENTER, KEARNEY	KEARNEY	No
NAVAL RESERVE CENTER, PERTH AMBOY	PERTH AMBOY	No
NAVAL WEAPONS STATION, EARLE	COLTS NECK	Yes
NEW JERSEY MILITARY ACADEMY	SEA GIRT	Yes
OAKHURST AREA, ASBURY PARK	ASBURY PARK	No
PALERMO COMMUNICATIONS FACILITY	PALERMO	No
PASADENA WILDLIFE MANAGEMENT AREA	WHITING	No
PEDRICKTOWN SUPPORT FACILITY	PEDRICKTOWN	No
PICATINNY ARSENAL	DOVER	No
RAMAPO STATE FOREST	ERSKINE	No
SEA GIRT TRAINING CENTER	SEA GIRT	Yes
SFC NELSON V. BRITTIN USARC	CAMDEN	No
SGT JOYCE KILMER USARC	EDISON	Yes
SIEVERS-SANDBERG USARC	PEDRICKTOWN	No
STATE ARMORY, ATLANTIC CITY	ATLANTIC CITY	No
STATE ARMORY, BORDENTOWN	BORDENTOWN	No

NEW JERSEY

STATE ARMORY, BOUND BROOK
 STATE ARMORY, BRIDGETON
 STATE ARMORY, BURLINGTON
 STATE ARMORY, CAPE MAY COURT HOUSE
 STATE ARMORY, CHERRY HILL
 STATE ARMORY, DOVER
 STATE ARMORY, EAST ORANGE
 STATE ARMORY, FLEMINGTON
 STATE ARMORY, FORT DIX
 STATE ARMORY, FRANKLIN
 STATE ARMORY, FREEHOLD
 STATE ARMORY, HACKETTSTOWN
 STATE ARMORY, HAMMONTON
 STATE ARMORY, JERSEY CITY
 STATE ARMORY, LAURENCEVILLE
 STATE ARMORY, LODI
 STATE ARMORY, LONG BRANCH
 STATE ARMORY, MORRISTOWN
 STATE ARMORY, MOUNT HOLLY
 STATE ARMORY, NEW EGYPT
 STATE ARMORY, NEWARK
 STATE ARMORY, NEWTON
 STATE ARMORY, PHILLIPSBURG
 STATE ARMORY, PITMAN
 STATE ARMORY, PLAINFIELD
 STATE ARMORY, RED BANK
 STATE ARMORY, RIVERDALE
 STATE ARMORY, SOMERSET
 STATE ARMORY, TEANECK
 STATE ARMORY, TOMS RIVER
 STATE ARMORY, TUCKERTON
 STATE ARMORY, VINELAND
 STATE ARMORY, WASHINGTON
 STATE ARMORY, WEST ORANGE

BOUND BROOK No
 BRIDGETON No
 BURLINGTON No
 CAPE MAY No
 CHERRY HILL Yes
 DOVER No
 EAST ORANGE No
 FLEMINGTON Yes
 FORT DIX No
 FRANKLIN No
 FREEHOLD Yes
 HACKETTSTOWN No
 HAMMONTON No
 JERSEY CITY No
 LAURENCEVILLE No
 LODI No
 LONG BRANCH No
 MORRISTOWN Yes
 MOUNT HOLLY No
 NEW EGYPT No
 NEWARK No
 NEWTON Yes
 PHILLIPSBURG No
 PITMAN No
 PLAINFIELD No
 RED BANK No
 RIVERDALE Yes
 SOMERSET Yes
 TEANECK No
 TOMS RIVER Yes
 TUCKERTON No
 VINELAND No
 WASHINGTON No
 WEST ORANGE No

NEW JERSEY

STATE ARMORY, WESTFIELD
 STATE ARMORY, WOODBRIDGE
 STATE ARMORY, WOODBURY
 STATE ARMORY, WOODSTOWN
 STEPHEN STATE FOREST
 STOKES STATE FOREST
 STORCK USARC
 WARREN GROVE WEAPONS RANGE
 WATCHUNG RESERVATION
 WHITING WILDLIFE MANAGEMENT AREA

WESTFIELD No
 WOODBRIDGE Yes
 WOODBURY Yes
 WOODSTOWN Yes
 HACKETTSTOWN No
 TUTTLES CORNER No
 NORTHFIELD No
 WARREN GROVE No
 WATCHUNG No
 WHITING No

NEW YORK

2LT GLEN CARPENTER USARC
 2LT THOMAS J. McDONALD USARC
 AIR FORCE PLANT 59
 ASF 10-A
 BINGHAMTON USARC
 BULLVILLE USARC
 CAMP SMITH
 CPL FRANK W. HAYES USARC
 CPT ALDEN D. ALLEN USARC
 ERNIE PYLE USARC
 FORT HAMILTON
 FORT HAMILTON USARC
 FORT TILDEN USARC
 FORT WADSWORTH
 FORT WADSWORTH ARMED FORCES RESERVE CENTER
 GALEVILLE TRAINING SITE
 JAMESTOWN ARMED FORCES RESERVE CENTER
 MANHATTAN USARC
 MARINE CORPS RESERVE TRAINING CENTER, FORT SCHULYER
 NAVAL & MARINE CORPS RESERVE CENTER, FLOYD BENNETT FIELD

POUGHKEEPSIE No
 JAMAICA Yes
 JOHNSON CITY No
 NEWBURGH No
 BINGHAMTON No
 BULLVILLE No
 PEEKSKILL Yes
 CORNING Yes
 HORSEHEADS No
 FLUSHING No
 BROOKLYN No
 BROOKLYN No
 FORT TILDEN Yes
 NEW YORK No
 STATEN ISLAND No
 WALLKILL No
 JAMESTOWN No
 NEW YORK No
 FORT SCHULYER No
 BROOKLYN Yes

Reports List

A list of reports produced by TPDC from the Defense Installations, Ranges, and Training Areas Information System follows. The listed reports were provided to a wide client list maintained at TPDC.

| REPORTS LIST |

REPORT TDAC 86-002

NAME: TRAINING RESOURCES: SMALL CALIBER RANGES IN NEW YORK
AND NEW ENGLAND, MARCH 1986

PROVIDES AN INVENTORY AND CAPABILITIES LISTING OF SMALL
CALIBER RANGES USED BY MILITARY FORCES FOR TRAINING
IN THE STATES OF NEW YORK AND THE NEW ENGLAND STATES.

REPORT TPDC 86-002

NAME: SMALL CALIBER RANGES IN NEW YORK AND NEW ENGLAND
(ACTIVE USE ONLY), JULY 1986

PROVIDES AN INVENTORY AND CAPABILITIES LISTING OF ACTIVE
AND LIMITED USE SMALL CALIBER RANGES USED BY MILITARY
FORCES FOR TRAINING IN THE STATES OF NEW YORK AND THE NEW
ENGLAND STATES.

REPORT TPDC 87-002

NAME: SMALL CALIBER RANGES IN DELAWARE, NEW JERSEY,
PENNSYLVANIA, AND SOUTHERN NEW YORK (ACTIVE AND
LIMITED USE ONLY), SEPTEMBER 1987

PROVIDES AN INVENTORY AND CAPABILITIES LISTING OF ACTIVE
AND LIMITED USE SMALL CALIBER RANGES USED BY MILITARY
FORCES FOR TRAINING IN THE STATES OF DELAWARE, NEW JERSEY,
PENNSYLVANIA AND SOUTHERN NEW YORK.

REPORT TPDC 87-003

NAME: WEAPON TRAINING FACILITIES REPORT, FORT PICKET,
JULY 1987

THE REPORT IS A PRODUCT DESIGNED AND DEVELOPED BY THE
TRAINING AND PERFORMANCE DATA CENTER (TPDC) FOR USE BY THE
NATIONAL GUARD BUREAU (NGB). ORIGINALLY THOUGHT TO BE A
DATA GATHERING TOOL FOR NGB, IT WAS FOUND USEFUL AS A
DETAILED AND VIRTUALLY COMPLETE REPRESENTATION OF THE
CURRENT INSTALLATION AND RANGES DATA BASE AS IT PERTAINS
TO WEAPONS TRAINING RANGES. DATA ELEMENTS CONTAINED IN
THE DATA BASE ARE DIVIDED INTO TWO MAJOR GROUPINGS:
INSTALLATION DATA OR THAT DATA DESCRIBING THE BASIC
INSTALLATION ON WHICH THE RANGE IS LOCATED AND RANGE DATA
DESCRIBING INDIVIDUAL RANGES ON THE INSTALLATION.

THE REPORT FOR ANY ONE INSTALLATION IS MADE UP OF 3
PARTS. PART ONE OR THE FIRST PAGE, CONTAINS THE GENERAL
INSTALLATION DATA. THIS INCLUDES DATA ON ADDRESS/LOCATION,

POINT OF CONTACT, SUPPORT FACILITIES AND SIZE. PART TWO IS A SUMMARY OF THE PRIMARY RANGE USES FOR THE INSTALLATION. IT RECAPS THE NUMBER OF WEAPONS TRAINING RANGES AND FIRING POINTS FOR EACH PRIMARY RANGE USE. IT REPLICATES THE SUMMARY CONTAINED IN THE NGB PAM 25-1. PART THREE BEGINS THE INVENTORY OF INDIVIDUAL WEAPONS RANGES FOR THE PARTICULAR INSTALLATION (ONE PER YEAR). DATA ON DESCRIPTION AND USES, RANGE STRUCTURES AND FACILITIES, WEAPONS AND AMMUNITION AUTHORIZED, AND RESTRICTIONS/COMMENTS IS PRESENTED.

REPORT TPDC 87-006

NAME: PRELIMINARY REPORT ON THE MILITARY'S RANGES AND TRAINING AREAS DATA BASES, MAY 1987

PRESENTED A PLAN BY TPDC TO DEVELOP A CENTRAL REPOSITORY OF DATA FOR MILITARY RANGES AND TRAINING AREAS (LAND, AIR,SEA)

REPORT TPDC 88-009

NAME: SMALL CALIBER RANGES IN NEW YORK AND NEW ENGLAND (ACTIVE AND LIMITED USE ONLY),

PROVIDES AN UPDATED INVENTORY AND CAPABILITIES LISTING OF ACTIVE AND LIMITED USE SMALL CALIBER RANGES USED BY MILITARY FORCES FOR TRAINING IN THE STATE OF NEW YORK AND THE NEW ENGLAND STATES.

REPORT TPDC 88-016

NAME: WEAPON TRAINING FACILITIES REPORT, FORT MCCOY, MARCH 1988

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT FORT MCCOY.

REPORT TPDC 88-018

NAME: WEAPON TRAINING FACILITIES REPORT, CAMP RIPLEY, MAY 1988

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT CAMP RIPLEY.

REPORT TPDC 88-019

NAME: WEAPON TRAINING FACILITIES REPORT, FORT BENNING,
MAY 1988

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT
FORT BENNING.

REPORT TPDC 88-020

NAME: WEAPON TRAINING FACILITIES REPORT, FORT GORDON,
MAY 1988

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT
FORT GORDON.

REPORT TPDC 88-021

NAME: WEAPON TRAINING FACILITIES REPORT, FORT STEWART,
MAY 1988

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT
FORT STEWART.

REPORT TPDC 88-023

NAME: WEAPON TRAINING FACILITIES REPORT, CAMP ROBINSON,
MAY 1988

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT
CAMP ROBINSON.

REPORT TPDC 88-028

NAME: INSTALLATIONS & RANGES WEAPON TRAINING FACILITIES
REPORT, CAMP BLANDING, JUNE 1988

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT
CAMP BLOANDING.

REPORT TPDC 88-029

NAME: INSTALLATIONS & RANGES WEAPON TRAINING FACILITIES
REPORT, CAMP SHELBY, JUNE 1988

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT
CAMP SHELBY.

REPORT TPDC 88-037

NAME: WEAPON TRAINING FACILITIES REPORT, CAMP GRUBER,
AUGUST 1988

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT
CAMP GRUBER.

REPORT TPDC 89-009

NAME: THE MILITARY'S RANGES AND TRAINING AREAS, THE
STATE MODEL

THIS REPORT DEVELOPS A TAXONOMY FOR COMPARISON OF TRAINING
REQUIREMENTS AND TRAINING COSTS USING THE STATE OF
TENNESSEE AS A RESEARCH BASE.

REPORT TPDC 89-011

NAME: WEAPON TRAINING FACILITIES REPORT, FORT CUSTER,
DECEMBER 1988

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT
FORT CUSTER.

REPORT TPDC 89-012

NAME: WEAPON TRAINING FACILITIES REPORT, FORT DIX,
DECEMBER 1988

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT
FORT DIX.

REPORT TPDC 89-013

NAME: WEAPON TRAINING FACILITIES REPORT, FORT MEADE,
DECEMBER 1988

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT
FORT MEADE.

REPORT TPDC 89-015

NAME: DATA DICTIONARY: DEFENSE INSTALLATIONS, RANGES,
AND TRAINING AREAS DATA BASE

THIS REPORT CONTAINS THE NAME AND DESCRIPTION OF EACH DATA
ELEMENT CONTAINED IN THE DEFENSE INSTALLATION RANGES AND
TRAINING AREAS DATA BASE.

REPORT TPDC 89-016

NAME: U.S. NAVY: WEAPON TRAINING FACILITIES REPORT,
DECEMBER 1988

THIS REPORT IS A PARTIAL LIST OF THE NAVY & NAVY RESERVE INVENTORY OF INDIVIDUAL WEAPON TRAINING RANGES. DATA ON DESCRIPTION, USES, RANGE STRUCTURES, AND FACILITIES, GEOGRAPHICAL DATA, WEAPONS, AND AMMUNITION AUTHORIZED, AND RESTRICTIONS ARE PRESENTED.

REPORT TPDC 89-017

NAME: WEAPONS TRAINING FACILITIES REPORT, CAMP GRAYLING,
JANUARY 1989

THIS REPORT PRESENTS THE CURRENT WEAPONS TRAINING RANGES AT CAMP GRAYLING.

REPORT TPDC 89-022

NAME: INDIVIDUAL WEAPONS TRAINING RANGES IN DISTRICT OF COLUMBIA, MARYLAND, VIRGINIA, AND WEST VIRGINIA (ACTIVE AND LIMITED USE ONLY), APRIL 1989

THIS REPORT PROVIDES AN INVENTORY OF THE CAPABILITIES OF ACTIVE AND LIMITED USE INDIVIDUAL WEAPON TRAINING RANGES IN THE DISTRICT OF COLUMBIA, MARYLAND, VIRGINIA, AND WEST VIRGINIA.

REPORT TPDC 89-037

NAME: SUMMARY OF DATA HOLDINGS AND TYPES OF RANGE DATA AVAILABLE AT TPDC

PROVIDED VARIOUS SUMMARIES OF RANGE AND TRAINING AREA DATA CURRENTLY AVAILABLE AT TPDC. THE MATERIAL TO BE USED BY THE DIRECTOR, TRAINING POLICY, OFFICE OF THE SECRETARY OF DEFENSE, FORCE MANAGEMENT AND PERSONNEL, MILITARY MANPOWER AND PERSONNEL POLICY.

REPORT TPDC 89-043

NAME: LAND WARFARE RANGES BY PRIMARY USE IN THE UNITED STATES (EXCLUDING SMALL CALIBER)

PROVIDED A LISTING OF LAND WARFARE RANGES IN THE UNITED STATES SORTED BY THEIR PRIMARY USE, EXCLUDING SMALL CALIBER RANGES. THE MATERIAL TO BE USED BY THE DIRECTOR, TRAINING POLICY, OFFICE OF THE SECRETARY OF DEFENSE, FORCE MANAGEMENT AND PERSONNEL, MILITARY MANPOWER AND PERSONNEL POLICY.

Appendix C

Data Sources

Data Sources Summary by Service

Army	C-1
Army Reserve	C-1
Army National Guard	C-1
Air Force	C-2
Air Force Reserve	C-2
Air National Guard	C-2
Navy	C-3
Naval Reserve	C-3
Marine Corps	C-3
Marine Corps Reserve	C-4
Other	C-4

Data Sources Summary by Service

ARMY

Army active component ranges, unit training areas, and unit training facilities data are normally collected by visits to and site surveys of the installation. Meetings are held with range control personnel, facility engineers, and other appropriate training personnel to determine the current and projected ranges, training areas, and training facilities inventory and capabilities.

Minor installations may be contacted by telephone for these data if the numbers or complexity of data are minimal.

Clarifications for data in question is normally accomplished by telephone. Updating of data may be done by revisiting the installation or by telephone depending on the amount or complexity of the changes since the previous data collection.

ARMY RESERVE

Army Reserve ranges, unit training areas, and unit training facilities are normally collected by visits to Army Reserve major command headquarters. Meetings are held with facility engineers, and other appropriate training personnel to determine the current and projected ranges, training areas, and training facilities inventory and capabilities. Site surveys would be conducted in the case of a major training site. Clarifications for data in question is normally accomplished by telephone. Updating of data may be done by revisiting the installation or by telephone depending on the amount or complexity of the changes since the previous data collection.

ARMY NATIONAL GUARD

Army National Guard ranges, unit training areas, and unit training facilities data are normally collected by visits to and site surveys of the installation and visits to the headquarters of the State Adjutant General. Meetings are held with range control personnel, facility engineers, and other appropriate training personnel to determine the current and projected ranges, training areas, and training facilities inventory and capabilities.

Minor installations may be contacted by telephone for these data if the numbers or complexity of data are minimal.

Clarifications for data in question is normally accomplished by telephone. Updating of data may be done by revisiting the installation or by telephone depending on the amount or complexity of the changes since the previous data collection.

AIR FORCE

Air Force active component ranges data are normally collected by visits to and site surveys of the installation. Meetings are held with range control personnel and other appropriate training personnel to determine the current and projected ranges inventory and capabilities.

Minor installations may be contacted by telephone for these data if the numbers or complexity of data is minimal.

Clarifications for data in question is normally accomplished by telephone. Updating of data is normally accomplished by telephone depending on the amount or complexity of the changes since the previous data collection.

AIR FORCE RESERVE

Air Force reserve component ranges data are normally collected by visits to and site surveys of the installation. Meetings are held with range control personnel and other appropriate training personnel to determine the current and projected ranges inventory and capabilities.

Minor installations may be contacted by telephone for these data if the numbers or complexity of data is minimal.

Clarifications for data in question is normally accomplished by telephone. Updating of data is normally accomplished by telephone depending on the amount or complexity of the changes since the previous data collection.

AIR NATIONAL GUARD

Air National Guard ranges data are normally collected by visits to and site surveys of the installation. Meetings are held with range control personnel and other appropriate training personnel to determine the current and projected ranges inventory and capabilities.

Minor installations may be contacted by telephone for these data if the numbers or complexity of data is minimal.

Clarifications for data in question is normally accomplished by telephone. Updating of data is normally accomplished by telephone depending on the amount or complexity of the changes since the previous data collection.

NAVY

Navy active component ranges, training areas, and training facilities data are normally collected by visits to and site surveys of the installation. Meetings are held with range control personnel and other appropriate training personnel to determine the current and projected ranges, training areas, and training facilities inventory and capabilities.

Minor installations may be contacted by telephone for these data if the numbers or complexity of data is minimal.

Clarifications for data in question is normally accomplished by telephone. Updating of data may be done by revisiting the installation or by telephone depending on the amount or complexity of the changes since the previous data collection.

NAVAL RESERVE

Naval Reserve ranges, training areas, and training facilities data are normally collected by telephone calls to the installation.

MARINE CORPS

Marine Corps active component ranges, unit training areas, and unit training facilities data are normally collected by visits to and site surveys of the installation. Meetings are held with range control personnel, facility engineers, and other appropriate training personnel to determine the current and projected ranges, training areas, and training facilities inventory and capabilities.

Minor installations may be contacted by telephone for these data if the numbers or complexity of data are minimal.

Clarifications for data in question is normally accomplished by telephone. Updating of data may be done by revisiting the installation or by telephone depending on the amount or complexity of the changes since the previous data collection.

MARINE CORPS RESERVE

Marine Corps Reserve ranges, training areas, and training facilities data are normally collected by telephone calls to the installation.

OTHER

This category includes installations, ranges, training areas and training facilities belonging to state agencies, municipal agencies, DoD agencies other than the military Services, non-DoD Federal agencies, private owners, U.S. Coast Guard and Coast Guard Reserve, and foreign countries.

Data for these sources has been entered in the data base as available from Service sources, hard-copy documentation, or telephone calls to the individual sites.

Appendix D
List of Acronyms

LIST OF ACRONYMS

ARTMIS	Army Ranges and Targets Management Information System
DART	Directorate, Army Ranges and Targets
dbms	data base management system
DIRT	Defense Installations, Ranges, and Training Areas
DoD	Department of Defense
FORSCOM	U.S. Army Forces Command
GIS	Geographical Information System
LAN	Local Area Network
LATAR	Land and Training Area Requirements
mm	millimeter
NAVDAF	Naval Data Automation Facility
OSD	Offices of the Secretary of Defense
RAM	Random Access Memory
RFMSS	Range Facilities Management Support System
RURS	Range Utilization Reporting System
TAC	U.S. Air Force Tactical Air Command
TDAC	Training Data and Analysis Center
TPDC	Training and Performance Data Center
TRADOC	U.S. Army Training and Doctrine Center
UIC	Unit Identification Code
USMC	U.S. Marine Corps
4GL	Fourth Generation Language