

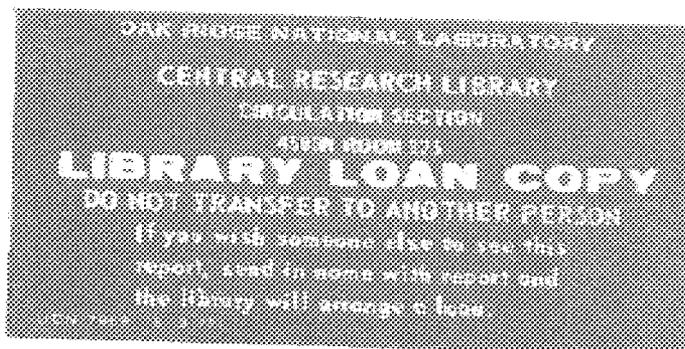
ORNL/TM-10754

OAK RIDGE
NATIONAL
LABORATORY

MARTIN MARIETTA

Data Base Design for the
Transportation Operational
Personal Property Standard System

M. M. Stevens



OPERATED BY
MARTIN MARIETTA ENERGY SYSTEMS, INC.
FOR THE UNITED STATES
DEPARTMENT OF ENERGY

Printed in the United States of America Available from
National Technical Information Service
U.S. Department of Commerce
5285 Port Royal Road Springfield, Virginia 22161
NTIS price codes—Printed Copy, A07; Microfiche A01

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

ORNL/TM-10754

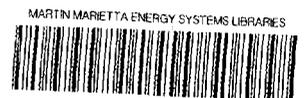
Energy Division

**DATA BASE DESIGN FOR THE TRANSPORTATION
OPERATIONAL PERSONAL PROPERTY STANDARD SYSTEM**

M. M. Stevens

Date Published—August 1988

Prepared by the
OAK RIDGE NATIONAL LABORATORY
Oak Ridge, Tennessee 37831-6285
operated by
MARTIN MARIETTA ENERGY SYSTEMS, INC.
for the
U.S. DEPARTMENT OF ENERGY
under Contract No. DE-AC05-84OR21400



3 4456 0289238 7

CONTENTS

LIST OF FIGURES	v
ACKNOWLEDGMENTS	vii
ACRONYMS AND ABBREVIATIONS.	ix
ABSTRACT	xi
1. BRIEF DESCRIPTION OF THE TRANSPORTATION OPERATIONAL PERSONAL PROPERTY STANDARD SYSTEM	1
2. DATA BASE MANAGEMENT SYSTEM	3
2.1. FUNCTIONS	3
2.2. FEATURES	3
3. DATA BASE DESIGN	5
3.1 IMPORTANCE	5
3.2 BOTTOM-UP SYNTHESIS.	5
3.3 TOP-DOWN DECOMPOSITION	5
3.3.1 Entity-Relationship Model	5
3.3.2 Procedure	6
3.4 KEYS	6
3.5 NORMALIZATION.	6
3.5.1 Example of Normalization	7
3.5.2 Denormalization	7
3.6 ENTITY-RELATIONSHIP MAPS	7
3.6.1 Reading Entity-Relationship Maps.	9
3.6.1.1 Optionality	9
3.6.1.2 Degree	9
3.6.1.3 Labels	9
4. TOPS DATA AND TABLES	13
4.1 OVERVIEW OF BASIC TABLES.	13
4.2 LINKING	13
4.3 MEMBER AND SHIPMENT DATA	13
4.3.1 Member-Orders Table.	13
4.3.2 Shipment Table	13
4.4 CARRIER AND CONTRACTOR DATA	15
4.5 REFERENCE DATA	15
4.6 CENTRAL CODE TABLES	15
5. TOPS SOFTWARE MODULES	19
5.1 COUNSELING	19
5.2 OUTBOUND PROCESSING	19
5.3 INBOUND PROCESSING	20
5.4 NONTEMPORARY STORAGE	20
5.5 QUALITY ASSURANCE	20
5.6 COMPLEXITIES OF PERSONAL PROPERTY SHIPPING	20
BIBLIOGRAPHY	23
Appendix A	A-1
Appendix B	B-1

LIST OF FIGURES

1. Separation of entities into tables is part of the normalization process	8
2. Example of Entity-Relationship map	10
3. Symbols and syntax of Entity-Relationship maps	12
4. Records in tables are linked through common data fields	14
5. Sample records in the Code and Code-Type tables	17

ACKNOWLEDGMENTS

I wish to acknowledge the contributions of J. P. Loftis, P. S. Meszaros, P. T. Singley, P. M. Spears, and T. G. Yow in the collection and organization of data elements for the individual modules.

I extend thanks to Kevin Kraemer of ORACLE Corporation for his invaluable help and guidance during the Entity-Relationship modeling.

I am most grateful to Scott Stevens for his support and encouragement during the design effort and for his timely reminders of the broad general concepts of the TOPS project.

Finally, special thanks are due to Susan Diegel for her excellent work in transforming hand-drawn sketches into plotted diagrams.

ACRONYMS AND ABBREVIATIONS

addl	additional
AQL	Acceptable quality level
assoc	associated
BOA	Basic ordering agreement
DBMS	Data base management system
debark	debarkation
desc	description
discrep	discrepancy
DITY	Do it yourself
DOD	Department of Defense
dom	domestic
DPM	Direct procurement method
DTGBL	Domestic through government bill of lading
embark	embarkation
ER	Entity-Relationship
GBL	Government bill of lading
id	identification
inspect	inspection
instr	instruction
intl	international
ITGBL	International through government bill of lading
JTR	Joint Federal Travel Regulations
le	less than or equal
MH	Mobile home
mi	mile
MTMC	Military Traffic Management Command
NTS	Nontemporary storage
POV	Personally-owned vehicle
PPSO	Personal property shipping office
pt	point
QA	Quality assurance
qtrly	quarterly
RIP	Reduction in payment
sched	schedule
serv	service
shipmt	shipment
SIT	Storage in transit
SSN	Social security number
temp	temporary
TGBL	Through government bill of lading
TOPS	Transportation Operational Personal Property Standard System
trans	transportation
UB	Unaccompanied baggage
wt	weight

ABSTRACT

The Transportation Operational Personal Property Standard System (TOPS) is a large and complex information management system built around a relational data base. Because the performance and integrity of TOPS depend on the design of the data base, two different methods were applied to the design. The two approaches converged to a fully normalized relational data base, which is described using Entity-Relationship maps and table listings.

1. BRIEF DESCRIPTION OF THE TRANSPORTATION OPERATIONAL PERSONAL PROPERTY STANDARD SYSTEM

The Transportation Operational Personal Property Standard System (TOPS) is an integrated automated information management system developed for the four armed services and the Military Traffic Management Command of the U.S. Department of Defense (DOD). The system will be used to automate the record-keeping associated with shipment and storage of personal property of military services personnel and civilian DOD employees. When completed, TOPS will be installed at over 200 military bases throughout the United States.

At a military facility, the personal property shipping office will use TOPS computer hardware and software to capture, validate, store, retrieve, modify, and transmit relevant data. Each location will have a standard copy of TOPS software and a unique local data base containing information pertinent to shipments originated and received by that office. All shipment data and the transactions that manipulate the data will be processed through the TOPS data base.

2. DATA BASE MANAGEMENT SYSTEM

2.1. FUNCTIONS

TOPS software is based on ORACLE,¹ a commercial relational data base management system (DBMS) with capabilities for generation of application programs as well as for basic data manipulation. For data input, the DBMS handles entry, validation, and storage. For data manipulation, it assists in maintenance operations such as addition, deletion, update, and also in browsing. For output, the DBMS allows definition of simple queries, standard forms, and complex multilevel reports.

2.2 FEATURES

A relational DBMS was selected because of its simplicity in data representation, flexibility in structure definition, ease of use, and data independence. This last feature, the independence of the physical storage method from the data representation method, allows the addition of new information to the system without a complete restructuring of the data base or a recompilation of existing application programs. Consequently, data independence is an important advantage for a system such as TOPS that is subject to frequent change in data and processing requirements.

Data representation in a relational data base is accomplished through a model of two-dimensional tables. The design of a relational data base consists primarily of the definition of these tables, the data in the tables, and the relationships among the tables. The data base is visualized as a collection of tables, with the data arranged in rows and columns. In general, a separate table exists for each class of objects that have common properties. A row in the table is a record, a group of related information items that describe a particular object in the class. The columns are fields in the record and indicate the names and locations of the data items that describe the object (1).

¹ORACLE is a registered trademark of Oracle Corporation, Belmont, California.

3. DATA BASE DESIGN

3.1 IMPORTANCE

Consistent with good software engineering practice, TOPS software is divided into functional modules (2,3). These modules are capable of performing the many and varied record-keeping tasks associated with functions of a transportation office by sharing the automated data base. All applications programs operate on the same set of data; they enter, retrieve, and update items in the common data base, and interaction between modules occurs through the data base.

Because the data base is central to all operations, its conceptual design is a crucial element for both satisfactory performance of the system and maintenance of data integrity. Proper design helps ensure the modularity, efficiency, consistency, and integrity of the data base (4). Accordingly, in TOPS two different methods of data base design were followed: (1) bottom-up synthesis and (2) top-down decomposition combined with entity-relationship (ER) analysis. The two independent methods were applied to ensure that the conceptual design was correct, complete, and internally consistent (5,6).

3.2 BOTTOM-UP SYNTHESIS

The first method of data base design applied to TOPS was a modified bottom-up approach. This method involved analyzing groups of data items as seen by independent users and synthesizing the items into classes of objects through normalization. First, all of the information items in the system were gathered from user views. The analysis included the functions performed, the data used, and the forms and reports required in the processing of personal property shipments. Next, the collected data items were reviewed to identify and eliminate homonyms, synonyms, and aliases. The resulting nonredundant set was organized into a logical data structure based on functional use, which was then simplified to table form through normalization. In the normalization process, any redundant data remaining in the logical structure were removed, unique keys needed to access data items were determined, and necessary associations among data items were established. Normalization is discussed further in Sect. 3.5 and keys in Sect. 3.4.

The result of the bottom-up synthesis process was a data base design consisting of approximately 150 tables containing over 1200 data elements.

3.3 TOP-DOWN DECOMPOSITION

The second method of data base design used on TOPS was a top-down approach applied to ER modeling. This process involved determining significant objects and concepts, establishing relationships among them, and normalizing the data associated with them. ER maps were generated and used extensively.

3.3.1 Entity-Relationship Model

ER analysis produces a system model in which data are described in terms of

1. entity types—classes of persons, places, things, or concepts of interest in the system being modeled;
2. relationships—the ways in which entities of two or more types are associated with each other or share characteristics; and

3. attributes—the properties or characteristics (the data items) that describe each entity type.

Simply put, nouns usually correspond to entity types, verbs to relationships, and adjectives to attributes (2,6,7,8).

3.3.2 Procedure

As the first step in top-down ER modeling, high-level data models were prepared. These models were based on the user views from the original analysis, but in this process only important objects and concepts were considered. In each model, significant entity types were identified and the relationships among them determined. The models were depicted on ER maps (see Sect. 3.6), which portray the entity types and their relationships in a graphical form.

In the next step, attributes were associated with the entity types. In this effort, the nonredundant set of data items developed for the bottom-up method provided a ready source of properties and characteristics. The assigned attributes were then normalized to produce simple tables of nonredundant data with unique access keys and necessary connections among data items.

Finally, the entity types were checked for actual use in TOPS processing. An entity type identified in the high-level model but not required in the logical, functional model was deleted or merged with another entity type. When the ER model was translated onto the relational data base, (1) the entity types became tables, (2) relationships were implemented through keys, and (3) the attributes became columns in the tables.

Results of the top-down ER method confirmed the correctness and completeness of the first design and led to changes that should result in improved performance in the physical data base.

3.4 KEYS

As part of the normalization process, keys are determined for the entity types in the system. Each entity type must have an identifier (or key) that distinguishes among instances of the entity type (4,7).

In the ER model, entity types—the objects of interest—are characterized by their attributes, the data items associated with them. One or more attributes of an entity type are used as a primary key for unique identification of each occurrence of the entity type. In TOPS, the entity type Member-Orders can be identified by a combination of two attributes, member-social-security-number and orders-number. Those attributes make up the key for Member-Orders. The key for Shipment is composed of those attributes and one more. Because a member may have multiple shipments, the member's social security number and orders number are combined with a shipment number to form the key that identifies a specific shipment. Shipments of each member are assigned a sequential shipment number for use in the identifier.

Keys play an important role in linking records in one table with those in another table. Linking of records in TOPS is discussed in Sect. 4.2.

3.5 NORMALIZATION

Much has been written about the importance and the process of normalization in data base design (2,4). This report will not undertake a detailed exposition but will discuss the subject briefly.

Basically, in normalization, data items in a logical structure are subjected to rules that simplify the structure and eliminate redundancy and unnecessary items. The process of normalization starts with ensuring that a record (or row) contains no repeating groups of data; moves through a decomposition process, resulting in records that contain data about only one object; and further refines those records by examining the dependencies and associations among their data.

Formally, three levels of normalization (called first, second, and third normal form) can be achieved. A record is said to be in first normal form when it contains no repeating groups. A record is in second normal form when it contains information about a single semantic object and all nonkey data are fully dependent on the primary key. Third normal form has been reached when no nonkey data item in the record is dependent on any other nonkey item in the same record.

3.5.1 Example of Normalization

In TOPS, an early design might have a single record that contains information about a member and his shipment. If the member had multiple shipments, there would be multiple records. In these records, the shipment-related information would be different, but the member-related information would be the same, merely duplicated. Normalization leads to separation of each record into two records in two separate tables, one for member-related data, the other for shipment-related data.

The result of the separation is shown in Fig. 1. The figure shows simplified, abbreviated versions of the Member-Orders and Shipment tables with a few rows of data listed in each table. In the example, member Sergeant Jones has two shipments; consequently, two rows of data are entered in the Shipment table, but the data about the member himself appear only once—in the Member-Orders table. In this example, the member and his shipment are connected through his social security number. The use of separate tables avoids the repetition of the member data in the data base, thus saving space and simplifying updates to the data.

3.5.2 Denormalization

The designation of first, second, or third normal form is used to represent the three levels of normalization from lowest to highest degree. In the preceding example, data groups were separated into different tables to achieve second normal form. TOPS data base design was aimed at strict third normal form to take advantage of its simplified data structures and its avoidance of redundancy and unnecessary data items. However, because TOPS is a large, complex system, the rigor of third normal form was relaxed in some places to facilitate coding and improve performance. In these areas, redundancy is controlled rather than eliminated. In other areas, where data groups were known to occur only occasionally or only in specific instances, data structures were further simplified, using more tables than were required for third normal form.

3.6 ENTITY-RELATIONSHIP MAPS

An important part of ER analysis is the generation of ER maps to portray entity types and their relationships in a graphic form. The diagrams provide a compact, precise description that is difficult to achieve in text descriptions and permit an overview that helps make complex relationships clear (7).

MEMBER-ORDERS TABLE

Member name	* Member SSN	Member branch	Member rank	Orders number
Jones	243-90-1933	Army	Sergeant	AP-1043
Smith	413-16-8036	Navy	Ensign	NP-4160

SHIPMENT TABLE

* Member SSN	Shipment origin	Shipment destination	Pickup date	Delivery date
243-90-1933	Ft Hood TX	Frankfurt GE	16 Nov 86	03 Jan 87
243-90-1933	Ft Hood TX	Madison WI	12 Nov 86	04 Dec 86
413-16-8036	Norfolk VA	San Diego CA	16 Dec 86	16 Jan 87

Fig. 1. Separation of entities into tables is part of the normalization process.

Attributes associated with an entity type are not shown on the maps; instead, they are given separately in a table listing for each entity type. The ER maps, used in conjunction with listings of the data items in the tables, provide a good picture of the data base design. The diagrams are useful to designers, developers, and users of the data base.

In the preceding sections and paragraphs, careful distinction has been made in the use of the terms "entity type," which denotes a class of objects, and "entity," which refers to a particular object in a class. In current practice, the distinction is commonly ignored or blurred, and "entity" is used loosely to mean either a class or an instance. Except where the distinction is required for understanding of design concepts, this document will follow current practice, which is less precise but more readable. It should be noted, however, that an entity on an ER map represents an entity type rather than an entity occurrence.

3.6.1 Reading Entity-Relationship Maps

An example of the basic syntax for ER maps is given in Fig. 2. Entity types are shown as rectangles containing the entity class name. The relationships are shown as lines connecting the rectangles. Each end of the relationship line has syntax markings that denote optionality and degree.

3.6.1.1 Optionality

The optionality syntax identifies whether a relationship must exist between the entities or is optional. The syntax is read from the condition of the line itself. A solid line indicates a mandatory relationship. For example, in Fig. 2 the solid line between Member-Orders and Shipment means that each Member-Orders has a Shipment related to it and each Shipment must be related to a Member-Orders.

The alternate condition, a broken line, indicates that a relationship is optional. The line between Member-Orders and Spouse-in-Service means that each Member-Orders (the broken end) *may* be related to a Spouse-in-Service but that each Spouse-in-Service (the solid end) *must* be associated with a Member-Orders. Similarly, a shipment *may* be related to a Shipment-Additional-Service, but a Shipment-Additional-Service *must* be associated with a shipment.

3.6.1.2 Degree

The degree syntax on the relationship line gives information about the number of one entity associated with the other entity. The line itself denotes one instance. For example, one Member-Orders is related to one Spouse-in-Service. The appearance of a crow's foot symbol at the end of the line indicates one or more instances. For example, one Member-Orders is associated with one or more Shipments, as denoted by the crow's foot next to Shipment. However, because there is no crow's foot on the Member-Orders end, each Shipment is associated with only one Member-Orders.

3.6.1.3 Labels

Semantic labels appear on each end of the relationship line as clarifications and as aids to "reading" the line in words. As with the optionality and degree markings, labels are associated with the rectangle nearest them. Using the labels

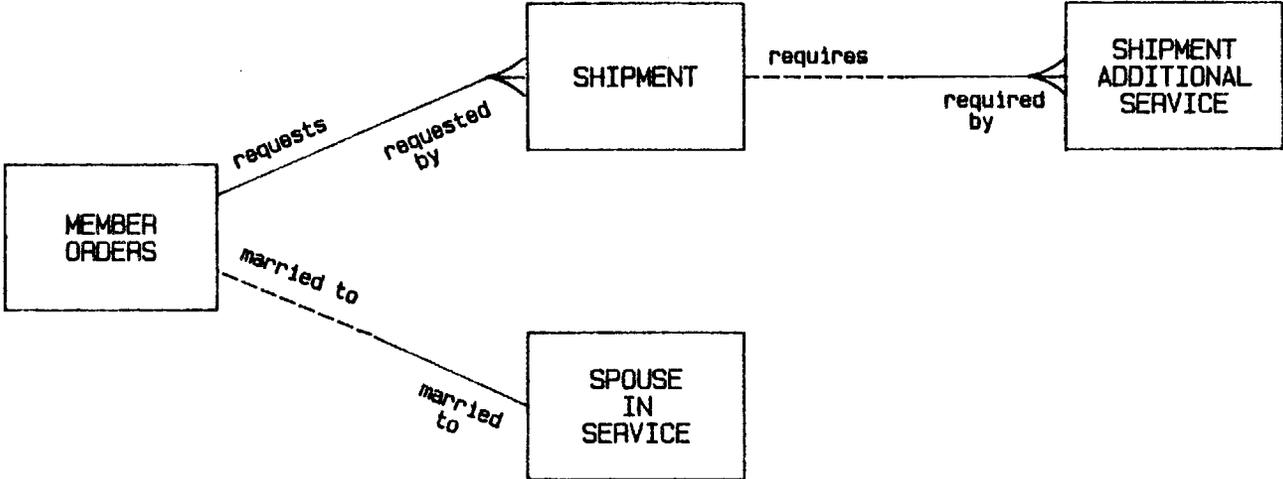


Fig. 2. Example of Entity-Relationship map.

in conjunction with the optionality and degree syntax allows the construction of English sentences that precisely describe the relationship. For example, from left to right on Fig. 2,

1. one Member-Orders requests one or more Shipments,
2. one Shipment may require one or more Shipment-Additional-Services, and
3. one Member-Orders may be married to one Spouse-in-Service.

From right to left,

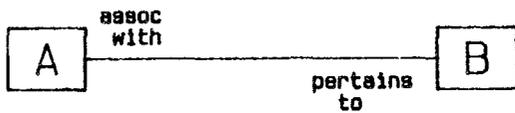
1. one Shipment-Additional-Service is required by one Shipment,
2. one Shipment is requested by one Member-Orders, and
3. one Spouse-in-Service is married to one Member-Orders.

A graphic key to the syntax and notation used on the ER maps and examples of associations that may occur are shown in Fig. 3. More information on building and reading ER maps appears in Johnston; Wallace, Stockenberg, and Charette; and Martin and McClure (5,7,9).

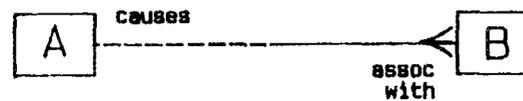
A box represents an entity, a table in the data base

A line represents a relationship between two entities

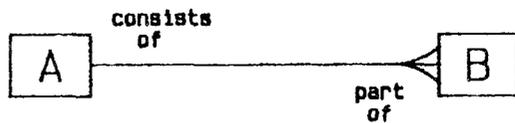
- A solid line means 'is' or 'must be'
- A broken line means 'may be'
- > A crow's foot symbol means 'one or many'



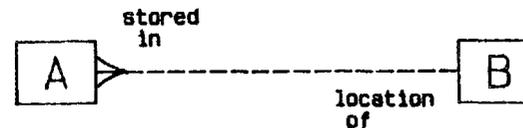
A is associated with one B
B pertains to one A



A may cause one or many B
B is associated with one A



A consists of one or many B
B is part of one A



A may be stored in one B
B may be the location of one or many A

12

Fig. 3. Symbols and syntax of Entity-Relationship maps.

4. TOPS DATA AND TABLES

4.1 OVERVIEW OF BASIC TABLES

Data in the TOPS data base are concerned primarily with a member of the armed services and the shipments required to transport his personal property when he is reassigned through military orders. These transaction data are transient in the data base. Records about a member and his shipment are added when he requests services, remain until the services are complete, and are then archived. Other major groups of data relate to the carriers and contractors who perform the actual movement of a shipment under various tariffs, contracts, and ordering agreements. Such industry-related data are relatively stable, but do change periodically as new rates are bid and economic conditions change. A third large group of data is composed of reference information (such as weight allowances, transportation rates, transit times, and local site information), which changes relatively slowly compared with other parts of the TOPS data base.

4.2 LINKING

As discussed in Sect. 3.4, each table, or entity type, has a primary key made up of one or more fields that uniquely identifies a record in the table. Key fields are used also to relate one table to another. A record in one table is linked to a record in another through specific fields contained in both. The ER maps in Appendix A graphically show existing associations among the tables in the TOPS data base. For each line that connects tables, one or more key fields exist in both tables to allow linking of their data.

For some important tables, the primary keys and other key fields used to link records are discussed in the sections that follow. Figure 4 demonstrates linking of records among Member-Orders, Shipment, and a few shipment-related tables.

4.3 MEMBER AND SHIPMENT DATA

4.3.1 Member-Orders Table

In the TOPS data base, the Member-Orders table contains information about the member, his military service, and the orders that permit movement of personal property. The table is called Member-Orders to acknowledge that, for purposes of TOPS, a service member *always* has orders, or a similar authority, to relocate. A row in the Member-Orders table is identified by the primary key made up of the member's social security number and his orders number. There is one record in the table for a particular member with a particular orders number. Records in other member-related tables contain these same key fields. Complete listings of the definitions of the Member-Orders table and all other tables in the TOPS data base are given in Appendix B.

4.3.2 Shipment Table

The most important table in the TOPS data base is the Shipment table, since the purpose of the system is to keep records about shipments. The Shipment table has over 160 columns and serves as the principal data store for transient shipping data. It stores information about origin and destination, pickup and delivery dates, weights, and the carrier or contractor responsible for the shipment. Records in the Shipment table are identified by the member's social

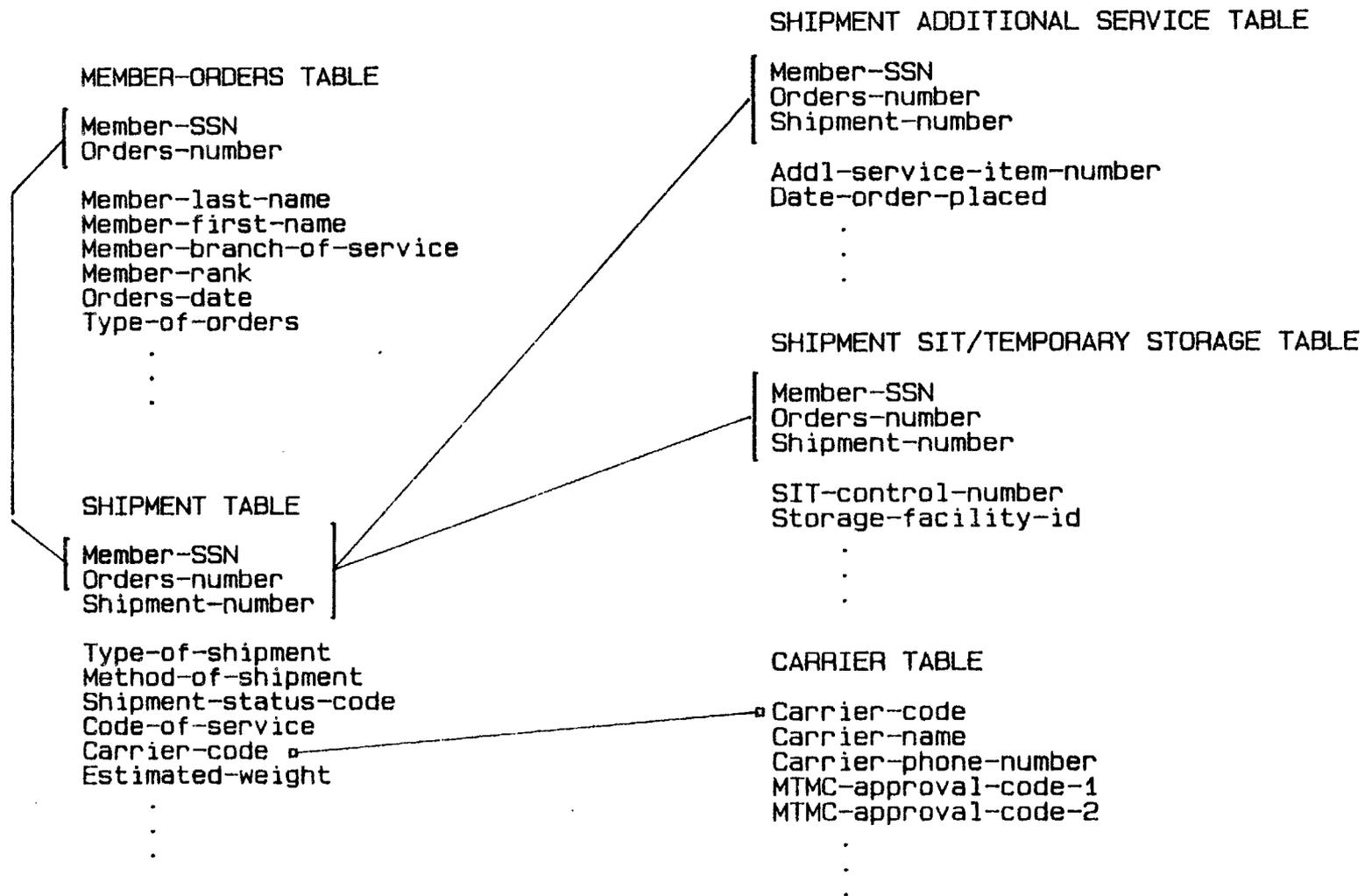


Fig. 4. Records in tables are linked through common data fields.

security number, his orders number, and a sequential shipment number. The first data base design defined different tables for shipments moving under different methods. However, further analysis suggested that coding and performance of application programs would be enhanced by combining at least some of those tables into a single table. The Shipment table itself contains information for the most common methods, while a few associated tables store additional information specific to the other methods.

4.4 CARRIER AND CONTRACTOR DATA

Several important tables in the TOPS data base contain information about the commercial carriers and contractors who perform the services required to transport a member's belongings.

Carrier data such as name, home office and mailing addresses, and approvals for certain kinds of service are stored in the Carrier table. Other, related tables hold information about the carrier's bid rates for specific services and Quality Assurance ratings derived from past performance. Each carrier is assigned a unique identifying code, the Standard Carrier Alpha Code, that serves as the primary key in the Carrier table. Related tables, including the Shipment table, also contain the carrier code, thus providing a link among the tables.

Another group of tables holds data about contractors who agree to handle personal property shipments under local contractual or basic ordering agreements. The tables contain names, addresses, specific services, and rates. Contractors, too, are assigned a code that is used as the primary key, and related tables are linked through that field.

4.5 REFERENCE DATA

The personal property of service members is moved in accordance with regulations published by the government. TOPS software incorporates those regulations and official procedures into many automated procedures, automatically offering a user the correct choice in most situations. Data about the regulations, as well as reference data that describe real-world status such as mileages and routes, are stored in a relatively stable group of tables. Some of these tables are linked to other tables, but a more common way to access such a table is by providing field values that determine a particular row in the table, allowing retrieval of a particular desired value.

In order to select or retrieve information from a reference table, fields in other, transient tables are matched with fields of the same name in the reference table. For example, the JTR-Weight-Allowance table stores data published in the Joint Federal Travel Regulations specifying the amount of weight a member is entitled to ship at government expense. A value for the allowed weight is retrieved by matching the fields member-pay-grade, type-of-orders, and dependent-travel-authorized in the Member-Orders record with their counterparts in the JTR-Weight-Allowance records.

4.6 CENTRAL CODE TABLES

Some data within TOPS are basically definitions or conventions. There are many instances in which a few characters are used as a code to represent a larger piece of information. TOPS contains many code types, some of which are standard abbreviations, such as those for state names, while others are specific to personal property shipping (e.g., those pertaining to geographic areas or describing

various status and action conditions). Another group of codes represents textual remarks that are common in personal property processing. These standard remarks codes allow TOPS users to invoke long strings of data with a few keystrokes.

In the TOPS data base, these data items are centrally stored in the Code table and centrally managed through the Code-Type table. The Code table stores the actual *values of the codes*, while the Code-Type table contains the *definitions of the code types*. For both tables, field names, accompanied by example data, are given below. The Code table contains values for all of the code types, with the following fields:

code-type	State
code-value	TN
code-translation	Tennessee
code-attribute-value	none

The Code-Type table has these fields:

code-type	State
code-type-translation	State name abbreviation
code-value-length	2
code-translation-length	20
code-attribute-length	0 (not used)
code-attribute-use	none

The "attribute" items listed above are used when some further piece of information is associated with the code. For example, the codes that represent reasons for a carrier's refusal of a shipment include information about whether a weight penalty should be imposed. In that case, in the Code table, the code-attribute-value is "Y" or "N" (to indicate Yes or No). In the Code-Type table, the code-attribute-length is "1" (for the Y or N), and the code-attribute-use is listed as "Y = Carrier penalized. N = Carrier not penalized."

A pictorial layout of the Code and Code-Type tables, with a few samples of data used in TOPS, is shown in Fig. 5. The design and use of a central code table are discussed in Norris and Benn (10).

CODE-TYPE TABLE

Code type	Code type translation	Code value length	Code translation length	Code attribute length	Code attribute use
STATE	State name abbreviation	2	20	0	-
RATE AREA	Intl TGBL rate area	9	20	1	Portion of country or state (N, S, A, B, etc.)
CARR REF	Carrier refusal reason	2	50	1	Y=Carrier penalized N=Carrier not penalized

CODE TABLE

Code type	Code value	Code translation	Code attribute value
STATE	AK	Alaska	-
STATE	AL	Alabama	-
STATE	AR	Arizona	-
...			
RATE AREA	GE01	Germany	S
RATE AREA	US66	Texas	N
RATE AREA	US66	Texas	S
...			
CARR REF	NT	Refused, out of NTS	Y
CARR REF	RC	Refused for cause	N
CARR REF	RR	Regular refusal	Y
...			

Fig. 5. Sample records in the Code and Code-Type tables.

5. TOPS SOFTWARE MODULES

The TOPS software system contains five main modules, reflecting the traditional division of effort at a personal property shipping office. The modules are Counseling, Outbound Processing, Inbound Processing, Nontemporary Storage, and Quality Assurance. Subsections of these modules perform the functions needed to capture, validate, store, manipulate, and report the data associated with DOD personal property shipping.

During a shipment, a set of interrelated records about it is maintained in the local data base at the shipping office where the shipment originated, and related subsets of data are transmitted to local data bases at other sites as needed. All manipulation of the data by application programs takes place as a series of data entries, retrievals, updates, and reports.

5.1 COUNSELING

Counseling is the first module used when a service member contacts his shipping office. Within this module, subparts capture data identifying the member and determine whether data about him are already stored in the data base. Also, data such as pay grade and length of service are used to determine how much property he is authorized to ship at government expense on his current orders. If shipments are already on record against those orders, the software determines his remaining entitlement. Data such as type of shipment, approximate size, pickup and delivery addresses, and requested delivery date are then collected about the specific shipments being requested. These and other data are then entered into the local data base for use by other modules as the member's request for shipment is processed.

5.2 OUTBOUND PROCESSING

The Outbound module monitors shipment request records and retrieves and displays them to an Outbound clerk for processing. On the screen, the requests are grouped by requested pickup date and shipment type.

For shipments that will move by the method of Through Government Bill of Lading (TGBL), a selected request is displayed juxtaposed with a retrieved list of shipping industry carriers who are possible candidates to handle the shipment. The list of carriers is ordered by low bid rate, weight of shipments already awarded, and a Quality Assurance score for past shipments. The ordering is performed in accordance with government regulations about distribution of traffic among carriers. When the clerk chooses a carrier from the list, the software records the choice and a reason for it. Relevant data, including information about the verbal agreement between the clerk and the agent, are stored in the data base. A printed contract, the Personal Property Government Bill of Lading, is produced as a data base report just before shipment pickup. Detailed records of any additional services required for the shipment are stored to allow verification of invoices submitted for payment.

For a second principal method of shipment, the Direct Procurement Method (DPM), the shipping offices deal directly and separately with local packing and drayage contractors at origin and destination and with a linehaul carrier who handles long distance freight transportation in between. For DPM shipments, the software captures detailed data about all services performed by each local contractor and produces monthly invoices for verification by the contractors.

When a shipment is picked up, information about it is retrieved from the data base at the origin and sent electronically to the shipping office at the destination.

5.3 INBOUND PROCESSING

At the destination shipping office, the Inbound module accepts the transmitted data and establishes a record of the member and his incoming shipment in the local data base. When either the member or the carrier/contractor contacts the Inbound clerk, further data are then captured to document the arrival and to note any temporary storage required. Information about temporary storage, reweigh, and delivery of the member's property is added as the shipment moves through Inbound processing. When the clerk enters data indicating that the shipment is complete, a completion record is transmitted back to the origin shipping office, which has legal responsibility for archival storage of the records.

5.4 NONTEMPORARY STORAGE

A service member on orders often transports only some of his property to his new duty station. In such cases, long-term storage, called Nontemporary Storage (NTS), of prescribed amounts of personal property is authorized at government expense. The NTS module captures data relevant to placing the property in storage, maintains records of the stored goods, and captures relevant data when the goods are removed from storage, or when the authorized storage period expires and responsibility for the storage expense reverts to the member. The NTS module monitors data about property that is stored with each contractor and prepares invoices for payment of storage costs as a report from the data base.

5.5 QUALITY ASSURANCE

Quality Assurance (QA) personnel from shipping offices monitor the performance of contractors, carriers, and their agents and workers, and they reward or punish the companies in an effort to ensure satisfactory handling of personal property shipments. Shipments can be inspected at origin and/or destination, and a variety of data about the inspections are captured and stored in the data base.

For carriers and agents, such data serve as a basis for calculations that are used to rank the carriers for consideration in Outbound processing. In addition, punitive actions such as suspension or disqualification may be taken against a carrier; both the action and the supporting data are stored and monitored in the data base. QA data captured at destination are transmitted to origin to become a part of the permanent record of the shipment.

For local contractors participating in DPM, tallies of requirements violations are kept and used as a basis for a reduction in payment to the contractor.

5.6 COMPLEXITIES OF PERSONAL PROPERTY SHIPPING

Much of the preceding discussion of TOPS functions and data has been simplified for clarity of presentation. The details of actual tables, relationships, and application programs are considerably more complex than the examples presented. TGBL shipments, for instance, can be destined for either the continental United States (Domestic TGBL) or for an overseas location (International TGBL). The regulations that govern the two are quite different, the shipments are handled by different sets of carriers, and the rates are

different in structure and administration. Furthermore, QA for the two is controlled through two different programs.

A shipment that begins straightforwardly may become complicated by being consolidated or split. When it is cost-effective, several shipments to the same general destination may be consolidated. On the other hand, a large shipment may be split into several portions, each of which must be tracked separately.

Not all goods are moved by a carrier or contractor. A service member may in fact elect to move his own household goods, using either rental equipment or his own vehicle. Such a Do It Yourself move can be advantageous to both the member and the government. A member may elect to have his mobile home and its furnishings moved to his new location or another location. In most cases, the actual cost of one of these methods of shipment must be compared with the computed cost of shipment by van.

Although most of the discussion in this report has referred to movement of household goods, it should be noted that a member is also entitled to move personal property as unaccompanied baggage. Regulations for movement of unaccompanied baggage differ among the branches of the armed services. Unaccompanied baggage may be shipped under several methods, including TGBL, DPM, and Parcel Service.

There are many factors that can complicate the calculation of a member's entitlement to ship goods at government expense. For instance, a member may have a spouse who is also a service member and who may be traveling to the same destination on his or her own orders. Dependents may or may not be authorized to travel under the same orders.

Finally, each of the four services has a different way of dealing with some situations, and data in reference tables frequently must be organized to reveal the service specificity.

To function amid all these complexities, the TOPS software itself is quite complex, and the TOPS data base has been designed to accommodate both complexity and change. It is not, however, the purpose of this report to explain the TOPS software. The TOPS Functional Description contains an extensive discussion of the required functionality, and the TOPS system design is partially documented in a PSA data base, using the facilities of the software engineering tool PSL/PSA² (Problem Statement Language/Problem Statement Analyzer).

This report is intended to describe the conceptual design of the TOPS data base. For that purpose, an excellent graphical aid is the set of ER maps listed on the next page and given in Appendix A. Some maps are organized by module and others by method of shipment, as governed by logical function and use. The maps have been an invaluable tool during data base design, and the overview that they permit should prove quite helpful in understanding the large and complex TOPS data base.

²PSL/PSA was developed by ISDOS, Inc., of Ann Arbor, Michigan.

LIST OR ENTITY-RELATIONSHIP MAPS

Counseling

Domestic Through Government Bill of Lading (DTGBL)

International Through Government Bill of Lading (ITGBL)

Direct Procurement Method (DPM)

Inbound Processing

Do It Yourself (DITY) Inbound

Nontemporary Storage (NTS)

Quality Assurance - Through Government Bill of Lading (QA-TGBL)

Quality Assurance - Direct Procurement Method (QA-DPM)

Quality Assurance - Nontemporary Storage (QA-NTS)

BIBLIOGRAPHY

1. David Kruglinski, *Data Base Management Systems*, Osborne/McGraw-Hill, New York, 1983.
2. Roger S. Pressman, *Software Engineering: A Practitioner's Approach*, 2nd ed., McGraw-Hill, New York, 1987.
3. David King, *Current Practices in Software Development*, Yourdon Press, New York, 1984.
4. Elizabeth N. Fong et al., *Guide on Logical Database Design*, NBS Special Publication 500-122, U.S. Department of Commerce, National Bureau of Standards Center for Programming Science and Technology, Gaithersburg, Md., February 1985.
5. Thomas Johnston, "Building Logical Data Models: A Practitioner's Guide," *Computerworld* 19(22), 7-16 (April 1985).
6. Peter Lambertus, "An Introduction to Entity Relationship Modeling," *Yankee Orator* 2(1), 6-8 (March 1987).
7. Robert H. Wallace, John E. Stockenberg, and Robert N. Charette, *A Unified Methodology for Developing Systems*, McGraw-Hill, New York, 1987.
8. Nicholas Roussopoulos and Raymond T. Yeh, "An Adaptable Methodology for Database Design," *IEEE Computer* 17(5), 64-80 (May 1984).
9. James Martin and Carma McClure, *Diagramming Techniques for Analysts and Programmers*, Prentice Hall, Englewood Cliffs, N.J., 1985.
10. William Norris and Susan Benn, "Central Code Table," *Yankee Orator* 2(1), 14-16 (March 1987).

APPENDICES

ACRONYMS AND ABBREVIATIONS USED IN APPENDICES

accum	accumulated
act	actual or action(s)
addl	additional
addr	address
admin	administrative
AF	Air Force
alpha	alphabetic
altern	alternative
APO	Air Post Office
approp	appropriation
attr	attribute
auth	authorized or authority
avail	available
BOA	Basic Ordering Agreement
c-c	carrier/contractor
CDR	Contract Discrepancy Report
cert	certification
chg	charged
comm	command, commercial, or commission
compl	complete
conf	confirmation
consol	consolidated
constr	constructive
contr	contractor
contract	contractor
conv	conversion
debark	debarkation
del	delivery
depend	dependents
deploymt	deployment
depn	dependents
desc	description
desig	designated or designator
dest	destination
detach	detachment
DODAAC	Department of Defense Activity Address Code
dom	domestic
DPM	direct procurement method
DTGBL	Domestic Through Government Bill of Lading
effect	effective
embark	embarkation
entitle	entitlement
entitlemt	entitlement
est	estimate or estimated
eval	evaluation
expir	expiration
FPO	Fleet Post Office
frm	form
GBL	Government Bill of Lading
GBLOC	Government Bill of Lading Office Code
GOC(S)	government-owned container(s)

ACRONYMS AND ABBREVIATIONS USED IN APPENDICES (continued)

govt	government
guar	guaranteed
HHG	household goods
id	identification
ident	identification
immed	immediate
info	information
init	initial
inspectn	inspection
instr	instruction(s)
inter	interstate
internat	international
intl	international
intra	intrastate
ITGBL	International Through Government Bill of Lading
ITO	installation transportation officer
JTR	Joint Federal Travel Regulations
le	less than or equal
LOI	Letter of Intent
MAC	Military Airlift Command
max	maximum
mbr	member
MC	Marine Corps
MH	mobile home
mi	mile(s)
MIA	missing in action
mid	middle
min	minimum
mod	modification
MSC	Military Sealift Command
msg	message
MTMC	Military Traffic Management Command
nam	name
NMF	Navy management fund
no	number
NTS	nontemporary storage
ord	order
orig	original
pcs	permanent change of station
perfrm	perform
perm	permanent
POD	port of debarkation
POE	port of embarkation
POV	personally owned vehicle
PPSO	Personal Property Shipping Office
prefer	preference
prim	primary
pro	professional
pt	point
QA	quality assurance
qtrly	quarterly

ACRONYMS AND ABBREVIATIONS USED IN THE APPENDICES (continued)

RDD	required delivery date
recd	received
relatn	relation
rep	representative
req	required
resp	responsible
RIP	reduction in payment
sched	schedule
serv	service
shipmt	shipment
SIT	storage in transit
sol	solicitation
spon	sponsoring
SSN	Social Security number
stg	storage
TDR	traffic distribution record
tdy	temporary duty
TELEX	teletypewriter exchange service
temp	temporary
TGBL	Through Government Bill of Lading
TO	transportation officer
ton	tonnage
trans	transaction
transl	translation
TWX	teletypewriter exchange
UB	unaccompanied baggage
unaccom	unaccompanied
wt	weight

APPENDIX A
ENTITY-RELATIONSHIP MAPS

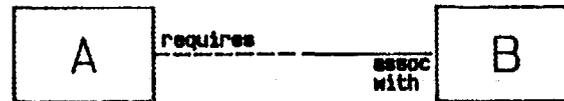
DESIGN MAP NOTATION

A rectangle represents a table in the database.
 A line represents a relationship between two tables.

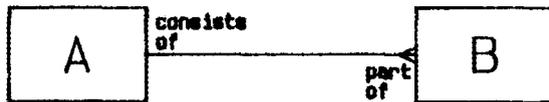
Solid line = 'is'
 Broken line = 'may be'
 Crow's foot = 'one or many'



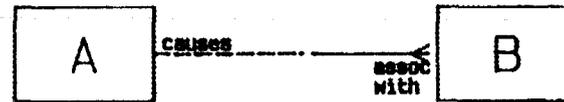
A is assoc with one B
 B pertains to one A



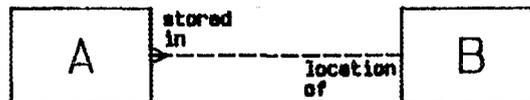
A may require one B
 B is assoc with one A



A consists of one or many B
 B is part of one A

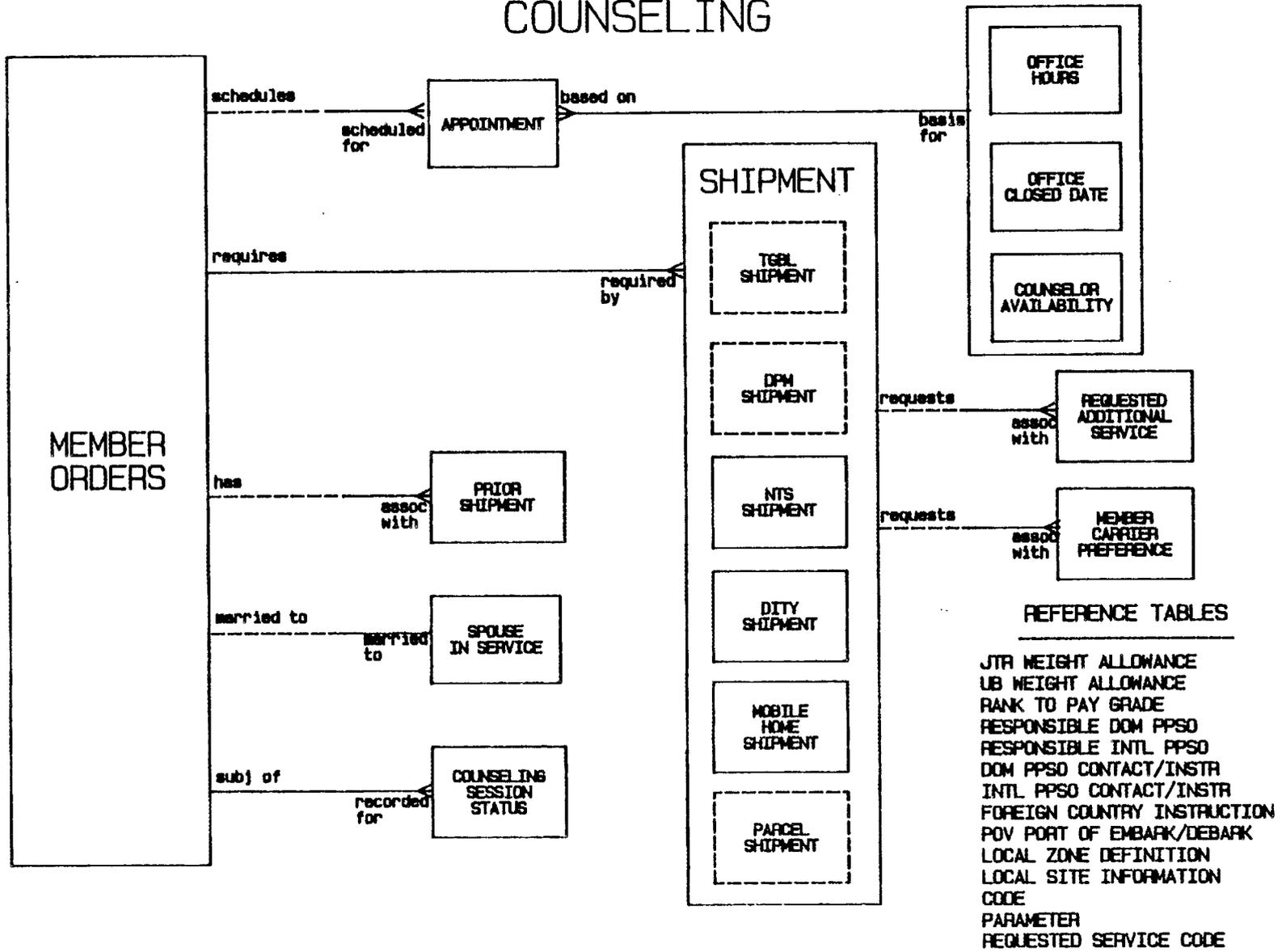


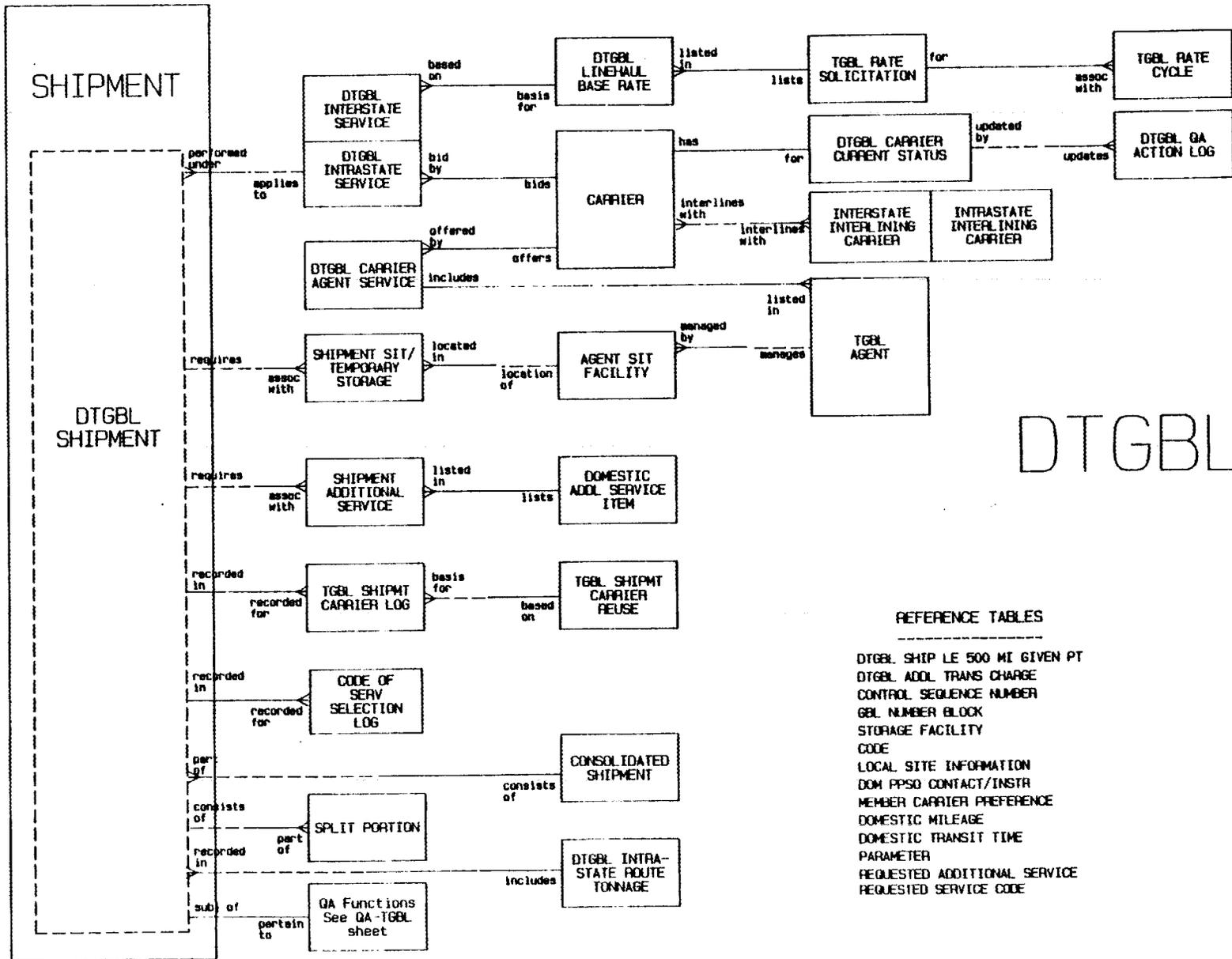
A may cause one or many B
 B is assoc with one A



A may be stored in one B
 B may be the location of one or many A

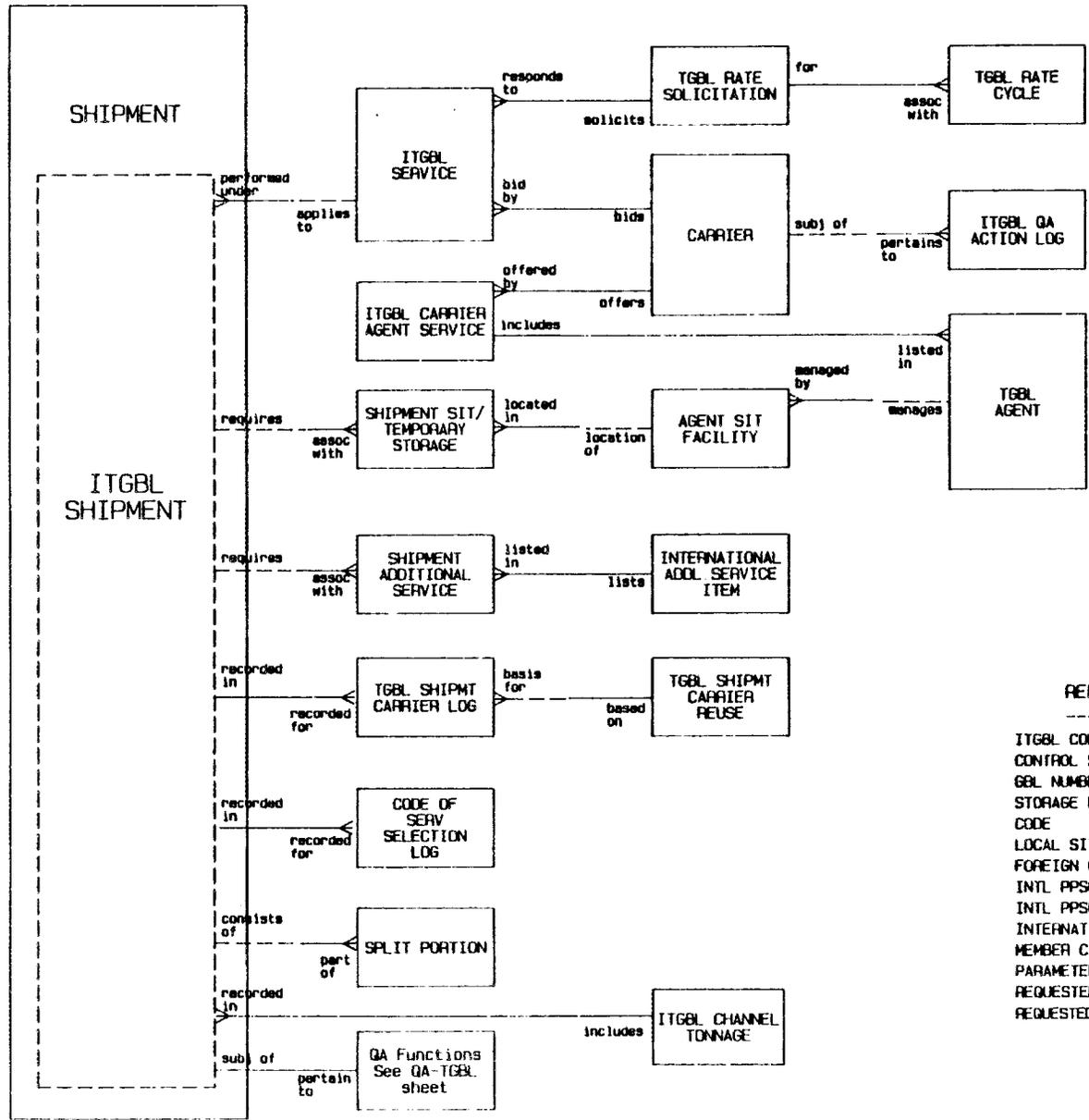
COUNSELING





REFERENCE TABLES

DTGBL SHIP LE 500 MI GIVEN PT
 DTGBL ADDL TRANS CHARGE
 CONTROL SEQUENCE NUMBER
 GBL NUMBER BLOCK
 STORAGE FACILITY
 CODE
 LOCAL SITE INFORMATION
 DOM PPSO CONTACT/INSTR
 MEMBER CARRIER PREFERENCE
 DOMESTIC MILEAGE
 DOMESTIC TRANSIT TIME
 PARAMETER
 REQUESTED ADDITIONAL SERVICE
 REQUESTED SERVICE CODE

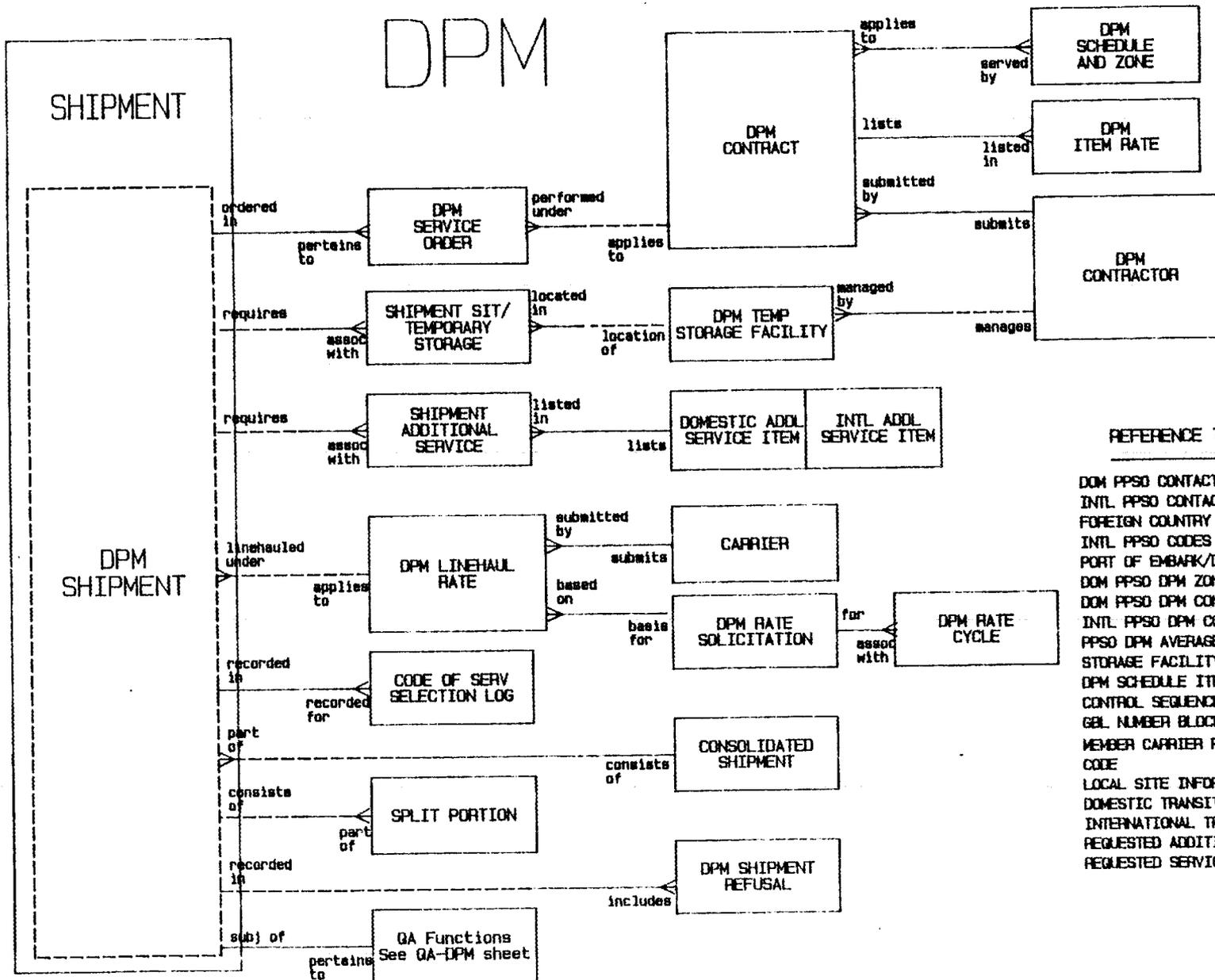


ITGBL

REFERENCE TABLES

- ITGBL CONUS LINEHAUL BASE RATE
- CONTROL SEQUENCE NUMBER
- GBL NUMBER BLOCK
- STORAGE FACILITY
- CODE
- LOCAL SITE INFORMATION
- FOREIGN COUNTRY INSTR
- INTL PPSO CONTACT/INSTR
- INTL PPSO CODES OF SERVICE
- INTERNATIONAL TRANSIT TIME
- MEMBER CARRIER PREFERENCE
- PARAMETER
- REQUESTED ADDITIONAL SERVICE
- REQUESTED SERVICE CODE

DPM



REFERENCE TABLES

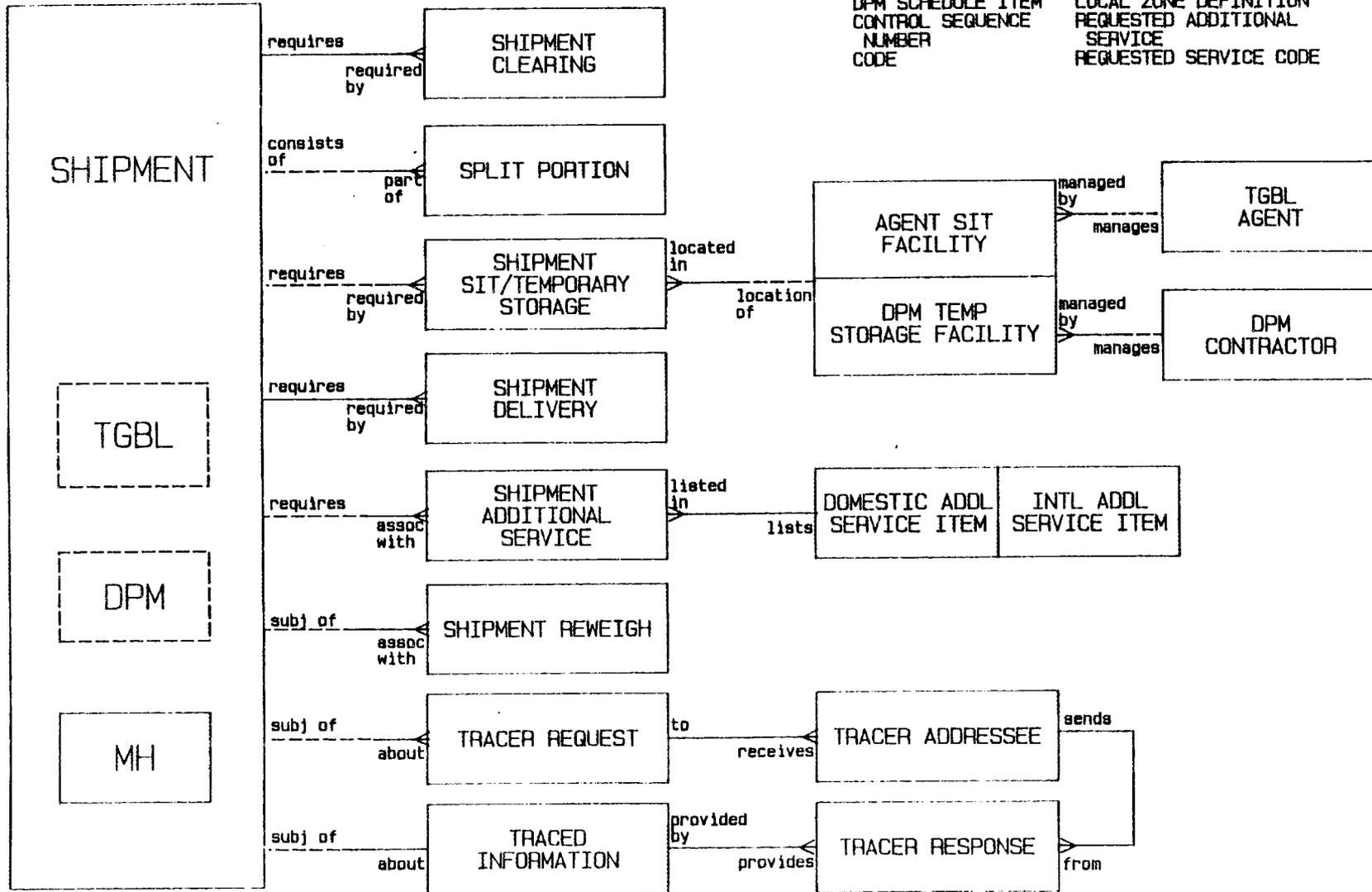
DOM PPSO CONTACT/INSTR
 INTL PPSO CONTACT/INSTR
 FOREIGN COUNTRY INSTR
 INTL PPSO CODES OF SERVICE
 PORT OF EMBARK/DEBARK
 DOM PPSO DPM ZONE
 DOM PPSO DPM CONSIGNMENT
 INTL PPSO DPM CONSIGNMENT
 PPSO DPM AVERAGE RATE
 STORAGE FACILITY
 DPM SCHEDULE ITEM
 CONTROL SEQUENCE NUMBER
 GEL NUMBER BLOCK
 MEMBER CARRIER PREFERENCE
 CODE
 LOCAL SITE INFORMATION
 DOMESTIC TRANSIT TIME
 INTERNATIONAL TRANSIT TIME
 REQUESTED ADDITIONAL SERVICE
 REQUESTED SERVICE CODE

INBOUND

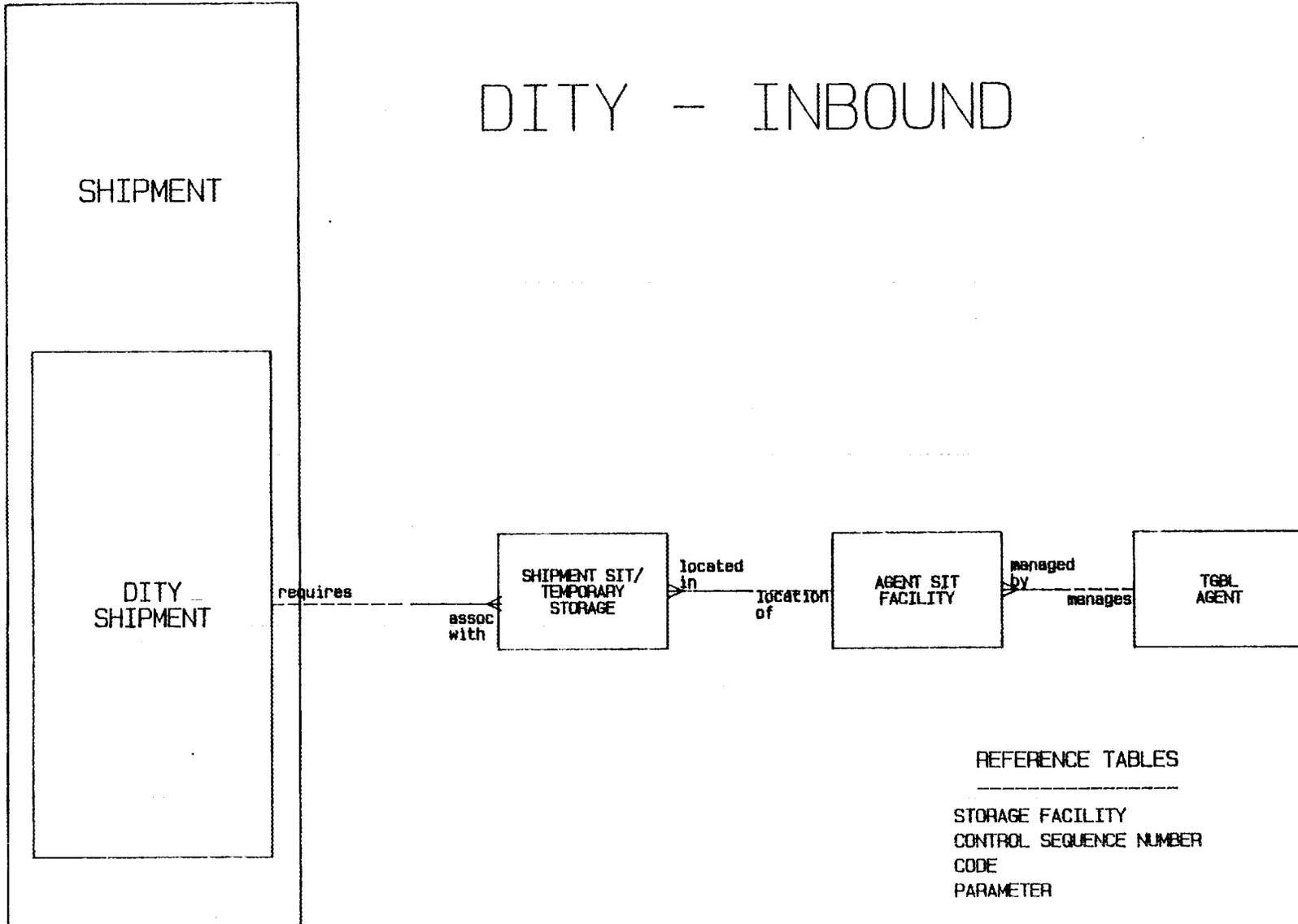
REFERENCE TABLES

STORAGE FACILITY
DPM SCHEDULE ITEM
CONTROL SEQUENCE
NUMBER
CODE

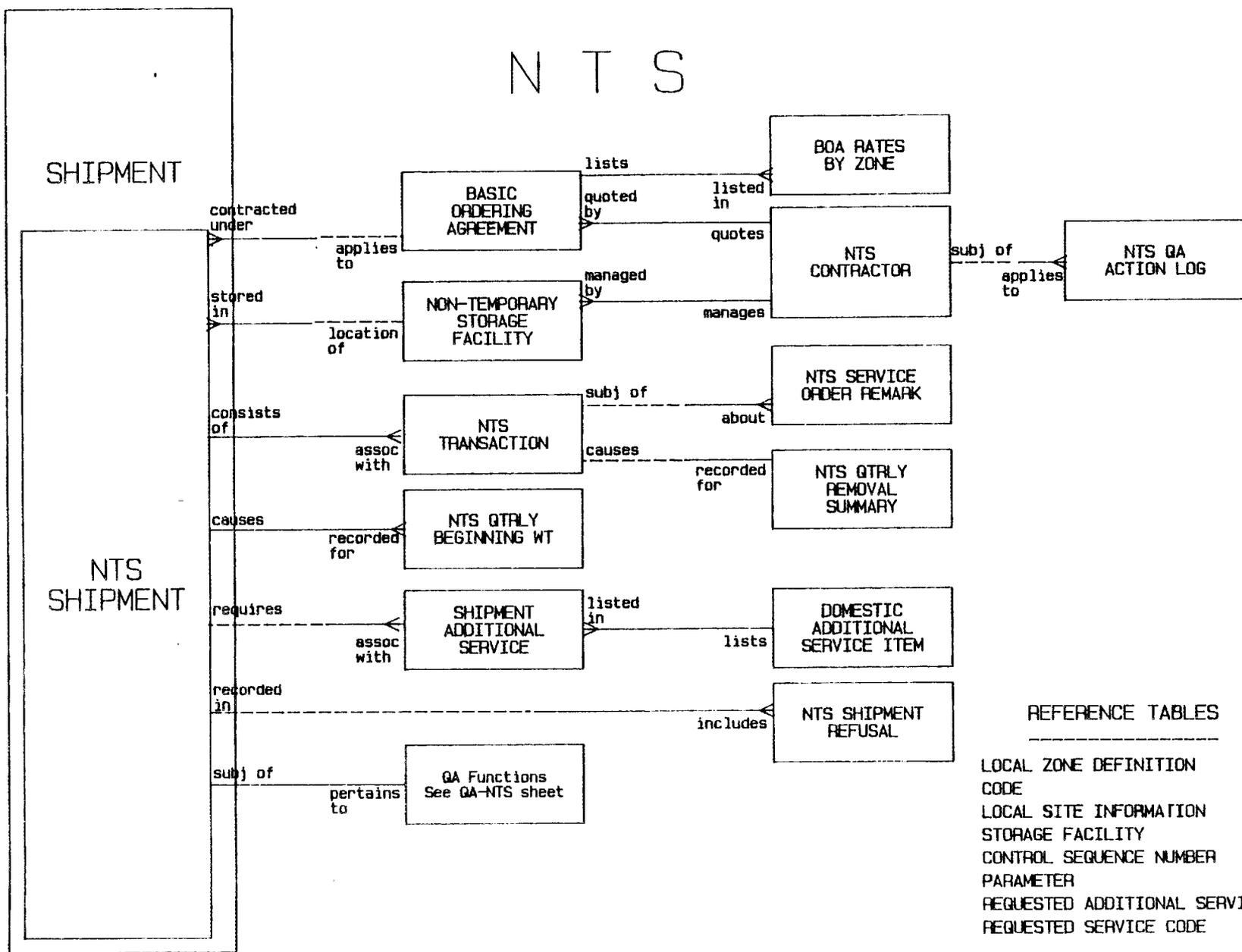
LOCAL SITE INFORMATION
LOCAL ZONE DEFINITION
REQUESTED ADDITIONAL
SERVICE
REQUESTED SERVICE CODE



DITY - INBOUND



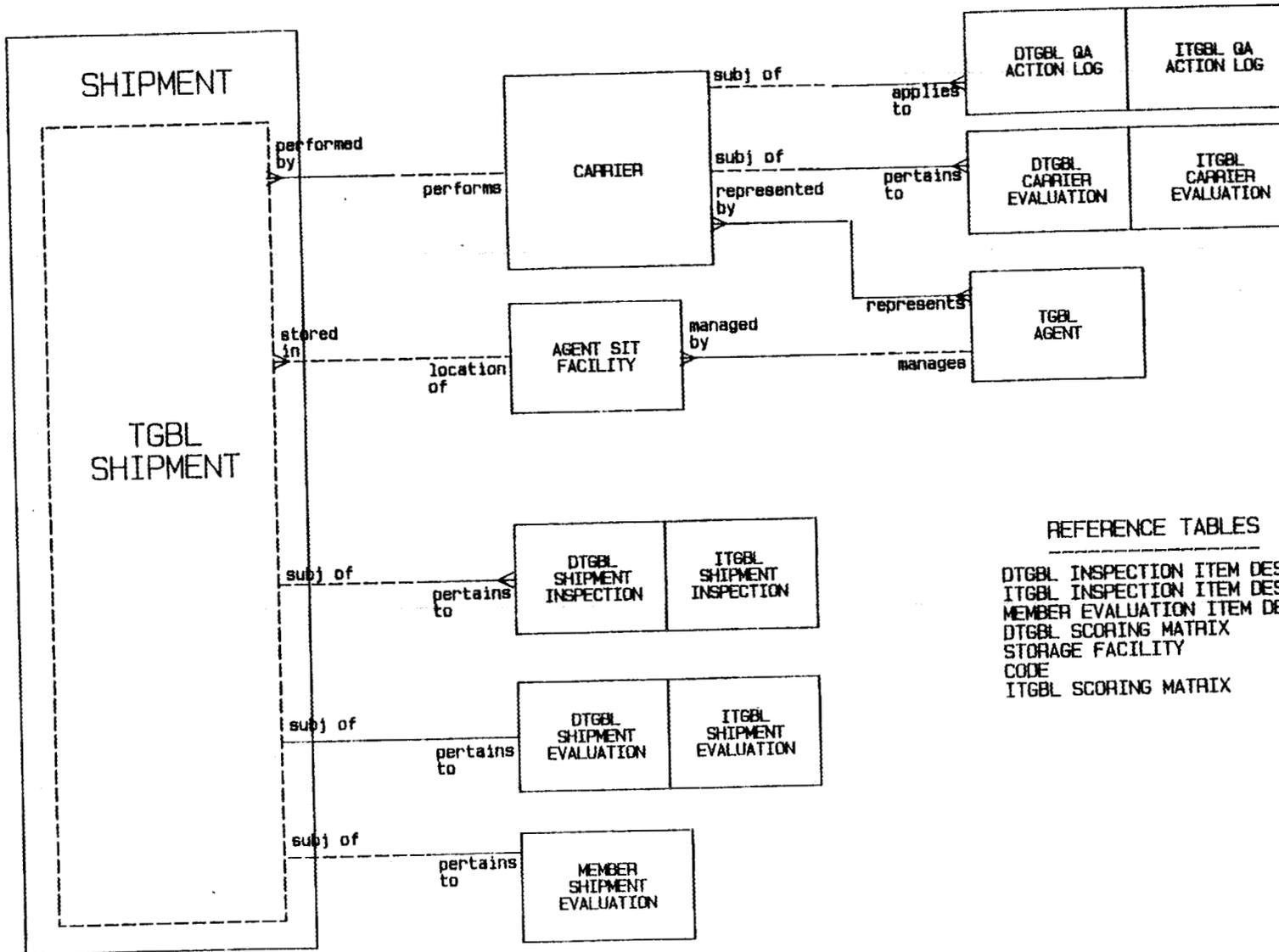
N T S



REFERENCE TABLES

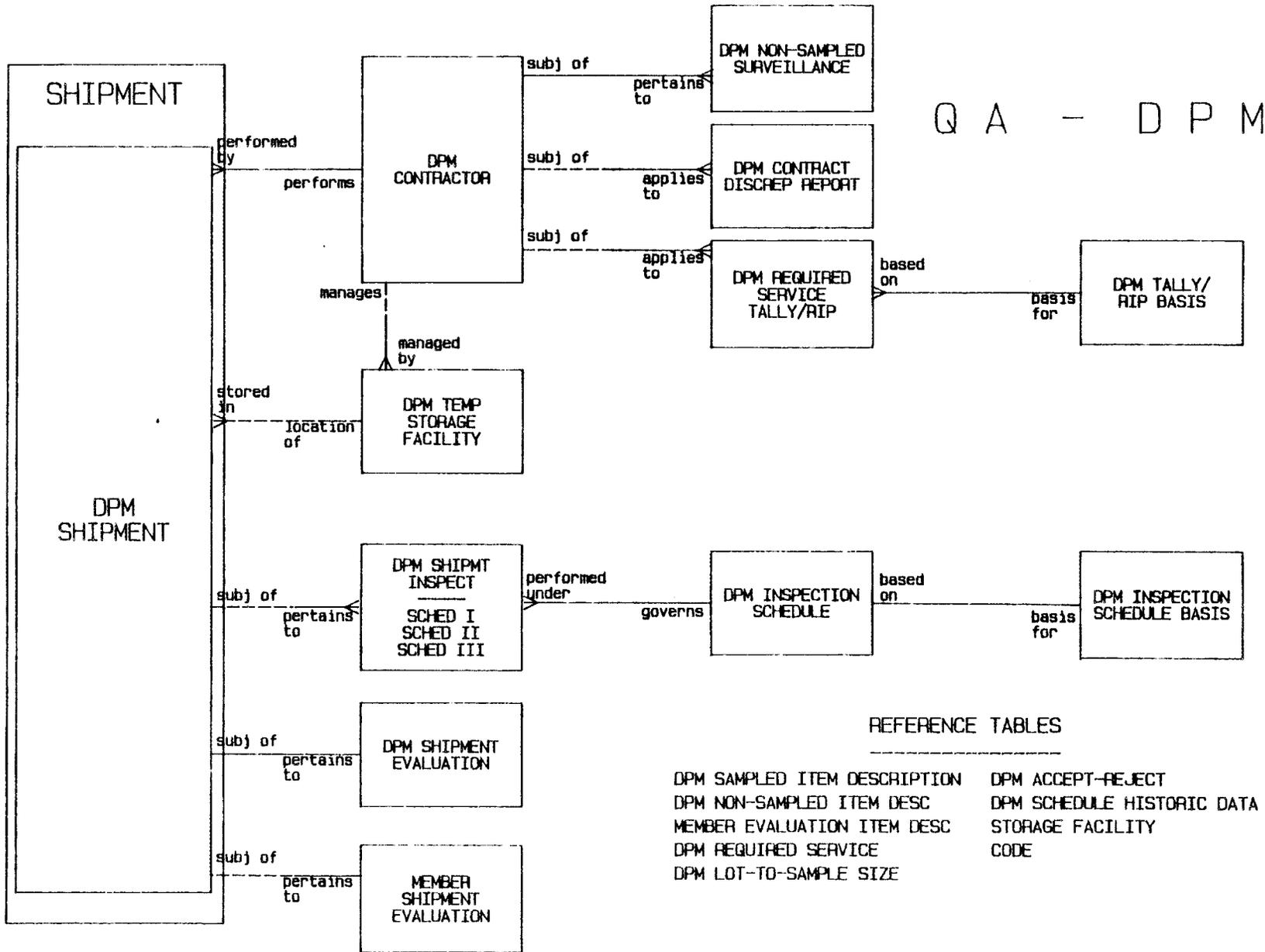
- LOCAL ZONE DEFINITION CODE
- LOCAL SITE INFORMATION
- STORAGE FACILITY
- CONTROL SEQUENCE NUMBER
- PARAMETER
- REQUESTED ADDITIONAL SERVICE
- REQUESTED SERVICE CODE

QA - TGBL

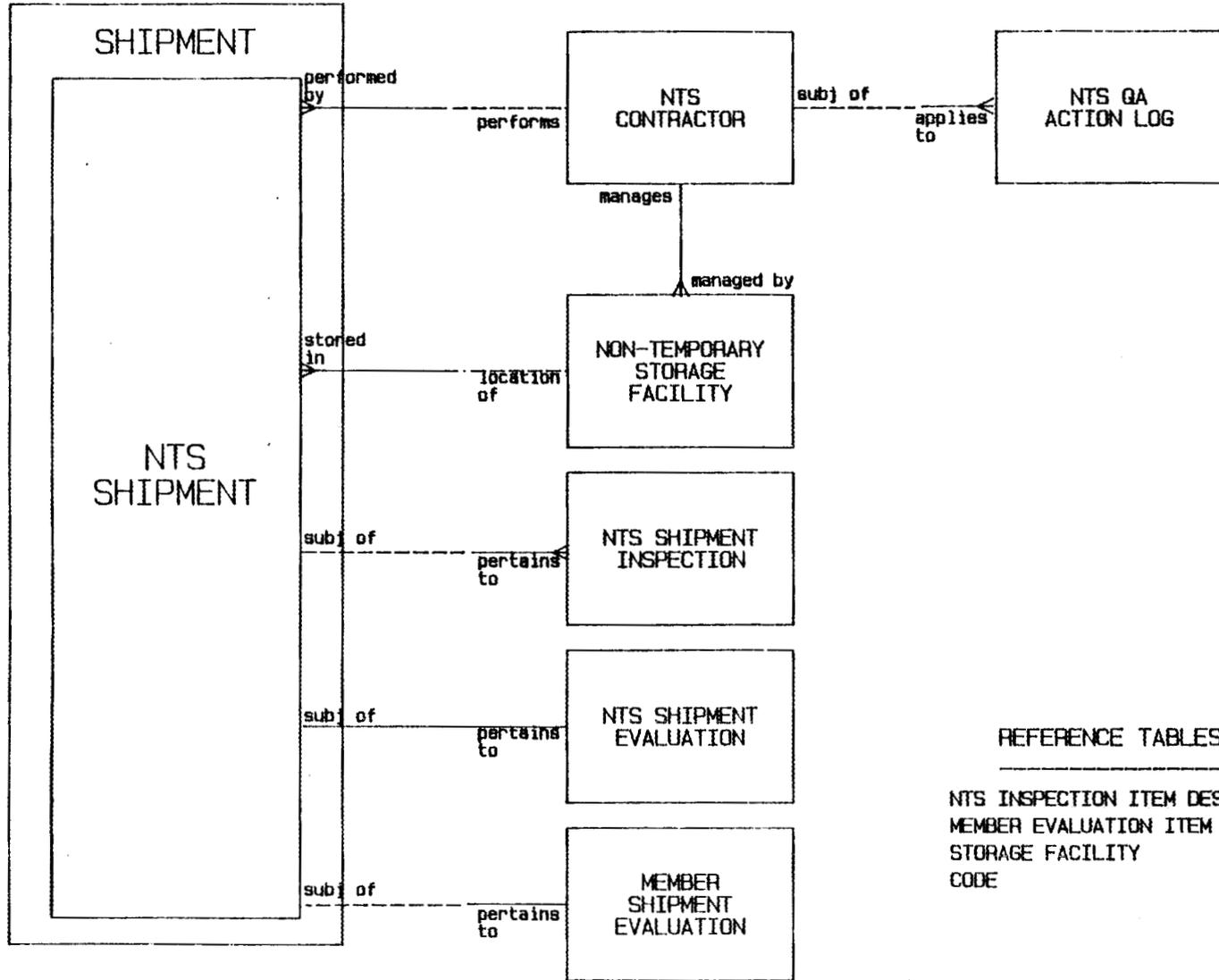


REFERENCE TABLES

DTGBL INSPECTION ITEM DESC
 ITGBL INSPECTION ITEM DESC
 MEMBER EVALUATION ITEM DESC
 DTGBL SCORING MATRIX
 STORAGE FACILITY
 CODE
 ITGBL SCORING MATRIX



QA - NTS



REFERENCE TABLES

NTS INSPECTION ITEM DESC
 MEMBER EVALUATION ITEM DESC
 STORAGE FACILITY
 CODE

APPENDIX B
TABLES IN THE TOPS DATA BASE

OUTBOUND MODULE TABLES (Continued)

DOM_PPSO_DPM_ZONE	B-25
DTGBL_SHIP_LE_500MI_GIVEN_PT	B-25
DOMESTIC_MILEAGE	B-26
DPM_LINEHAUL_RATE	B-26
DPM_RATE_SOLICITATION	B-26
DTGBL_LINEHAUL_BASE_RATE	B-27
DOMESTIC_TRANSIT_TIME	B-27
DTGBL_CARRIER_AGENT_SERVICE	B-28
DTGBL_ADDL_TRANSP_CHARGE	B-28
DTGBL_CARRIER_CURRENT_STATUS	B-29
DTGBL_INTERSTATE_SERVICE	B-29
DTGBL_INTRASTATE_ROUTE_TONNAGE	B-30
DTGBL_INTRASTATE_SERVICE	B-30
GBL_SEQUENCE	B-31
INTERNATIONAL_TRANSIT_TIME	B-31
INTERSTATE_INTERLINING_CARRIER	B-31
INTL_PPSO_CODES_OF_SERVICE	B-32
INTL_PPSO_DPM_CONSIGNMENT	B-32
INTRASTATE_INTERLINING_CARRIER	B-32
ITGBL_CARRIER_AGENT_SERVICE	B-33
ITGBL_CARRIER_CURRENT_STATUS	B-34
ITGBL_CHANNEL_TONNAGE	B-34
ITGBL_CONUS_LINEHAUL_BASE_RATE	B-34
ITGBL_SERVICE	B-35
MAC_MSC_PORT_RATE	B-36
ONE_TIME_ONLY_SERVICE	B-36
REQUESTED_SERVICE_CODE	B-37
RESPONSIBLE_DOM_PPSO	B-37
RESPONSIBLE_INTL_PPSO	B-38
SHIPMENT_CODE_COST_EST	B-38
TGBL_AGENT	B-38
TGBL_RATE_CYCLE	B-39
TGBL_RATE_SOLICITATION	B-39
TGBL_SHIPMT_CARRIER_LOG	B-40
TGBL_SHIPMT_CARRIER_REUSE	B-40
VOLUME_MOVE_SERVICE	B-41

INBOUND MODULE	B-42
--------------------------	------

Tables

AGENT_SIT_FACILITY	B-42
DOMESTIC_ADDL_SERVICE_ITEM	B-42
DPM_CONTRACT	B-43
DPM_CONTRACTOR	B-43
DPM_ITEM_RATE	B-44
DPM_SCHEDULE_AND_ZONE	B-44
DPM_SCHEDULE_ITEM	B-44
DPM_SERVICE_ORDER	B-45
DPM_SHIPMENT_REFUSAL	B-45
DPM_TEMP_STORAGE_FACILITY	B-46

APPENDIX B CONTENTS

COUNSELING MODULE	B-1
-----------------------------	-----

Tables

APPOINTMENT	B-1
COUNSELING_SESSION_STATUS	B-1
COUNSELOR_AVAILABILITY	B-2
DOM_PPSO_CONTACT_INSTR	B-2
FOREIGN_COUNTRY_INSTR	B-3
INTL_PPSO_CONTACT_INSTR	B-3
JTR_WEIGHT_ALLOWANCE	B-4
MEMBER_CARRIER_PREFERENCE	B-5
MEMBER_ORDERS	B-5
MOBILE_HOME_SHIPMENT	B-7
OFFICE_CLOSED_DATE	B-8
OFFICE_HOURS	B-8
PORT_OF_EMBARK_DEBARK	B-8
POV_PORT_OF_EMBARK_DEBARK	B-9
PRIOR_SHIPMENT	B-9
RANK_TO_PAY_GRADE	B-10
REQUESTED_ADDITIONAL_SERVICE	B-10
SHIPMENT	B-10
SHIPMENT_ADDITIONAL_SERVICE	B-15
SPOUSE_IN_SERVICE	B-15
UB_WEIGHT_ALLOWANCE	B-16

REFERENCE MODULE	B-18
----------------------------	------

Tables

CODE	B-18
CODE_TYPE	B-18
CONTROL_SEQUENCE_NUMBER	B-19
GBL_NUMBER_BLOCK	B-19
LOCAL_SITE_INFORMATION	B-20
LOCAL_ZONE_DEFINITION	B-20
PPSO_DPM_AVERAGE_RATE	B-20
RATE_AREA_TO_GBLOC	B-21
STORAGE_FACILITY	B-21
VOID_GBL_NUMBER	B-21

OUTBOUND MODULE	B-22
---------------------------	------

Tables

CARRIER	B-22
CARRIER_INCLUDED_STATE_INTRA	B-23
CARRIER_EXCEPTION_STATE_INTER	B-23
CODE_OF_SERV_SELECTION_LOG	B-23
CONSOLIDATED_SHIPMENT	B-24
DOM_PPSO_DPM_CONSIGNMENT	B-24

INBOUND MODULE TABLES (Continued)

INTL_ADDL_SERVICE_ITEM	B-46
SHIPMENT_CLEARING	B-47
SHIPMENT_DELIVERY	B-47
SHIPMENT_REWEIGH	B-48
SHIPMENT_SIT_TEMPORARY_STORAGE	B-49
SPLIT_PORTION	B-49
TRACER_REQUEST	B-50
TRACER_ADDRESSEE	B-50
TRACER_RESPONSE	B-51
TRACED_SHIPMENT_INFORMATION	B-51

NTS MODULE	B-52
----------------------	------

Tables

BASIC_ORDERING_AGREEMENT	B-52
BOA_RATES_BY_ZONE	B-52
NON_TEMPORARY_STORAGE_FACILITY	B-53
NTS_CONTRACTOR	B-53
NTS_QTRLY_BEGINNING_WT	B-54
NTS_QTRLY_REMOVAL_SUMMARY	B-54
NTS_SHIPMENT	B-55
NTS_SHIPMENT_REFUSAL	B-56
NTS_TRANSACTION	B-56
NTS_SERV_ORD_REMARK	B-57

QA	B-58
--------------	------

Tables

DPM_ACCEPT_REJECT	B-58
DPM_CONTRACT_DISCREP_REPORT	B-58
DPM_INSPECTION_SCHEDULE_BASIS	B-59
DPM_INSPECTION_SCHEDULE	B-59
DPM_LOT_TO_SAMPLE_SIZE	B-60
DPM_NON_SAMPLED_ITEM_DESC	B-60
DPM_NON_SAMPLED_SURVEILLANCE	B-60
DPM_REQUIRED_SERVICE	B-61
DPM_REQUIRED_SERVICE_TALLY_RIP	B-61
DPM_SAMPLED_ITEM_DESCRIPTION	B-62
DPM_SCHEDULE_HISTORIC_DATA	B-62
DPM_SHIPMENT_EVALUATION	B-62
DPM_SHIPMT_INSPECT_SCHED_III	B-63
DPM_SHIPMT_INSPECT_SCHED_II	B-63
DPM_SHIPMT_INSPECT_SCHED_I	B-64
DPM_TALLY_RIP_BASIS	B-65
DTGBL_QA_ACTION_LOG	B-66
DTGBL_CARRIER_EVALUATION	B-66
DTGBL_INSPECTION_ITEM_DESC	B-67
DTGBL_SCORING_MATRIX	B-67

QA MODULE TABLES (Continued)

DTGBL_SHIPMENT_EVALUATION	B-67
DTGBL_SHIPMENT_INSPECTION	B-68
ITGBL_INSPECTION_ITEM_DESC	B-68
ITGBL_SCORING_MATRIX	B-69
ITGBL_SHIPMENT_INSPECTION	B-69
ITGBL_SHIPMENT_EVALUATION	B-70
ITGBL_QA_ACTION_LOG	B-71
MEMBER_EVALUATION_ITEM_DESC	B-71
MEMBER_SHIPMENT_EVALUATION	B-72
NTS_SHIPMENT_INSPECTION	B-72
NTS_SHIPMENT_EVALUATION	B-73
NTS_QA_ACTION_LOG	B-74
NTS_INSPECTION_ITEM_DESC	B-74
ITGBL_CARRIER_EVALUATION	B-75
ITGBL_LOSS_DAMAGE_POINTS	B-75

MODULE_NAME

COUNSELING

TABLE_NAME

APPOINTMENT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	COUNSELING_DATE	DATE	7	NOT NULL
2	COUNSELING_TIME	CHAR	4	NOT NULL
3	COUNSELOR_INITIALS	CHAR	3	NOT NULL
4	APPOINTMENT_LENGTH	NUMBER	1	NULL
5	SCHEDULER_INITIALS	CHAR	3	NULL
6	WALK_IN	CHAR	1	NULL
7	APPOINTMENT_KEPT	CHAR	1	NULL
8	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NULL
9	EXPECTED_KINDS_OF_SHIPMENTS	CHAR	13	NULL
10	LOCAL_ACCESSED_DATE	DATE	7	NULL
11	CENTRAL_ACCESSED_DATE	DATE	7	NULL

TABLE_NAME

COUNSELING_SESSION_STATUS

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	COUNSELING_DATE	DATE	7	NOT NULL
2	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
3	ORDERS_NUMBER	CHAR	10	NOT NULL
4	COUNSELOR_INITIALS	CHAR	3	NULL
5	FORM_DD1797_STATUS	CHAR	19	NULL
6	COUNSELING_SESSION_COMPLETE	CHAR	1	NULL
7	ACT_REQ_TO_COMPL_TRANSACTION	CHAR	100	NULL

TABLE_NAME

COUNSELOR_AVAILABILITY

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	COUNSELOR_INITIALS	CHAR	3	NOT NULL
2	COUNSELOR_LAST_NAME	CHAR	17	NOT NULL
3	COUNSELOR_FIRST_NAME_AND_INIT	CHAR	15	NULL
4	COUNSELOR_START_TIME	CHAR	4	NULL
5	COUNSELOR_END_TIME	CHAR	4	NULL
6	START_LUNCH_TIME	CHAR	4	NULL
7	END_LUNCH_TIME	CHAR	4	NULL
8	COUNSELOR_BREAK_1_TIME	CHAR	4	NULL
9	COUNSELOR_BREAK_2_TIME	CHAR	4	NULL
10	COUNSELOR_NON_WORK_DAY	CHAR	3	NULL

TABLE_NAME-----
DOM_PPSO_CONTACT_INSTR

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	INSTALLATION_GBLOC	CHAR	4	NOT NULL
2	INSTALLATION_NAME	CHAR	36	NULL
3	INSTALLATION_ADDRESSEE_TITLE	CHAR	27	NULL
4	INSTALLATION_ORGANIZATION_COMM	CHAR	36	NULL
5	INSTALLATION_OFFICE_SYMBOL	CHAR	10	NULL
6	INSTALLATION_STREET_ADDRESS	CHAR	49	NULL
7	INSTALLATION_CITY	CHAR	25	NULL
8	INSTALLATION_STATE	CHAR	2	NULL
9	INSTALLATION_ZIP_CODE	CHAR	10	NULL
10	INSTALLATION_DODAAC	CHAR	6	NULL
11	INSTALLATION_TWX_ADDRESS	CHAR	40	NULL
12	INSTALLATION_TELEX	CHAR	17	NULL
13	COMM_PHONE_AREA_CODE_PREFIX	CHAR	7	NULL
14	AUTOVON_TELEPHONE_PREFIX	CHAR	3	NULL
15	PPSO_TELEPHONE_SUFFIX	CHAR	4	NULL
16	INBOUND_TELEPHONE_SUFFIX	CHAR	4	NULL
17	OUTBOUND_TELEPHONE_SUFFIX	CHAR	4	NULL
18	NTS_TELEPHONE_SUFFIX	CHAR	4	NULL

TABLE_NAME

DOM_PPSO_CONTACT_INSTR (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
19	QA_TELEPHONE_SUFFIX	CHAR	4	NULL
20	DPM_SPECIAL_INSTRUCTION	CHAR	150	NULL
21	TRAINING_SCHOOL_SPECIAL_INSTR	CHAR	150	NULL
22	BAGGAGE_SPECIAL_INSTRUCTION	CHAR	150	NULL
23	NTS_SPECIAL_INSTRUCTION	CHAR	150	NULL
24	COUNTY_SPECIAL_INSTRUCTION	CHAR	150	NULL

TABLE_NAME

FOREIGN_COUNTRY_INSTR

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	COUNTRY_NAME	CHAR	20	NOT NULL
2	CUSTOMS_INFORMATION	CHAR	150	NULL
3	PRIVATELY_OWNED_VEHICLE_INFO	CHAR	150	NULL
4	PRIVATELY_OWNED_FIREARMS_INFO	CHAR	150	NULL
5	PETS_INFORMATION	CHAR	150	NULL
6	QUARANTINE_INFORMATION	CHAR	150	NULL
7	IMPORTATION_RESTRICTIONS	CHAR	150	NULL

TABLE_NAME

INTL_PPSO_CONTACT_INSTR

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	INSTALLATION_GBLOC	CHAR	4	NOT NULL
2	INSTALLATION_NAME	CHAR	36	NULL
3	INSTALLATION_ADDRESSEE_TITLE	CHAR	27	NULL
4	INSTALLATION_ORGANIZATION_COMM	CHAR	36	NULL
5	INSTALLATION_OFFICE_SYMBOL	CHAR	10	NULL

TABLE_NAME

INTL_PPSO_CONTACT_INSTR (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
6	INSTALLATION_CITY	CHAR	25	NULL
7	INSTALLATION_COUNTRY	CHAR	20	NULL
8	INSTALLATION_ZIP_APO_FPO	CHAR	17	NULL
9	INSTALLATION_DODAAC	CHAR	6	NULL
10	INSTALLATION_TWX_ADDRESS	CHAR	40	NULL
11	INSTALLATION_TELEX	CHAR	17	NULL
12	COMMERCIAL_TELEPHONE_PREFIX	CHAR	3	NULL
13	AUTOVON_TELEPHONE_PREFIX	CHAR	3	NULL
14	PPSO_TELEPHONE_SUFFIX	CHAR	4	NULL
15	INBOUND_TELEPHONE_SUFFIX	CHAR	4	NULL
16	OUTBOUND_TELEPHONE_SUFFIX	CHAR	4	NULL
17	QA_TELEPHONE_SUFFIX	CHAR	4	NULL
18	ADMIN_WT_RESTRICTED_AREA_INFO	CHAR	150	NULL
19	SURFACE_UNACCOM_BAGGAGE_INSTR	CHAR	150	NULL
20	DPM_SPECIAL_INSTRUCTION	CHAR	150	NULL
21	STORAGE_INFORMATION	CHAR	150	NULL

TABLE_NAME-----
JTR_WEIGHT_ALLOWANCE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	PAY_GRADE	CHAR	4	NOT NULL
2	TYPE_OF_ORDERS	CHAR	3	NOT NULL
3	DEPENDENT_TRAVEL_AUTHORIZED	CHAR	1	NOT NULL
4	WEIGHT_ALLOWANCE	NUMBER	5	NULL

TABLE_NAME

MEMBER_CARRIER_PREFERENCE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	CARRIER_CONTRACTOR_CODE	CHAR	5	NOT NULL
5	PREFERRED_REFUSED_INDICATOR	CHAR	1	NOT NULL

TABLE_NAME

MEMBER_ORDERS

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	ORDERS_DATE	DATE	7	NULL
4	ORDERS_PARAGRAPH_NUMBER	CHAR	3	NULL
5	MEMBER_LAST_NAME	CHAR	17	NULL
6	MEMBER_FIRST_NAME	CHAR	15	NULL
7	MEMBER_MIDDLE_NAME_OR_INITIAL	CHAR	15	NULL
8	MEMBER_BRANCH_OF_SERVICE	CHAR	1	NULL
9	MEMBER_PAY_GRADE	CHAR	4	NULL
10	MEMBER_RANK	CHAR	5	NULL
11	MEMBER_NAVY_RANK_RATE_CODE	CHAR	4	NULL
12	MEMBER_OVER_2_YEARS_SERVICE	CHAR	1	NULL
13	NUMBER_OF_DEPENDENTS_UNDER_12	NUMBER	2	NULL
14	NUMBER_OF_DEPN_12_AND_OVER	NUMBER	2	NULL
15	TYPE_OF_ORDERS	CHAR	3	NULL
16	TOUR_OVERSEAS	CHAR	1	NULL
17	DEPENDENT_TRAVEL_AUTHORIZED	CHAR	1	NULL
18	DEPENDENT_TRAVEL_DELAYED	CHAR	1	NULL
19	DEPENDENT_TRAVEL_CONCURRENT	CHAR	1	NULL
20	APPROXIMATE_REPORTING_DATE	DATE	7	NULL
21	MEMBER_MOVING_TO_GOV'T_HOUSING	CHAR	1	NULL
22	ORDERS_ISSUING_HEADQUARTERS	CHAR	36	NULL
23	CURRENT_DUTY_STATION	CHAR	36	NULL

TABLE_NAME

MEMBER_ORDERS (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
24	NEW_DUTY_STATION	CHAR	36	NULL
25	UNIT_LOSING_MEMBER	CHAR	36	NULL
26	UNIT_GAINING_MEMBER	CHAR	36	NULL
27	MBR_ORIGIN_DUTY_PHONE_NUMBER	CHAR	12	NULL
28	MBR_ORIGIN_HOME_PHONE_NUMBER	CHAR	12	NULL
29	MBR_ORIGIN_CONTACT_STREET	CHAR	49	NULL
30	MBR_ORIGIN_CONTACT_CITY	CHAR	25	NULL
31	MBR_ORIGIN_CONTACT_STATE	CHAR	2	NULL
32	MBR_ORIGIN_CONTACT_ZIP_APO_FPO	CHAR	17	NULL
52	NAVY_NMF_CODE	CHAR	4	NULL
33	MBR_DEST_DUTY_PHONE_NUMBER	CHAR	12	NULL
34	MBR_DEST_CONTACT_PHONE_NUMBER	CHAR	12	NULL
35	DESTINATION_SPONSOR_NAME	CHAR	30	NULL
36	DESTINATION_SPONSOR_PHONE	CHAR	12	NULL
37	MBR_DEST_CONTACT_STREET	CHAR	49	NULL
38	MBR_DEST_CONTACT_CITY	CHAR	25	NULL
39	MBR_DEST_CONTACT_STATE	CHAR	2	NULL
40	MBR_DEST_CONTACT_ZIP_APO_FPO	CHAR	17	NULL
41	MBR_DEST_CONTACT_COUNTRY	CHAR	20	NULL
42	MBR_INTRANSIT_CONTACT_PHONE	CHAR	12	NULL
43	MBR_INTRANSIT_CONTACT_STREET	CHAR	49	NULL
44	MBR_INTRANSIT_CONTACT_CITY	CHAR	25	NULL
45	MBR_INTRANSIT_CONTACT_STATE	CHAR	2	NULL
46	MBR_INTRANSIT_ZIP_APO_FPO	CHAR	17	NULL
47	MBR_INTRANSIT_CONTACT_COUNTRY	CHAR	20	NULL
48	MBR_INTRANSIT_CARE_OF_NAME	CHAR	30	NULL
49	ACCOUNTING_CLASSIFICATION	CHAR	55	NULL
50	MOVEMENT_DESIGNATOR_CODE	CHAR	4	NULL
51	TRANSPORTATION_ACCOUNT_CODE	CHAR	4	NULL
53	MEMBER_FISCAL_YEAR_OF_DETACH	NUMBER	1	NULL
54	RETIREMENT_SEPARATION_DATE	DATE	7	NULL
55	MEMBER_IN_PAY_STATUS_AT_DEST	CHAR	1	NULL
56	FULL_JTR_TABULAR_WEIGHT_PCS	NUMBER	5	NULL
57	FULL_JTR_TABULAR_WEIGHT_TDY	NUMBER	5	NULL
58	MEMBER_UB_TABULAR_WEIGHT	NUMBER	4	NULL
59	DEPENDENT_UB_TABULAR_WEIGHT	NUMBER	4	NULL
60	ADMIN_RESTRICTED_WEIGHT	NUMBER	5	NULL
61	ADMIN_WEIGHT_ADJUSTMENT	NUMBER	5	NULL
62	UB_WEIGHT_ADJUSTMENT	NUMBER	4	NULL
63	PCS_WITH_TDY_INDICATOR	CHAR	1	NULL
64	MBR_CHOOSSES_UB_SURFACE_ALTERN	CHAR	1	NULL
65	JOINT_MOVE_SPOUSE_IN_SERVICE	CHAR	1	NULL
66	COMBINED_MOVE_SPOUSE_IN_SERV	CHAR	1	NULL

TABLE_NAME

MEMBER_ORDERS (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
67	SPONSORED_DEPENDENT_MOVE	CHAR	1	NULL
68	SPONSORED_DEPENDENT_LAST_NAME	CHAR	17	NULL
69	SPONSORED_DEPENDENT_FIRST_NAME	CHAR	15	NULL
70	SPONSORED_DEPN_MID_NAM_OR_INIT	CHAR	15	NULL
71	SPONSORING_MBR_ORDERS_NUMBER	CHAR	10	NULL
72	SPONSORING_MEMBER_ORDERS_DATE	DATE	7	NULL
73	ACCOMPANIED_TOUR_OVERSEAS	CHAR	1	NULL
74	CHARGE_WT_TO_SPON_MBR_ORDERS	CHAR	1	NULL
75	DEPLOYMENT_MOVE	CHAR	1	NULL
76	ORDERS_AMENDED	CHAR	1	NULL

TABLE_NAME

MOBILE_HOME_SHIPMENT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	MOBILE_HOME_MAKE	CHAR	20	NULL
5	MOBILE_HOME_MODEL	CHAR	15	NULL
6	MOBILE_HOME_YEAR	NUMBER	2	NULL
7	MOBILE_HOME_SERIAL_NUMBER	CHAR	20	NULL
8	MH_SECOND_SERIAL_NUMBER	CHAR	20	NULL
9	MH_THIRD_SERIAL_NUMBER	CHAR	20	NULL
10	MOBILE_HOME_HEIGHT	NUMBER	4	NULL
11	MOBILE_HOME_LENGTH	NUMBER	4	NULL
12	MOBILE_HOME_WIDTH	NUMBER	4	NULL
13	MH_HHG_PACKING	CHAR	1	NULL
14	MH_UNBLOCKING	CHAR	1	NULL
15	MH_REBLOCKING	CHAR	1	NULL
16	MOBILE_HOME_TYPE	CHAR	1	NULL
17	MH_STORAGE_AT_ORIGIN	CHAR	1	NULL
18	MH_STORAGE_AT_DESTINATION	CHAR	1	NULL
19	IS_MOBILE_HOME_EXPANDABLE	CHAR	1	NULL
20	MOBILE_HOME_EXPANDO_DESC	CHAR	40	NULL

TABLE_NAME

OFFICE_CLOSED_DATE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	SPECIAL_CLOSED_DATE	DATE	7	NOT NULL
2	FEDERAL_HOLIDAY	CHAR	1	NOT NULL

TABLE_NAME

OFFICE_HOURS

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	WORK_DAY_NAME	CHAR	3	NOT NULL
2	EARLIEST_APPOINTMENT_START	CHAR	4	NULL
3	LATEST_APPOINTMENT_END	CHAR	4	NULL

TABLE_NAME

PORT_OF_EMBARK_DEBARK

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_SOL_NUMBER_AND_MOD	CHAR	7	NOT NULL
2	DESTINATION_GBLOC	CHAR	4	NOT NULL
3	AIRPORT_OF_EMBARKATION_GBLOC	CHAR	4	NULL
4	AIRPORT_OF_DEBARKATION_GBLOC	CHAR	4	NULL
5	WATER_POE_GBLOC_FOR_HHG	CHAR	4	NULL
6	WATER_POD_GBLOC_FOR_HHG	CHAR	4	NULL

TABLE_NAME

POV_PORT_OF_EMBARK_DEBARK

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DESTINATION_GBLOC	CHAR	4	NOT NULL
2	POV_PORT_EMBARKATION_GBLOC	CHAR	4	NULL
3	POV_PORT_DEBARKATION_GBLOC	CHAR	4	NULL

TABLE_NAME

PRIOR_SHIPMENT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	PRIOR_SHIPMENT_METHOD	CHAR	6	NULL
5	PRIOR_SHIPMENT_ORIGIN	CHAR	36	NULL
6	PRIOR_SHIPMENT_DESTINATION	CHAR	36	NULL
7	PRIOR_SHIPMENT_PRO_GEAR_WEIGHT	NUMBER	5	NULL
8	PRIOR_SHIP_CHARGEABLE_EST_WT	NUMBER	5	NULL
9	PRIOR_SHIP_CHARGEABLE_ACT_WT	NUMBER	5	NULL
10	SPOUSE_IN_SERVICE_SSN	CHAR	11	NULL
11	SPOUSE_ORDERS_NUMBER	CHAR	10	NULL
12	SPONSORING_MBR_ORDERS_NUMBER	CHAR	10	NULL
13	CHARGE_WT_TO_SPON_MBR_ORDERS	CHAR	1	NULL

TABLE_NAME

RANK_TO_PAY_GRADE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RANK	CHAR	5	NOT NULL
2	BRANCH_OF_SERVICE	CHAR	1	NOT NULL
3	PAY_GRADE	CHAR	4	NOT NULL

TABLE_NAME

REQUESTED_ADDITIONAL_SERVICE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	SERVICE_CODE	CHAR	15	NOT NULL
5	SERVICE_LOCATION	CHAR	2	NOT NULL
6	NUMBER_OF_UNITS	NUMBER	2	NULL
7	AUTHORIZED_FOR_GOV_T_PAYMENT	CHAR	1	NULL

TABLE_NAME

SHIPMENT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	TYPE_OF_SHIPMENT	CHAR	3	NULL
5	METHOD_OF_SHIPMENT	CHAR	6	NULL

TABLE_NAME

SHIPMENT (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
6	SHIPMENT_OUT_OF_NTS	CHAR	1	NULL
7	SHIPMENT_STATUS_CODE	CHAR	2	NULL
8	SHIPMENT_STATUS_DATE	DATE	7	NULL
9	SHIPMT_ACCOUNT_CLASSIFICATION	CHAR	55	NULL
10	SPECIAL_SHIPMENT_CIRCUMSTANCE	CHAR	4	NULL
11	SHIPMENT_CONTAINS_FIREARMS	CHAR	1	NULL
12	POWER_OF_ATTORNEY_NAME	CHAR	30	NULL
13	POWER_OF_ATTORNEY_RELATIONSHIP	CHAR	14	NULL
14	BLUEBARK_MIA_AUTH_SIGNER_NAME	CHAR	30	NULL
15	BLUEBARK_MIA_AUTH_SIGNER_TITLE	CHAR	27	NULL
16	ESTIMATED_WEIGHT	NUMBER	5	NULL
17	ESTIMATED_PRO_GEAR_WEIGHT	NUMBER	5	NULL
18	ORIGIN_GROSS_WEIGHT	NUMBER	5	NULL
19	ORIGIN_NET_WEIGHT	NUMBER	5	NULL
20	ORIGIN_WEIGHT_WITNESSED	CHAR	1	NULL
21	SHIPMENT_CUBE	NUMBER	6	NULL
22	NUMBER_OF_PIECES_IN_SHIPMENT	NUMBER	2	NULL
23	PARTIAL_DELIVERY_REQUESTED	CHAR	1	NULL
24	MBR_WILLING_TO_PAY_C_C_PREFER	CHAR	1	NULL
25	EXPORT_SHIPMENT_INFO_TO_DEST	CHAR	1	NULL
26	SIT_TEMP_STG_AUTH_AT_ORIGIN	CHAR	1	NULL
27	SIT_TEMP_STG_AUTH_AT_DEST	CHAR	1	NULL
28	DAYS_SIT_TEMP_STG_AUTHORIZED	NUMBER	3	NULL
29	DTCBL_ORIGIN_ZONE	CHAR	2	NULL
30	ORIGIN_GBLOC	CHAR	4	NULL
31	DESTINATION_GBLOC	CHAR	4	NULL
32	AUTHORIZED_ORIGIN_COUNTY	CHAR	22	NULL
33	AUTHORIZED_ORIGIN_STATE	CHAR	2	NULL
34	AUTHORIZED_ORIGIN_COUNTRY	CHAR	20	NULL
35	AUTHORIZED_DESTINATION_COUNTY	CHAR	22	NULL
36	AUTHORIZED_DESTINATION_STATE	CHAR	2	NULL
37	AUTHORIZED_DESTINATION_COUNTRY	CHAR	20	NULL
38	DD1299_PREPARING_INSTALLATION	CHAR	36	NULL
39	DD1299_DATE_PREPARED	DATE	7	NULL
40	DD1299_MAILED_IN	CHAR	1	NULL
41	DD1299_BLOCK13_REMARKS	CHAR	80	NULL
42	DD1299_REASON_NO_SIGNATURE	CHAR	40	NULL
43	NAME_OF_CERTIFYING_OFFICER	CHAR	30	NULL
44	TITLE_OF_CERTIFYING_OFFICER	CHAR	27	NULL
45	EXCESS_COSTS_EXIST	CHAR	1	NULL
46	EXCESS_COST_ESTIMATE	NUMBER	7	NULL
47	REQUESTED_DISTANCE	NUMBER	4	NULL
48	AUTHORIZED_DISTANCE	NUMBER	4	NULL

TABLE_NAME

SHIPMENT (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
49	CODE_OF_SERVICE_FOR_EXCESS_EST	CHAR	2	NULL
50	EXCESS_COST_TO_PRECOLLECT	NUMBER	7	NULL
51	EXCESS_COST_PRECOLLECTED	NUMBER	7	NULL
52	MEMBER_REQUESTED_PACK_DATE	DATE	7	NULL
53	MEMBER_REQUESTED_PACK_DATE_2	DATE	7	NULL
54	MEMBER_REQUESTED_PACK_DATE_3	DATE	7	NULL
55	MBR_REQUESTED_PICKUP_DATE	DATE	7	NULL
56	MBR_REQUESTED_DELIVERY_DATE	DATE	7	NULL
57	DIRECT_DELIVERY_REQUESTED	CHAR	1	NULL
58	REQUIRED_DELIVERY_DATE	DATE	7	NULL
59	INSPECTION_REQUESTED_AT_DEST	CHAR	1	NULL
60	REWEIGH_REQUESTED_AT_DEST	CHAR	1	NULL
61	PICKUP_ADDRESS_STREET	CHAR	49	NULL
62	PICKUP_ADDRESS_CITY	CHAR	25	NULL
63	PICKUP_COUNTY	CHAR	22	NULL
64	PICKUP_ADDRESS_STATE	CHAR	2	NULL
65	PICKUP_ADDRESS_ZIP_APO_FPO	CHAR	17	NULL
66	PICKUP_COUNTRY	CHAR	20	NULL
67	PICKUP_ADDRESS_PHONE_NUMBER	CHAR	12	NULL
68	PICKUP_DESIG_AGENT_NAME	CHAR	30	NULL
69	PICKUP_DESIG_AGENT_RELATN	CHAR	14	NULL
70	PICKUP_DESIG_AGENT_PHONE	CHAR	12	NULL
71	ADDL_PICKUP_ADDR_STREET	CHAR	49	NULL
72	ADDL_PICKUP_ADDR_CITY	CHAR	25	NULL
73	ADDL_PICKUP_COUNTY	CHAR	22	NULL
74	ADDL_PICKUP_ADDR_STATE	CHAR	2	NULL
75	ADDL_PICKUP_ADDR_ZIP_APO_FPO	CHAR	17	NULL
76	ADDL_PICKUP_COUNTRY	CHAR	20	NULL
77	ADDL_PICKUP_ADDR_PHONE_NUMBER	CHAR	12	NULL
78	ADDL_PICKUP_DESIG_AGENT_NAME	CHAR	30	NULL
79	ADDL_PICKUP_DESIG_AGENT_RELATN	CHAR	14	NULL
80	ADDL_PICKUP_DESIG_AGENT_PHONE	CHAR	12	NULL
81	GOCS_ORDERED	CHAR	1	NULL
82	DELIVERY_ADDRESS_STREET	CHAR	49	NULL
83	DELIVERY_ADDRESS_CITY	CHAR	25	NULL
84	DELIVERY_COUNTY	CHAR	22	NULL
85	DELIVERY_ADDRESS_STATE	CHAR	2	NULL
86	DELIVERY_ADDRESS_ZIP_APO_FPO	CHAR	17	NULL
87	DELIVERY_COUNTRY	CHAR	20	NULL
88	DELIVERY_ADDRESS_PHONE_NUMBER	CHAR	12	NULL
89	DELIVERY_DESIG_AGENT_NAME	CHAR	30	NULL
90	DELIVERY_DESIG_AGENT_RELATN	CHAR	14	NULL
91	DELIVERY_DESIG_AGENT_PHONE	CHAR	12	NULL

TABLE_NAME

SHIPMENT (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
92	ADDL_DELIVERY_ADDR_STREET	CHAR	49	NULL
93	ADDL_DELIVERY_ADDR_CITY	CHAR	25	NULL
94	ADDL_DELIVERY_COUNTY	CHAR	22	NULL
95	ADDL_DELIVERY_ADDR_STATE	CHAR	2	NULL
96	ADDL_DELIVERY_ADDR_ZIP_APO_FPO	CHAR	17	NULL
97	ADDL_DELIVERY_COUNTRY	CHAR	20	NULL
98	ADDL_DELIVERY_ADDR_PHONE	CHAR	12	NULL
99	ADDL_DEL_DESIG_AGENT_NAME	CHAR	30	NULL
100	ADDL_DEL_DESIG_AGENT_RELATN	CHAR	14	NULL
101	ADDL_DEL_DESIG_AGENT_PHONE	CHAR	12	NULL
102	SHIPMT_CANCELLATION_REQUESTED	CHAR	1	NULL
103	DATE_CANCELLATION_REQUESTED	DATE	7	NULL
104	ACTUAL_PRO_GEAR_WEIGHT	NUMBER	5	NULL
105	ADDITIONAL_SERVICE_REQUIRED	CHAR	1	NULL
106	LOCAL_MOVE_INDICATOR	CHAR	1	NULL
107	CONSOLIDATED_SHIPMENT_NUMBER	CHAR	5	NULL
108	ORIGIN_TARE_WEIGHT	NUMBER	5	NULL
109	DAYS_SIT_TEMP_STG_USED_ORIGIN	NUMBER	3	NULL
110	DAYS_SIT_TEMP_STG_USED_DEST	NUMBER	3	NULL
111	SPLIT_SHIPMENT_INDICATOR	CHAR	1	NULL
112	NUMBER_OF_SPLIT_PORTIONS	NUMBER	1	NULL
113	TDY_SEGMENT_INDICATOR	CHAR	1	NULL
114	REWEIGH_NUMBER	CHAR	6	NULL
115	SHIPMENT_CONTAINS_POV	CHAR	1	NULL
116	SHIPMENT_CONTAINS_MOTORCYCLE	CHAR	1	NULL
117	SIT_CONTROL_NUMBER	CHAR	7	NULL
118	DATE_MBR_EVAL_FRM_PROVIDED	DATE	7	NULL
119	DATE_2ND_MBR_EVAL_FRM_PROVIDED	DATE	7	NULL
120	MEMBER_EVALUATION_RETURNED	CHAR	1	NULL
121	POV_MAKE	CHAR	10	NULL
122	POV_YEAR	NUMBER	2	NULL
123	POV_IDENTIFICATION_NUMBER	CHAR	20	NULL
124	POV_LICENSE_NUMBER	CHAR	10	NULL
125	POV_LICENSE_STATE_OF_ISSUE	CHAR	2	NULL
126	PARCEL_SERVICE_METHOD	CHAR	8	NULL
127	PARCEL_SERVICE_DATE_SENT	DATE	7	NULL
128	PARCEL_REGISTERED_CERT_NUMBER	CHAR	20	NULL
129	CODE_OF_SERVICE	CHAR	2	NULL
130	AGENT_CODE	CHAR	5	NULL
131	CARRIER_CODE	CHAR	4	NULL
132	GBL_NUMBER	CHAR	9	NULL
133	TRANSPORTATION_CONTROL_NUMBER	CHAR	17	NULL
134	PORT_OF_EMBARKATION	CHAR	4	NULL

TABLE_NAME

SHIPMENT (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
135	PORT_OF_DEBARKATION	CHAR	4	NULL
136	DPM_CONTROL_NUMBER	CHAR	7	NULL
137	DPM_CONTRACTOR_CODE	CHAR	5	NULL
138	DPM_CONTRACT_NUMBER	CHAR	20	NULL
139	DPM_SCHEDULE_NUMBER	NUMBER	1	NULL
140	DESTINATION_RATE_AREA	CHAR	9	NULL
141	AUTHORIZED_ORIGIN_CITY	CHAR	25	NULL
142	AUTHORIZED_DESTINATION_CITY	CHAR	25	NULL
143	RELEASED_VALUATION_OPTION	CHAR	7	NULL
144	DECLARED_VALUATION_AMOUNT	NUMBER	7	NULL
145	DPM_ZONE	CHAR	2	NULL
146	CONSUMABLES_AUTHORIZED	CHAR	1	NULL
147	PARCEL_CONSIGNED_TO_DEST_ITO	CHAR	1	NULL
148	ORIGIN_RATE_AREA	CHAR	9	NULL
149	WT_CHARGEABLE_AGAINST_ENTITLE	CHAR	1	NULL
150	EXPENSIVE_ITEMS_NO_OF_CARTONS	NUMBER	2	NULL
151	DEPLOYMENT_MOVE_NUMBER	CHAR	5	NULL
152	ONE_TIME_ONLY_INDICATOR	CHAR	1	NULL
153	VOLUME_MOVE_NUMBER	CHAR	5	NULL
154	OPERATING_ALLOWANCE_AMOUNT	NUMBER	6	NULL
155	OPERATING_ALLOW_AMOUNT_ADVANCE	NUMBER	6	NULL
156	IS_POV_DRIVABLE	CHAR	1	NULL
157	POV_MODEL	CHAR	15	NULL
158	DATE_SHIPMENT_COUNSELED	DATE	7	NULL
159	DATE_DD1299_PRINTED	DATE	7	NULL
160	DATE_GBL_PRINTED	DATE	7	NULL
161	DATE_SHIPMENT_PICKED_UP	DATE	7	NULL
162	DATE_COMPLETE_SHIPMENT_ARRIVED	DATE	7	NULL
163	AUTHORIZED_WEIGHT	NUMBER	5	NULL
164	CANCEL_OUTBOUND_PART_OF_SHIPMT	CHAR	1	NULL
165	MBR_CODE_MODE_PREFERENCE	CHAR	2	NULL
166	MBR_WILLING_TO_PAY_CODE_PREFER	CHAR	1	NULL

TABLE_NAME

SHIPMENT_ADDITIONAL_SERVICE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	SPLIT_PORTION_NUMBER	NUMBER	1	NOT NULL
5	ADDL_SERVICE_RATE_SOURCE	CHAR	4	NULL
6	ADDL_SERVICE_ITEM_NUMBER	CHAR	4	NOT NULL
7	ADDL_SERVICE_ITEM_DESC	CHAR	30	NOT NULL
8	ADDL_SERVICE_LOCATION	CHAR	1	NOT NULL
9	AUTHORIZED_FOR_GOV'T_PAYMENT	CHAR	1	NULL
10	DATE_ORDER_PLACED	DATE	7	NULL
11	TIME_ORDER_PLACED	CHAR	4	NULL
12	ORDER_PLACED_BY	CHAR	30	NULL
13	NUMBER_OF_UNITS_ORDERED	NUMBER	5	NULL
14	DATE_TO_BE_PERFORMED	DATE	7	NULL
15	REPRESENTATIVE_CONTACTED	CHAR	15	NULL
16	DATE_PERFORMED	DATE	7	NULL
17	NUMBER_OF_UNITS_PERFORMED	NUMBER	5	NULL
18	SUBMITTED_CHARGE	NUMBER	6	NULL
19	ENTERED_ESTIMATED_COST	NUMBER	6	NULL
20	COMPUTED_ESTIMATED_COST	NUMBER	6	NULL
21	DATE_APPROVED_FOR_PAYMENT	DATE	7	NULL
22	DATE_DD619_1_PRINTED	DATE	7	NULL
23	NTS_TRANSACTION_NUMBER	NUMBER	2	NULL
24	NTS_SERVICE_ORDER_NUMBER	CHAR	13	NULL

TABLE_NAME

SPOUSE_IN_SERVICE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SPOUSE_IN_SERVICE_SSN	CHAR	11	NOT NULL
4	SPOUSE_LAST_NAME	CHAR	17	NULL

TABLE_NAME

SPOUSE_IN_SERVICE (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
5	SPOUSE_FIRST_NAME	CHAR	15	NULL
6	SPOUSE_MIDDLE_NAME_OR_INITIAL	CHAR	15	NULL
7	SPOUSE_BRANCH_OF_SERVICE	CHAR	1	NULL
8	SPOUSE_PAY_GRADE	CHAR	4	NULL
9	SPOUSE_RANK	CHAR	5	NULL
10	SPOUSE_NAVY_RANK_RATE_CODE	CHAR	4	NULL
11	SPOUSE_OVER_2_YEARS_SERVICE	CHAR	1	NULL
12	SPOUSE_ORDERS_NUMBER	CHAR	10	NULL
13	SPOUSE_ORDERS_DATE	DATE	7	NULL
14	SPOUSE_ORDERS_PARAGRAPH_NUMBER	CHAR	3	NULL
15	SPOUSE_TYPE_OF_ORDERS	CHAR	3	NULL
16	SPOUSE_ORDERS_ISSUING_HQ	CHAR	36	NULL
17	SPOUSE_ACCOUNT_CLASSIFICATION	CHAR	55	NULL
18	SPOUSE_MOVEMENT_DESIG_CODE	CHAR	4	NULL
19	SPOUSE_TRANSPORT_ACCOUNT_CODE	CHAR	4	NULL
20	SPOUSE_NAVY_NMF_CODE	CHAR	4	NULL
21	SPOUSE_FISCAL_YEAR_OF_DETACH	NUMBER	1	NULL
22	SPOUSE_FULL_JTR_TABULAR_WT	NUMBER	5	NULL
23	SPOUSE_UB_TABULAR_WEIGHT	NUMBER	4	NULL
24	SPOUSE_WEIGHT_ADJUSTMENT	NUMBER	5	NULL
25	SPOUSE_ORDERS_AMENDED	CHAR	1	NULL

TABLE_NAME-----
UB_WEIGHT_ALLOWANCE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	PAY_GRADE	CHAR	4	NOT NULL
2	TYPE_OF_ORDERS	CHAR	3	NOT NULL
3	TOUR_OVERSEAS	CHAR	1	NOT NULL
4	DEPENDENT_TRAVEL_AUTHORIZED	CHAR	1	NOT NULL
5	ARMY_MEMBER_UB_WT_ALLOW	NUMBER	4	NULL
6	ARMY_DEPEND_12_OVER_WT_ALLOW	NUMBER	4	NULL
7	ARMY_DEPEND_UNDER_12_WT_ALLOW	NUMBER	4	NULL

TABLE_NAME

UB_WEIGHT_ALLOWANCE (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
8	AF_MEMBER_UB_WT_ALLOW	NUMBER	4	NULL
9	AF_DEPEND_12_OVER_WT_ALLOW	NUMBER	4	NULL
10	AF_DEPEND_UNDER_12_WT_ALLOW	NUMBER	4	NULL
11	MC_MEMBER_UB_WT_ALLOW	NUMBER	4	NULL
12	MC_DEPEND_12_OVER_WT_ALLOW	NUMBER	4	NULL
13	MC_DEPEND_UNDER_12_WT_ALLOW	NUMBER	4	NULL
14	NAVY_MEMBER_UB_WT_ALLOW	NUMBER	4	NULL
15	NAVY_DEPEND_12_OVER_WT_ALLOW	NUMBER	4	NULL
16	NAVY_DEPEND_UNDER_12_WT_ALLOW	NUMBER	4	NULL
17	ACCOMPANIED_TOUR_OVERSEAS	CHAR	1	NOT NULL

MODULE_NAME

REFERENCE

TABLE_NAME

CODE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	TYPE	CHAR	10	NOT NULL
2	VALUE	CHAR	10	NOT NULL
3	TRANSL	CHAR	70	NULL
4	ATTR	CHAR	5	NULL

TABLE_NAME

CODE_TYPE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	TYPE	CHAR	10	NOT NULL
2	TYPE_TRANSL	CHAR	40	NULL
3	VALUE_LENGTH	NUMBER	2	NULL
4	TRANSL_LENGTH	NUMBER	2	NULL
5	ATTR_LENGTH	NUMBER	1	NULL
6	ATTR_USE	CHAR	60	NULL

TABLE_NAME

CONTROL_SEQUENCE_NUMBER

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	YEAR	NUMBER	2	NOT NULL
2	NTS_SERV_ORD_SEQUENCE_NUMBER	NUMBER	4	NULL
3	DITY_CONTROL_SEQUENCE_NUMBER	NUMBER	4	NULL
4	DPM_CONTROL_SEQUENCE_NUMBER	NUMBER	5	NULL
5	SIT_CONTROL_SEQUENCE_NUMBER	NUMBER	3	NULL
6	REWEIGH_SEQUENCE_NUMBER	NUMBER	4	NULL
7	QA_CDR_SEQUENCE_NUMBER	NUMBER	4	NULL
8	CONSOL_SHIPMT_SEQUENCE_NUMBER	NUMBER	4	NULL
9	VOLUME_MOVE_SEQUENCE_NUMBER	NUMBER	3	NULL
10	DEPLOYMT_MOVE_SEQUENCE_NUMBER	NUMBER	3	NULL

TABLE_NAME

GBL_NUMBER_BLOCK

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	ISSUE_DATE	DATE	7	NOT NULL
2	GBL_ALPHA_PREFIX	CHAR	2	NULL
3	GBL_BEGINNING_NUMBER	NUMBER	6	NULL
4	GBL_END_NUMBER	NUMBER	6	NULL
5	USE_BEGIN_DATE	DATE	7	NULL
6	USE_END_DATE	DATE	7	NULL

TABLE_NAME

LOCAL_SITE_INFORMATION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	BASE_PROCUREMENT_ID_NUMBER	CHAR	6	NOT NULL
2	BASE_NAME	CHAR	36	NULL
3	BASE_PPSO_ADDRESS	CHAR	62	NULL
4	BASE_GBLOC	CHAR	4	NULL
5	BASE_TO_NAME	CHAR	30	NULL
6	BASE_TO_TITLE	CHAR	27	NULL

TABLE_NAME-----
LOCAL_ZONE_DEFINITION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	STATE_ABBREVIATION	CHAR	2	NOT NULL
2	COUNTY_CITY_INDICATOR	CHAR	2	NULL
3	COUNTY_CITY_NAME	CHAR	25	NOT NULL
4	NTS_DRAYAGE_ZONE	CHAR	2	NULL
5	DPM_ZONE	CHAR	2	NULL
6	DTGBL_ORIGIN_ZONE	CHAR	2	NULL

TABLE_NAME-----
PPSO_DPM_AVERAGE_RATE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	INSTALLATION_GBLOC	CHAR	4	NOT NULL
2	TYPE_OF_SHIPMENT	CHAR	3	NOT NULL
3	DPM_AVERAGE_RATE	NUMBER	6	NULL

TABLE_NAME

RATE_AREA_TO_GBLOC

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	INSTALLATION_GBLOC	CHAR	4	NOT NULL
2	RATE_AREA	CHAR	9	NULL

TABLE_NAME

STORAGE_FACILITY

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	STORAGE_FACILITY_ID	CHAR	4	NOT NULL
2	STORAGE_FACILITY_NAME	CHAR	36	NULL
3	STORAGE_FACILITY_ADDR_STREET	CHAR	49	NULL
4	STORAGE_FACILITY_ADDR_CITY	CHAR	25	NULL
5	STORAGE_FACILITY_ADDR_STATE	CHAR	2	NULL
6	STORAGE_FACILITY_ADDR_ZIP	CHAR	10	NULL
7	STORAGE_FACILITY_ADDR_COUNTY	CHAR	22	NULL

TABLE_NAME

VOID_GBL_NUMBER

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	GBL_NUMBER	CHAR	9	NOT NULL
2	DATE_GBL_NUMBER_VOIDED	DATE	7	NULL
3	CARRIER_CODE	CHAR	4	NULL
4	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NULL
5	ORDERS_NUMBER	CHAR	10	NULL
6	SHIPMENT_NUMBER	NUMBER	2	NULL

MODULE_NAME

OUTBOUND

TABLE_NAME

CARRIER

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CARRIER_CODE	CHAR	4	NOT NULL
2	CARRIER_NAME	CHAR	36	NULL
3	CARRIER_HOME_ADDR_STREET	CHAR	49	NULL
4	CARRIER_HOME_ADDR_CITY	CHAR	25	NULL
5	CARRIER_HOME_ADDR_STATE	CHAR	2	NULL
6	CARRIER_HOME_ADDR_ZIP_APO_FPO	CHAR	17	NULL
7	CARRIER_MAIL_ADDR_STREET	CHAR	49	NULL
8	CARRIER_MAIL_ADDR_CITY	CHAR	25	NULL
9	CARRIER_MAIL_ADDR_STATE	CHAR	2	NULL
10	CARRIER_MAIL_ADDR_ZIP_APO_FPO	CHAR	17	NULL
11	CARRIER_PHONE_NUMBER	CHAR	12	NULL
12	CARRIER_800_PHONE_NUMBER	CHAR	12	NULL
13	CARRIER_TELEX	CHAR	17	NULL
14	APPROVED_INTERLINING_CARRIER_1	CHAR	4	NULL
15	APPROVED_INTERLINING_CARRIER_2	CHAR	4	NULL
16	APPROVED_INTERLINING_CARRIER_3	CHAR	4	NULL
17	APPROVED_INTERLINING_CARRIER_4	CHAR	4	NULL
18	MTMC_APPROVAL_CODE_1_INTER	CHAR	1	NULL
19	MTMC_APPROVAL_CODE_2_INTER	CHAR	1	NULL
20	MTMC_APPROVAL_CODE_1_INTRA	CHAR	1	NULL
21	MTMC_APPROVAL_CODE_2_INTRA	CHAR	1	NULL
22	MTMC_APPROVAL_CODE_3	CHAR	1	NULL
23	MTMC_APPROVAL_CODE_4	CHAR	1	NULL
24	MTMC_APPROVAL_CODE_5	CHAR	1	NULL
25	MTMC_APPROVAL_CODE_6	CHAR	1	NULL
26	MTMC_APPROVAL_CODE_7	CHAR	1	NULL
27	MTMC_APPROVAL_CODE_8	CHAR	1	NULL
28	MTMC_APPROVAL_CODE_9	CHAR	1	NULL
29	MTMC_APPROVAL_CODE_J	CHAR	1	NULL
30	MTMC_APPROVAL_CODE_T	CHAR	1	NULL
31	MTMC_APPROVAL_CODE_S	CHAR	1	NULL
32	MTMC_APPROVAL_DPM	CHAR	1	NULL
37	FORTY_NINE_STATE_AUTHORITY	CHAR	1	NULL
33	INTERSTATE_COMMERCE_COMM_AUTH	CHAR	1	NULL
34	REGULATED_FREIGHT_FORWARD_AUTH	CHAR	1	NULL
35	EXEMPT_FREIGHT_FORWARDER_AUTH	CHAR	1	NULL
36	CIVIL_AERONAUTICS_BOARD_AUTH	CHAR	1	NULL

TABLE_NAME

CARRIER_INCLUDED_STATE_INTRA

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CARRIER_CODE	CHAR	4	NOT NULL
2	CODE_OF_SERVICE	CHAR	2	NOT NULL
3	STATE_ABBREVIATION	CHAR	2	NOT NULL
4	DATE_EFFECTIVE	DATE	7	NOT NULL
5	DATE_END	DATE	7	NULL

TABLE_NAME

CARRIER_EXCEPTION_STATE_INTER

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CARRIER_CODE	CHAR	4	NOT NULL
2	CODE_OF_SERVICE	CHAR	2	NOT NULL
3	STATE_ABBREVIATION	CHAR	2	NOT NULL
4	DATE_EFFECTIVE	DATE	7	NOT NULL
5	DATE_END	DATE	7	NULL

TABLE_NAME

CODE_OF_SERV_SELECTION_LOG

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL

TABLE_NAME

CODE_OF_SERV_SELECTION_LOG (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
4	CODE_OF_SERVICE	CHAR	2	NOT NULL
5	CODE_OF_SERV_SELECTION_CODE	CHAR	2	NULL
6	CODE_OF_SERV_SELECTION_DATE	DATE	7	NULL
7	CODE_OF_SERV_SELECTION_REMARK	CHAR	150	NULL
8	CLERK_ID	CHAR	30	NULL

TABLE_NAME-----
CONSOLIDATED_SHIPMENT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CONSOLIDATED_SHIPMENT_NUMBER	CHAR	5	NOT NULL
2	CONSOLIDATED_WEIGHT_ESTIMATE	NUMBER	5	NULL
3	CONSOLIDATED_DISTANCE	NUMBER	4	NULL
4	CONSOLIDATED_CODE1_COST_EST	NUMBER	9	NULL
5	CONSOLIDATED_CODE2_COST_EST	NUMBER	9	NULL

TABLE_NAME-----
DOM_PPSO_DPM_CONSIGNMENT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DESTINATION_GBLOC	CHAR	4	NOT NULL
2	DPM_ZONE	CHAR	2	NOT NULL
3	DPM_CONTRACTOR_NAME	CHAR	36	NULL

TABLE_NAME

 DOM_PPSO_DPM_CONSIGNMENT (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
4	DPM_CONTRACTOR_BUILDING_ADDR	CHAR	49	NULL
5	DPM_CONTRACTOR_STREET_ADDRESS	CHAR	49	NULL
6	DPM_CONTRACTOR_CITY	CHAR	25	NULL
7	DPM_CONTRACTOR_STATE	CHAR	2	NULL
8	DPM_CONTRACTOR_ZIP_CODE	CHAR	10	NULL

TABLE_NAME

 DOM_PPSO_DPM_ZONE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DESTINATION_GBLOC	CHAR	4	NOT NULL
2	STATE_ABBREVIATION	CHAR	2	NOT NULL
3	COUNTY_CITY_NAME	CHAR	25	NOT NULL
4	COUNTY_CITY_INDICATOR	CHAR	2	NOT NULL
5	DPM_ZONE	CHAR	2	NULL

TABLE_NAME

 DTGBL_SHIP_LE_500MI_GIVEN_PT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_SOL_NUMBER_AND_MOD	CHAR	7	NOT NULL
2	STATE_ABBREVIATION	CHAR	2	NOT NULL
3	COUNTY_CITY_INDICATOR	CHAR	2	NOT NULL
4	COUNTY_CITY_NAME	CHAR	25	NOT NULL
5	RATE_SECTION	CHAR	1	NULL

TABLE_NAME

DOMESTIC_MILEAGE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DESTINATION_STATE	CHAR	2	NOT NULL
2	DESTINATION_COUNTY_CITY	CHAR	25	NOT NULL
3	COUNTY_CITY_INDICATOR	CHAR	2	NOT NULL
4	MILES	NUMBER	5	NULL

TABLE_NAME

DPM_LINEHAUL_RATE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_RATE_SOL_EFFECTIVE_DATE	DATE	7	NOT NULL
2	CARRIER_CODE	CHAR	4	NOT NULL
3	DESTINATION_GBLOC	CHAR	4	NOT NULL
4	CODE_OF_SERVICE	CHAR	2	NOT NULL
5	CARRIER_NAME	CHAR	36	NULL
6	DPM_RATE_SOL_END_DATE	DATE	7	NULL
7	DPM_LINEHAUL_RATE	NUMBER	5	NULL
8	PRIMARY_ALTERNATE_RANK	CHAR	1	NULL

TABLE_NAME

DPM_RATE_SOLICITATION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_RATE_SOLICITATION_NUMBER	CHAR	4	NOT NULL
2	DPM_RATE_SOL_EFFECTIVE_DATE	DATE	7	NULL
3	DPM_RATE_SOL_EXPIRATION_DATE	DATE	7	NULL

TABLE_NAME

DTGBL_LINEHAUL_BASE_RATE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_SOL_NUMBER_AND_MOD	CHAR	7	NOT NULL
2	RATE_SECTION	CHAR	1	NOT NULL
3	LOW_MILES	NUMBER	4	NOT NULL
4	LOW_BREAKPOINT_WEIGHT	NUMBER	5	NOT NULL
5	HIGH_MILES	NUMBER	4	NULL
6	HIGH_BREAKPOINT_WEIGHT	NUMBER	5	NULL
7	RATE	NUMBER	6	NULL
8	MINIMUM_WEIGHT_FOR_RATE	NUMBER	5	NULL

TABLE_NAME

DOMESTIC_TRANSIT_TIME

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	EFFECTIVE_DATE	DATE	7	NOT NULL
2	LOW_MILES	NUMBER	4	NOT NULL
3	LOW_WEIGHT	NUMBER	6	NOT NULL
4	HIGH_MILES	NUMBER	4	NULL
5	HIGH_WEIGHT	NUMBER	6	NULL
6	END_DATE	DATE	7	NULL
7	TRANSIT_TIME	NUMBER	3	NULL

TABLE_NAME

DTGBL_CARRIER_AGENT_SERVICE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CARRIER_CODE	CHAR	4	NOT NULL
2	DTGBL_ORIGIN_ZONE	CHAR	2	NOT NULL
3	CODE_OF_SERVICE	CHAR	2	NOT NULL
4	AGENT_CODE	CHAR	5	NOT NULL
5	DATE_LOI_RECEIVED	DATE	7	NULL
6	DATE_LOI_APPROVED	DATE	7	NULL
7	DATE_LOI_RETURNED	DATE	7	NULL
8	AGENT_STATUS	CHAR	2	NULL
9	AGENT_STATUS_EFFECTIVE_DATE	DATE	7	NOT NULL
10	AGENT_STATUS_END_DATE	DATE	7	NULL
11	AGENT_STATUS_REQUESTOR	CHAR	15	NULL

TABLE_NAME

DTGBL_ADDL_TRANSP_CHARGE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_SOL_NUMBER_AND_MOD	CHAR	7	NOT NULL
2	STATE_ABBREVIATION	CHAR	2	NOT NULL
3	COUNTY_CITY_INDICATOR	CHAR	2	NOT NULL
4	COUNTY_CITY_NAME	CHAR	25	NOT NULL
5	RATE	NUMBER	6	NULL

TABLE_NAME

DTGBL_CARRIER_CURRENT_STATUS

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CARRIER_CODE	CHAR	4	NOT NULL
2	DTGBL_ORIGIN_ZONE	CHAR	2	NOT NULL
3	CODE_OF_SERVICE	CHAR	2	NOT NULL
4	STATUS_EFFECTIVE_DATE	DATE	7	NOT NULL
5	STATUS_END_DATE	DATE	7	NULL
6	CARRIER_STATUS_CODE	CHAR	2	NULL
7	BOOKING_AGENT_CODE	CHAR	5	NULL

TABLE_NAME

DTGBL_INTERSTATE_SERVICE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_BEGIN_DATE	DATE	7	NOT NULL
2	CARRIER_CODE	CHAR	4	NOT NULL
3	DTGBL_ORIGIN_ZONE	CHAR	2	NOT NULL
4	DESTINATION_STATE	CHAR	2	NOT NULL
5	CODE_OF_SERVICE	CHAR	2	NOT NULL
6	PERCENT_OF_SOLICITATION_RATE	NUMBER	3	NULL
7	ACCUM_WEIGHT_ACCEPTED	NUMBER	7	NULL
8	ACCUM_WEIGHT_PENALIZED	NUMBER	7	NULL
9	RATE_END_DATE	DATE	7	NULL
10	CARRIER_INITIAL_POSITION	NUMBER	2	NULL

TABLE_NAME

DTGBL_INTRASTATE_ROUTE_TONNAGE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_CYCLE_NUMBER	CHAR	4	NOT NULL
2	DTGBL_ORIGIN_ZONE	CHAR	2	NOT NULL
3	DESTINATION_GBLOC	CHAR	4	NOT NULL
4	DESTINATION_STATE	CHAR	2	NOT NULL
5	CODE_OF_SERVICE	CHAR	2	NOT NULL
6	ACCUMULATED_WEIGHT	NUMBER	9	NULL

TABLE_NAME

DTGBL_INTRASTATE_SERVICE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_BEGIN_DATE	DATE	7	NULL
2	CARRIER_CODE	CHAR	4	NOT NULL
3	DTGBL_ORIGIN_ZONE	CHAR	2	NOT NULL
4	DESTINATION_GBLOC	CHAR	4	NOT NULL
5	DESTINATION_STATE	CHAR	2	NOT NULL
6	CODE_OF_SERVICE	CHAR	2	NOT NULL
7	PERCENT_OF_SOLICITATION_RATE	NUMBER	3	NULL
8	PERCENT_OF_TONNAGE	NUMBER	3	NULL
9	PRIME_CARRIER_INDICATOR	CHAR	1	NULL
10	ACCUM_WEIGHT_ACCEPTED	NUMBER	7	NULL
11	ACCUM_WEIGHT_PENALIZED	NUMBER	7	NULL
12	RATE_END_DATE	DATE	7	NULL
13	CARRIER_INITIAL_POSITION	NUMBER	2	NULL

TABLE_NAME

GBL_SEQUENCE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	GBL_ALPHA_PREFIX	CHAR	2	NOT NULL
2	GBL_BEGINNING_NUMBER	NUMBER	6	NOT NULL
3	GBL_END_NUMBER	NUMBER	6	NULL
4	GBL_SEQUENCE_NUMBER	NUMBER	6	NULL

TABLE_NAME

INTERNATIONAL_TRANSIT_TIME

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	EFFECTIVE_DATE	DATE	7	NOT NULL
2	ORIGIN_RATE_AREA	CHAR	9	NOT NULL
3	DESTINATION_RATE_AREA	CHAR	9	NOT NULL
4	CODE_OF_SERVICE	CHAR	2	NOT NULL
5	TRANSIT_TIME	NUMBER	2	NULL
6	END_DATE	DATE	7	NULL

TABLE_NAME

INTERSTATE_INTERLINING_CARRIER

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CARRIER_CODE	CHAR	4	NOT NULL
2	DTGBL_ORIGIN_ZONE	CHAR	2	NOT NULL
3	DESTINATION_STATE	CHAR	2	NOT NULL
4	CODE_OF_SERVICE	CHAR	2	NOT NULL
5	INTERLINING_CARRIER_CODE	CHAR	4	NOT NULL

TABLE_NAME

INTL_PPSO_CODES_OF_SERVICE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DESTINATION_GBLOC	CHAR	4	NOT NULL
2	DEST_ACTIVITY_ZIP_APO_FPO	CHAR	17	NOT NULL
3	BRANCH_OF_SERVICE	CHAR	1	NOT NULL
4	TYPE_OF_SHIPMENT	CHAR	3	NOT NULL
5	CODE_OF_SERVICE	CHAR	2	NULL

TABLE_NAME

INTL_PPSO_DPM_CONSIGNMENT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DESTINATION_GBLOC	CHAR	4	NOT NULL
2	DEST_ACTIVITY_ZIP_APO_FPO	CHAR	17	NOT NULL
3	DPM_CONTRACTOR_NAME	CHAR	36	NULL
4	DPM_CONTRACTOR_BUILDING_ADDR	CHAR	49	NULL
5	DPM_CONTRACTOR_STREET_ADDRESS	CHAR	49	NULL
6	DPM_CONTRACTOR_CITY	CHAR	25	NULL
7	DPM_CONTRACTOR_COUNTRY	CHAR	2	NULL

TABLE_NAME

INTRASTATE_INTERLINING_CARRIER

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CARRIER_CODE	CHAR	4	NOT NULL
2	DTGBL_ORIGIN_ZONE	CHAR	2	NOT NULL
3	DESTINATION_GBLOC	CHAR	4	NOT NULL

TABLE_NAME

INTRASTATE_INTERLINING_CARRIER (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
4	DESTINATION_STATE	CHAR	2	NOT NULL
5	CODE_OF_SERVICE	CHAR	2	NOT NULL
6	INTERLINING_CARRIER_CODE	CHAR	4	NULL

TABLE_NAME

ITGBL_CARRIER_AGENT_SERVICE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CARRIER_CODE	CHAR	4	NOT NULL
2	ORIGIN_RATE_AREA	CHAR	9	NOT NULL
3	CODE_OF_SERVICE	CHAR	2	NOT NULL
4	AGENT_CODE	CHAR	5	NOT NULL
5	BOOKING_AGENT_INDICATOR	CHAR	1	NULL
6	DATE_LOI_RECEIVED	DATE	7	NULL
7	DATE_LOI_APPROVED	DATE	7	NULL
8	DATE_LOI_RETURNED	DATE	7	NULL
9	AGENT_STATUS	CHAR	2	NULL
10	AGENT_STATUS_EFFECTIVE_DATE	DATE	7	NOT NULL
11	AGENT_STATUS_END_DATE	DATE	7	NULL
12	AGENT_STATUS_REQUESTOR	CHAR	15	NULL

TABLE_NAME

ITGBL_CARRIER_CURRENT_STATUS

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CARRIER_CODE	CHAR	4	NOT NULL
2	CODE_OF_SERVICE	CHAR	2	NOT NULL
3	DESTINATION_RATE_AREA	CHAR	9	NOT NULL
4	STATUS_EFFECTIVE_DATE	DATE	7	NOT NULL
5	STATUS_END_DATE	DATE	7	NULL
6	CARRIER_STATUS_CODE	CHAR	2	NULL

TABLE_NAME

ITGBL_CHANNEL_TONNAGE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_CYCLE_NUMBER	CHAR	4	NOT NULL
2	ORIGIN_RATE_AREA	CHAR	9	NOT NULL
3	DESTINATION_RATE_AREA	CHAR	9	NOT NULL
4	CODE_OF_SERVICE	CHAR	2	NOT NULL
5	ACCUMULATED_WEIGHT	NUMBER	9	NULL

TABLE_NAME

ITGBL_CONUS_LINEHAUL_BASE_RATE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_SOL_NUMBER_AND_MOD	CHAR	7	NOT NULL
2	RATE_SECTION	CHAR	1	NOT NULL
3	RATE_SECTION_SCHED_AND_PART	CHAR	3	NOT NULL

TABLE_NAME

ITGBL_CONUS_LINEHAUL_BASE_RATE (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
4	LOW_MILES	NUMBER	4	NOT NULL
5	LOW_BREAKPOINT_WEIGHT	CHAR	5	NOT NULL
6	HIGH_MILES	NUMBER	4	NULL
7	HIGH_BREAKPOINT_WEIGHT	NUMBER	5	NULL
8	RATE	NUMBER	6	NULL
9	MINIMUM_WEIGHT_FOR_RATE	NUMBER	5	NULL

TABLE_NAME

ITGBL_SERVICE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_BEGIN_DATE	DATE	7	NOT NULL
2	CARRIER_CODE	CHAR	4	NOT NULL
3	ORIGIN_RATE_AREA	CHAR	9	NOT NULL
4	DESTINATION_RATE_AREA	CHAR	9	NOT NULL
5	CODE_OF_SERVICE	CHAR	2	NOT NULL
6	RATE	NUMBER	6	NULL
7	LOW_RATE_SETTER_INDICATOR	CHAR	1	NULL
8	PERCENT_OF_TONNAGE	NUMBER	3	NULL
9	ACCUM_WEIGHT_ACCEPTED	NUMBER	7	NULL
10	ACCUM_WEIGHT_PENALIZED	NUMBER	7	NULL
11	RATE_END_DATE	DATE	7	NULL
12	CARRIER_INITIAL_POSITION	NUMBER	2	NULL

TABLE_NAME

MAC_MSC_PORT_RATE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	ORIGIN_RATE_AREA	CHAR	9	NOT NULL
2	DESTINATION_RATE_AREA	CHAR	9	NOT NULL
3	CODE_OF_SERVICE	CHAR	2	NOT NULL
4	MAC_RATE	NUMBER	6	NULL
5	MSC_RATE	NUMBER	6	NULL

TABLE_NAME-----
ONE_TIME_ONLY_SERVICE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	CARRIER_CODE	CHAR	4	NULL
5	TARIFF_NUMBER	CHAR	11	NULL
6	CODE_OF_SERVICE	CHAR	2	NULL
7	RATE	NUMBER	6	NULL
8	RATE_BEGIN_DATE	DATE	7	NULL
9	RATE_END_DATE	DATE	7	NULL
10	ORIGIN_AGENT_NAME	CHAR	30	NULL
11	ORIGIN_AGENT_PHONE	CHAR	12	NULL
12	DESTINATION_AGENT_NAME	CHAR	30	NULL

TABLE_NAME

REQUESTED_SERVICE_CODE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	SERVICE_CODE	CHAR	15	NOT NULL
2	APPLIES_TO_TGBL	CHAR	1	NULL
3	APPLIES_TO_DPM	CHAR	1	NULL
4	SERVICE_CODE_TRANSLATION	CHAR	30	NULL
5	DOM_ADDL_SERVICE_ITEM_NO	CHAR	3	NULL
6	INTL_HHG_ADDL_SERVICE_ITEM_NO	CHAR	3	NULL
7	INTL_UB_ADDL_SERVICE_ITEM_NO	CHAR	3	NULL
8	DPM_SCHEDULE_1_ITEM_NO	CHAR	9	NULL
9	DPM_SCHEDULE_2_ITEM_NO	CHAR	9	NULL
10	DPM_SCHEDULE_3_ITEM_NO	CHAR	9	NULL
11	THIRD_PARTY_ITEM_NO	CHAR	9	NULL

TABLE_NAME

RESPONSIBLE_DOM_PPSO

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	STATE_ABBREVIATION	CHAR	2	NOT NULL
2	COUNTY_CITY_NAME	CHAR	25	NOT NULL
3	COUNTY_CITY_INDICATOR	CHAR	2	NOT NULL
4	BRANCH_OF_SERVICE	CHAR	1	NOT NULL
5	RESP_PPSO_GBLOC_INBOUND	CHAR	4	NULL
6	RESP_PPSO_GBLOC_OUTBOUND_NTS	CHAR	4	NULL

TABLE_NAME

RESPONSIBLE_INTL_PPSO

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	ACTIVITY_ZIP_APO_FPO	CHAR	17	NOT NULL
2	BRANCH_OF_SERVICE	CHAR	1	NOT NULL
3	RESPONSIBLE_INTL_PPSO_GBLOC	CHAR	4	NULL

TABLE_NAME

SHIPMENT_CODE_COST_EST

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	CODE_OF_SERVICE	CHAR	2	NOT NULL
5	AUTHORIZED_SHIPMENT_COST_EST	NUMBER	9	NULL
6	REQUESTED_SHIPMENT_COST_EST	NUMBER	9	NULL
7	SHIPMENT_TRANSIT_TIME	NUMBER	3	NULL

TABLE_NAME

TGBL_AGENT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	AGENT_CODE	CHAR	5	NOT NULL
2	AGENT_NAME	CHAR	36	NULL
3	AGENT_ADDRESS_STREET	CHAR	49	NULL

TABLE_NAME

TGBL_AGENT (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
4	AGENT_ADDRESS_CITY	CHAR	25	NULL
5	AGENT_ADDRESS_STATE	CHAR	2	NULL
6	AGENT_ADDRESS_ZIP	CHAR	10	NULL
7	AGENT_PHONE_NUMBER	CHAR	12	NULL

TABLE_NAME

TGBL_RATE_CYCLE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DOMESTIC_INTERNAT_INDICATOR	CHAR	1	NOT NULL
2	RATE_CYCLE_NUMBER	CHAR	4	NOT NULL
3	RATE_CYCLE_BEGIN_DATE	DATE	7	NULL
4	RATE_CYCLE_END_DATE	DATE	7	NULL
5	RATE_SOL_NUMBER_AND_MOD	CHAR	7	NULL

TABLE_NAME

TGBL_RATE_SOLICITATION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DOMESTIC_INTERNAT_INDICATOR	CHAR	1	NOT NULL
2	RATE_SOL_NUMBER_AND_MOD	CHAR	7	NOT NULL
3	RATE_SOL_MOD_EFFECT_DATE	DATE	7	NULL
4	RATE_SOL_MOD_EXPIR_DATE	DATE	7	NULL

TABLE_NAME

TGBL_SHIPMT_CARRIER_LOG

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	CARRIER_CODE	CHAR	4	NOT NULL
5	CODE_OF_SERVICE	CHAR	2	NOT NULL
6	TDR_ACTION_DATE	DATE	7	NOT NULL
7	TDR_ACTION_CODE	CHAR	3	NULL
8	TDR_ACTION_REASON_CODE	CHAR	2	NULL
9	TDR_ACTION_REMARK	CHAR	80	NULL
10	WEIGHT_ACTION	CHAR	1	NULL
11	CLERK_ID	CHAR	30	NULL
12	REPRESENTATIVE_CONTACTED	CHAR	15	NULL
13	TDR_ACTION_TIME	CHAR	5	NOT NULL

TABLE_NAME-----
TGBL_SHIPMT_CARRIER_REUSE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	CARRIER_CODE	CHAR	4	NOT NULL
5	CODE_OF_SERVICE	CHAR	2	NOT NULL
6	LAST_REFUSAL_CODE	CHAR	2	NULL
7	LAST_PULLED_TURNED_BACK_CODE	CHAR	2	NULL
8	WAS_WEIGHT_CHARGED	CHAR	1	NULL

TABLE_NAME

VOLUME_MOVE_SERVICE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CARRIER_CODE	CHAR	4	NOT NULL
2	DESTINATION_GBLOC	CHAR	4	NOT NULL
3	CODE_OF_SERVICE	CHAR	2	NOT NULL
4	VOLUME_MOVE_NUMBER	CHAR	4	NULL
5	RATE_FOR_DOMESTIC	NUMBER	3	NULL
6	RATE_FOR_INTERNATIONAL	NUMBER	7	NULL
7	RATE_BEGIN_DATE	DATE	7	NOT NULL
8	RATE_END_DATE	DATE	7	NULL
9	ACCUM_WEIGHT_ACCEPTED	NUMBER	6	NULL
10	ACCUM_WEIGHT_PENALIZED	NUMBER	6	NULL

MODULE_NAME

INBOUND

TABLE_NAME

AGENT_SIT_FACILITY

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	AGENT_CODE	CHAR	5	NOT NULL
2	STORAGE_FACILITY_ID	CHAR	4	NOT NULL
3	FACILITY_STATUS_CODE	CHAR	4	NULL
4	FACILITY_LAST_INSPECTION_DATE	DATE	7	NULL
5	FACILITY_INSPECTION_REMARKS	CHAR	150	NULL

TABLE_NAME

DOMESTIC_ADDL_SERVICE_ITEM

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_SOL_NUMBER_AND_MOD	CHAR	7	NOT NULL
2	ADDL_SERVICE_ITEM_NUMBER	CHAR	4	NOT NULL
3	ADDL_SERVICE_ITEM_DESC	CHAR	30	NOT NULL
4	ADDL_SERVICE_ITEM_UNIT	CHAR	15	NULL
5	STATE_ABBREVIATION	CHAR	2	NOT NULL
6	RATE_OR_CHARGE	NUMBER	7	NULL
7	LOW_BREAKPOINT_WEIGHT	NUMBER	5	NULL
8	HIGH_BREAKPOINT_WEIGHT	NUMBER	5	NULL
9	MIN_WEIGHT_FOR_RATE	NUMBER	5	NULL
10	APPLIES_TO_DPM	CHAR	1	NULL

TABLE_NAME

DPM_CONTRACT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_CONTRACT_NUMBER	CHAR	20	NOT NULL
2	DPM_CONTRACTOR_CODE	CHAR	5	NULL
3	DPM_CONTRACT_BEGIN_DATE	DATE	7	NULL
4	DPM_CONTRACT_EXPIRATION_DATE	DATE	7	NULL
5	DPM_CONTRACT_END_DATE	DATE	7	NULL
6	DPM_CONTRACT_END_REASON	CHAR	150	NULL

TABLE_NAME

DPM_CONTRACTOR

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_CONTRACTOR_CODE	CHAR	5	NOT NULL
2	DPM_CONTRACTOR_NAME	CHAR	36	NULL
3	DPM_CONTRACTOR_STREET	CHAR	49	NULL
4	DPM_CONTRACTOR_CITY	CHAR	25	NULL
5	DPM_CONTRACTOR_STATE	CHAR	2	NULL
6	DPM_CONTRACTOR_ZIP	CHAR	10	NULL
7	DPM_CONTRACTOR_PHONE	CHAR	12	NULL
8	DPM_CONTR_INVOICE_STREET	CHAR	49	NULL
9	DPM_CONTR_INVOICE_CITY	CHAR	25	NULL
10	DPM_CONTR_INVOICE_STATE	CHAR	2	NULL
11	DPM_CONTR_INVOICE_ZIP	CHAR	10	NULL

TABLE_NAME

DPM_ITEM_RATE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_CONTRACT_NUMBER	CHAR	20	NOT NULL
2	DPM_ITEM_NUMBER	CHAR	9	NOT NULL
3	DPM_ZONE	CHAR	2	NOT NULL
4	DPM_ITEM_UNIT_RATE	NUMBER	6	NULL

TABLE_NAME

DPM_SCHEDULE_AND_ZONE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_SCHEDULE_NUMBER	NUMBER	1	NOT NULL
2	DPM_ZONE	CHAR	2	NOT NULL
3	DPM_CONTRACT_NUMBER	CHAR	20	NOT NULL
4	PRIMARY_ALTERNATE_RANK	CHAR	1	NULL
5	CONTRACT_GUAR_DAILY_CAPABILITY	NUMBER	7	NULL

TABLE_NAME

DPM_SCHEDULE_ITEM

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_ITEM_NUMBER	CHAR	9	NOT NULL
2	DPM_SCHEDULE_NUMBER	NUMBER	1	NOT NULL
3	DPM_ITEM_DESCRIPTION	CHAR	50	NULL
4	DPM_ITEM_UNIT	CHAR	15	NULL

TABLE_NAME

DPM_SERVICE_ORDER

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_CONTROL_NUMBER	CHAR	7	NOT NULL
2	DPM_ITEM_NUMBER	CHAR	9	NOT NULL
3	DATE_TO_BE_PERFORMED	DATE	7	NOT NULL
4	NUMBER_OF_UNITS_ORDERED	NUMBER	5	NULL
5	DATE_ORDER_PLACED	DATE	7	NULL
6	TIME_ORDER_PLACED	CHAR	4	NULL
7	REPRESENTATIVE_CONTACTED	CHAR	15	NULL
8	ORDER_PLACED_BY	CHAR	30	NULL
9	NUMBER_OF_UNITS_PERFORMED	NUMBER	5	NULL
10	DATE_PERFORMED	DATE	7	NULL
11	DATE_APPROVED_FOR_PAYMENT	DATE	7	NULL
12	DATE_INVOICE_PRINTED	DATE	7	NULL
13	DATE_CONF_NOTICE_PRINTED	DATE	7	NULL

TABLE_NAME

DPM_SHIPMENT_REFUSAL

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	DPM_CONTRACT_NUMBER	CHAR	20	NOT NULL
5	DATE_REFUSED	DATE	7	NULL
6	WEIGHT_REFUSED	NUMBER	5	NULL
7	DPM_ZONE	CHAR	2	NULL
8	DPM_REFUSAL_CODE	CHAR	2	NULL

TABLE_NAME

DPM_TEMP_STORAGE_FACILITY

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_CONTRACTOR_CODE	CHAR	5	NOT NULL
2	STORAGE_FACILITY_ID	CHAR	4	NOT NULL
3	FACILITY_STATUS_CODE	CHAR	4	NULL
4	FACILITY_LAST_INSPECTION_DATE	DATE	7	NULL
5	FACILITY_INSPECTION_REMARKS	CHAR	150	NULL

TABLE_NAME

INTL_ADDL_SERVICE_ITEM

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_SOL_NUMBER_AND_MOD	CHAR	7	NOT NULL
2	HHG_UB_INDICATOR	CHAR	1	NULL
3	ADDL_SERVICE_ITEM_NUMBER	CHAR	4	NOT NULL
4	ADDL_SERVICE_ITEM_DESC	CHAR	30	NOT NULL
5	ADDL_SERVICE_ITEM_UNIT	CHAR	15	NULL
6	STATE_ABBREVIATION	CHAR	2	NOT NULL
7	RATE_OR_CHARGE	NUMBER	7	NULL
8	LOW_BREAKPOINT_WEIGHT	NUMBER	5	NULL
9	HIGH_BREAKPOINT_WEIGHT	NUMBER	5	NULL
10	MIN_WEIGHT_FOR_RATE	NUMBER	5	NULL
11	APPLIES_TO_DPM	CHAR	1	NULL

TABLE_NAME

SHIPMENT_CLEARING

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	SPLIT_PORTION_NUMBER	NUMBER	1	NOT NULL
5	SHIPMENT_ARRIVAL_DATE	DATE	7	NULL
6	SHIPMENT_ARRIVAL_TIME	CHAR	4	NULL
7	AGENT_CONTRACTOR_REP	CHAR	15	NULL
8	WAITING_TIME_AUTHORIZED	CHAR	1	NULL
9	FIRST_AVAILABLE_DEL_DATE	DATE	7	NULL
10	FIRST_AVAILABLE_DEL_TIME	CHAR	4	NULL
11	MBR_AGENT_CONTACT_DATE	DATE	7	NULL
12	MBR_AGENT_CONTACT_TIME	CHAR	4	NULL
13	INBOUND_CLERK_ID	CHAR	30	NULL
14	MEMBER_INSTRUCTIONS	CHAR	150	NULL

TABLE_NAME

SHIPMENT_DELIVERY

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	SPLIT_PORTION_NUMBER	NUMBER	1	NOT NULL
5	SHIPMENT_DELIVERY_NUMBER	NUMBER	1	NOT NULL
6	DATE_TO_BE_DELIVERED	DATE	7	NULL
7	TIME_TO_BE_DELIVERED	CHAR	4	NULL
8	DATE_ORDER_PLACED	DATE	7	NULL
9	TIME_ORDER_PLACED	CHAR	4	NULL
10	REPRESENTATIVE_CONTACTED	CHAR	15	NULL
11	ORDER_PLACED_BY	CHAR	30	NULL
12	DATE_DELIVERY_PERFORMED	DATE	7	NULL
13	DELIVERY_WEIGHT	NUMBER	5	NULL
14	ATTEMPTED_DELIVERY_DATE	DATE	7	NULL

TABLE_NAME

 SHIPMENT_DELIVERY (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
15	ATTEMPTED_DELIVERY_REMARK	CHAR	150	NULL
16	PREFERRED_DELIVERY_DATE	DATE	7	NULL
17	PREFERRED_DELIVERY_TIME	CHAR	4	NULL
18	DELIVER_TO_PRIM_OR_ADDL_ADDR	CHAR	1	NULL
19	DELIVERY_INSTRUCTIONS	CHAR	150	NULL
20	IS_DELIVERY_FROM_STORAGE	CHAR	1	NULL
21	DELIVERY_FROM_STG_MILEAGE	NUMBER	4	NULL
22	IS_THIS_A_PARTIAL_DELIVERY	CHAR	1	NULL
23	INVENTORY_ITEM_NUMBERS	CHAR	50	NULL

TABLE_NAME

 SHIPMENT_REWEIGH

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	REWEIGH_NUMBER	CHAR	6	NOT NULL
2	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
3	ORDERS_NUMBER	CHAR	10	NOT NULL
4	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
5	SPLIT_PORTION_NUMBER	NUMBER	1	NOT NULL
6	REASON_FOR_REWEIGH	CHAR	30	NULL
7	DATE_REWEIGH_PERFORMED	DATE	7	NULL
8	REWEIGH_GROSS_WEIGHT	NUMBER	5	NULL
9	REWEIGH_NET_WEIGHT	NUMBER	5	NULL
10	REWEIGH_TARE_WEIGHT	NUMBER	5	NULL
11	REWEIGH_WITNESSED	CHAR	1	NULL
12	REWEIGH_REMARKS	CHAR	150	NULL
13	DATE_REWEIGH_MSG_SENT_ORIGIN	DATE	7	NULL
14	REWEIGH_AT_ORIGIN_OR_DEST	CHAR	1	NULL

TABLE_NAME

SHIPMENT_SIT_TEMPORARY_STORAGE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	SPLIT_PORTION_NUMBER	NUMBER	1	NOT NULL
5	SIT_CONTROL_NUMBER	CHAR	7	NULL
6	DPM_CONTROL_NUMBER	CHAR	7	NULL
7	STORAGE_FACILITY_ID	CHAR	4	NULL
8	DATE_PLACED_IN_STORAGE	DATE	7	NULL
9	DATE_REMOVED_FROM_STORAGE	DATE	7	NULL
10	STORAGE_EXPIRATION_DATE	DATE	7	NULL
11	STORAGE_EXTENSION_AUTH_DATE	DATE	7	NULL
12	STORAGE_EXTENSION_AUTHORITY	CHAR	30	NULL
13	STORAGE_EXTENSION_REASON	CHAR	150	NULL
14	STG_EXTENSION_EXPIRATION_DATE	DATE	7	NULL
15	DATE_STG_EXPIR_NOTICE_PRINT	DATE	7	NULL
16	STORAGE_TERMINATION_DATE	DATE	7	NULL
17	DATE_EXPENSE_CONV_NOTICE_PRINT	DATE	7	NULL

TABLE_NAME

SPLIT_PORTION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	SPLIT_PORTION_NUMBER	NUMBER	1	NOT NULL
5	SPLIT_PORTION_STATUS	CHAR	2	NULL
6	SPLIT_PORTION_STATUS_DATE	DATE	7	NULL
7	SPLIT_PORTION_CUBE	NUMBER	6	NULL
8	SPLIT_PORTION_NO_OF_PIECES	NUMBER	2	NULL
9	SPLIT_PORTION_ORIGIN_GROSS_WT	NUMBER	5	NULL
10	SPLIT_PORTION_ORIGIN_NET_WT	NUMBER	5	NULL
11	SIT_CONTROL_NUMBER	CHAR	7	NULL
12	REWEIGH_NUMBER	CHAR	6	NULL
13	DPM_CONTROL_NUMBER	CHAR	7	NULL

TABLE_NAME

TRACER_REQUEST

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	TRACER_REQUEST_NUMBER	NUMBER	2	NOT NULL
5	TYPE_OF_TRACER_MESSAGE	CHAR	1	NULL
6	TRACER_REQUEST_DATE	DATE	7	NULL
7	TRACER_REQUEST_TIME	CHAR	4	NULL
8	TRACER_REQUEST_REMARK	CHAR	150	NULL

TABLE_NAME

TRACER_ADDRESSEE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	TRACER_ADDRESSEE_NUMBER	NUMBER	2	NOT NULL
5	TYPE_OF_ADDRESSEE	CHAR	1	NULL
6	ADDRESSEE_GBLOC	CHAR	4	NULL
7	ADDRESSEE_CARRIER_CODE	CHAR	4	NULL
8	ADDRESSEE_NAME	CHAR	36	NULL
9	ADDRESSEE_TELEX	CHAR	17	NULL
10	ADDRESSEE_STREET	CHAR	49	NULL
11	ADDRESSEE_CITY	CHAR	25	NULL
12	ADDRESSEE_STATE	CHAR	2	NULL
13	ADDRESSEE_ZIP_APO_FPO	CHAR	17	NULL
14	ADDRESSEE_COUNTRY	CHAR	20	NULL
15	DATE_SHIPMT_REC'D_MSG_SENT	DATE	7	NULL

TABLE_NAME

TRACER_RESPONSE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	TRACER_RESPONSE_NUMBER	NUMBER	2	NOT NULL
5	RESPONSE_SOURCE	CHAR	30	NULL
6	DATE_RESPONSE_RECEIVED	DATE	7	NULL
7	TIME_RESPONSE_RECEIVED	CHAR	4	NULL
8	DATE_INFORMATION_EXPECTED	DATE	7	NULL
9	TIME_INFORMATION_EXPECTED	CHAR	4	NULL
10	INFORMATION_NOT_AVAILABLE	CHAR	1	NULL
11	SHIPMENT_LOCATION	CHAR	50	NULL
12	SHIPMENT_EST_ARRIVAL_DATE	DATE	7	NULL

TABLE_NAME

TRACED_SHIPMENT_INFORMATION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	MANIFEST_NUMBER	CHAR	20	NULL
5	AIRWAY_BILL_NUMBER	CHAR	20	NULL
6	FREIGHT_NUMBER	CHAR	20	NULL
7	VESSEL_NUMBER	CHAR	20	NULL
8	VOYAGE_NUMBER	CHAR	20	NULL
9	PORT_OF_EMBARKATION	CHAR	4	NULL
10	PORT_OF_DEBARKATION	CHAR	4	NULL
11	TRACED_SHIPMENT_STATUS	CHAR	2	NULL
12	TRACED_SHIPMENT_STATUS_DATE	DATE	7	NULL

MODULE_NAME

NTS

TABLE_NAME

BASIC_ORDERING_AGREEMENT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	NTS_BOA_NUMBER	CHAR	20	NOT NULL
2	NTS_BOA_MOD_NUMBER	CHAR	6	NOT NULL
3	NTS_CONTRACTOR_CODE	CHAR	4	NOT NULL
4	BOA_MOD_USE_CODE	CHAR	2	NULL
5	WEIGHT_AWARDED	NUMBER	9	NULL
6	NTS_PACKING_RATE	NUMBER	5	NULL
7	NTS_UPRIGHT_WARDROBE_RATE	NUMBER	5	NULL
8	NTS_HIGH_VALUE_ITEM_RATE	NUMBER	5	NULL
9	NTS_HANDLING_IN_RATE	NUMBER	7	NULL
10	NTS_STORAGE_RATE	NUMBER	5	NULL
11	NTS_HANDLING_OUT_RATE	NUMBER	5	NULL
12	NTS_UNPACKING_RATE	NUMBER	5	NULL
13	BOA_MOD_EFFECTIVE_DATE	DATE	7	NULL
14	BOA_MOD_EXPIRATION_DATE	DATE	7	NULL
15	NTS_BOA_MOD_STATUS_CODE	CHAR	2	NULL
16	NTS_BOA_MOD_STATUS_BEGIN_DATE	DATE	7	NULL

TABLE_NAME-----
BOA_RATES_BY_ZONE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	NTS_BOA_NUMBER	CHAR	20	NOT NULL
2	NTS_BOA_MOD_NUMBER	CHAR	6	NOT NULL
3	NTS_DRAYAGE_ZONE	CHAR	2	NOT NULL
4	NTS_DRAYAGE_IN_RATE	NUMBER	5	NULL
5	NTS_DRAYAGE_OUT_RATE	NUMBER	5	NULL

TABLE_NAME

NON_TEMPORARY_STORAGE_FACILITY

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	NTS_CONTRACTOR_CODE	CHAR	4	NOT NULL
2	STORAGE_FACILITY_ID	CHAR	4	NOT NULL
3	STORAGE_FACILITY_MAX_WEIGHT	NUMBER	9	NULL
4	FACILITY_STATUS_CODE	CHAR	4	NULL
5	FACILITY_STATUS_REMARKS	CHAR	150	NULL
6	FACILITY_STATUS_SUSPENSE_DATE	DATE	7	NULL
7	FACILITY_LAST_INSPECTION_DATE	DATE	7	NULL
8	FACILITY_INSPECTION_REMARKS	CHAR	150	NULL

TABLE_NAME

NTS_CONTRACTOR

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	NTS_CONTRACTOR_CODE	CHAR	4	NOT NULL
2	NTS_CONTRACTOR_NAME	CHAR	36	NULL
3	NTS_CONTRACTOR_ADDRESS_STREET	CHAR	49	NULL
4	NTS_CONTRACTOR_ADDRESS_CITY	CHAR	25	NULL
5	NTS_CONTRACTOR_ADDRESS_STATE	CHAR	2	NULL
6	NTS_CONTRACTOR_ADDRESS_ZIP	CHAR	10	NULL
7	NTS_CONTRACTOR_PHONE_NUMBER	CHAR	12	NULL
8	NTS_INVOICE_ADDRESS_STREET	CHAR	49	NULL
9	NTS_INVOICE_ADDRESS_CITY	CHAR	25	NULL
10	NTS_INVOICE_ADDRESS_STATE	CHAR	2	NULL
11	NTS_INVOICE_ADDRESS_ZIP	CHAR	10	NULL
12	CONTR_BUSINESS_CATEGORY_CODE	CHAR	2	NULL
13	CONTR_LOW_VOLUME_INDICATOR	CHAR	1	NULL

TABLE_NAME

NTS_QTRLY_BEGINNING_WT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	NTS_SERVICE_ORDER_NUMBER	CHAR	13	NOT NULL
2	DATE_THIS_RECORD_ENTERED	DATE	7	NOT NULL
3	NTS_BEGINNING_WT	NUMBER	5	NULL
4	STG_PERIOD_TO_BEGINNING_DATE	NUMBER	2	NULL

TABLE_NAME

NTS_QTRLY_REMOVAL_SUMMARY

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	NTS_SERVICE_ORDER_NUMBER	CHAR	13	NOT NULL
2	NTS_TRANSACTION_NUMBER	NUMBER	2	NOT NULL
3	NTS_TYPE_OF_TRANSACTION	CHAR	2	NULL
4	DATE_THIS_RECORD_ENTERED	DATE	7	NULL
5	WEIGHT_OUT_OF_NTS	NUMBER	5	NULL
6	NTS_QUARTERLY_STORAGE_CHARGE	NUMBER	7	NULL
7	NTS_HANDLE_OUT_CHARGE	NUMBER	7	NULL
8	NTS_UNPACKING_CHARGE	NUMBER	7	NULL
9	NTS_REHANDLING_CHARGE	NUMBER	7	NULL
10	NTS_DRAYAGE_CHARGE	NUMBER	7	NULL
11	NTS_REMOVAL_CHG_TO_ORIG_APPROP	NUMBER	7	NULL
12	NTS_REMOVAL_CHG_TO_NEW_APPROP	NUMBER	7	NULL

TABLE_NAME

NTS_SHIPMENT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	NTS_SERVICE_ORDER_NUMBER	CHAR	13	NULL
5	NTS_CONSTR_WT_USED_INDICATOR	CHAR	1	NULL
6	NTS_LOT_NUMBER	CHAR	6	NULL
7	NTS_RESPONSIBLE_GBLOC	CHAR	4	NULL
8	NTS_CONTRACTOR_CODE	CHAR	4	NULL
9	NUMBER_OF_MONTHS_NTS_AUTH	NUMBER	3	NULL
10	NTS_ENTITLEMT_EXPIRATION_DATE	DATE	7	NULL
11	PART_OF_DEPLOYMENT_INDICATOR	CHAR	1	NULL
12	NTS_PENDING_OVERSEAS_SHIPMENT	CHAR	1	NULL
13	ESTIMATED_PERIOD_OF_NTS	NUMBER	3	NULL
14	NTS_PRO_GEAR_AUTHORIZED	CHAR	1	NULL
15	ESTIMATED_NTS_REMOVAL_DATE	DATE	7	NULL
16	NTS_BOA_NUMBER	CHAR	20	NULL
17	NTS_BOA_MOD_NUMBER	CHAR	6	NULL
18	CURRENT_NTS_STORED_WT	NUMBER	9	NULL
19	CURRENT_NTS_PRO_GEAR_WT	NUMBER	5	NULL
20	STORAGE_FACILITY_ID	CHAR	4	NULL
21	NTS_FEDERAL_AGENCY	CHAR	2	NULL
22	NTS_APPROPRIATION_IDENT_CODE	CHAR	3	NULL
23	NEW_APPROPRIATION_IDENT_CODE	CHAR	3	NULL
24	DATE_NEW_APPROP_EFFECTIVE	DATE	7	NULL
25	STG_PERIOD_BEFORE_NEW_APPROP	NUMBER	2	NULL
26	NTS_EXTENSION_AUTHORITY	CHAR	30	NULL
27	NTS_EXTENSION_REASON	CHAR	150	NULL
28	DATE_NTS_EXTENSION_AUTHORIZED	DATE	7	NULL
29	OLD_NTS_SERVICE_ORDER_NUMBER	CHAR	16	NULL
30	DATE_QTRLY_STG_INVOICE_PRINTED	DATE	7	NULL
31	MBR_PERMANENT_ADDR_STREET	CHAR	49	NULL
32	MBR_PERMANENT_ADDR_CITY	CHAR	25	NULL
33	MBR_PERMANENT_ADDR_STATE	CHAR	2	NULL
34	MBR_PERMANENT_ADDR_ZIP_APO_FPO	CHAR	17	NULL
35	MBR_PERMANENT_ADDR_PHONE	CHAR	15	NULL
36	MBR_PERM_ADDR_CARE_OF_NAME	CHAR	30	NULL
37	MBR_PERMANENT_ADDR_COUNTRY	CHAR	20	NULL
38	DATE_CONVERTED_TO_MBR_EXPENSE	DATE	7	NULL
39	MINIMUM_WEIGHT_VALUE	NUMBER	3	NULL
40	DATE_NTS_EXPIR_LETTER1_PRINTED	DATE	7	NULL
41	DATE_NTS_EXPIR_LETTER2_PRINTED	DATE	7	NULL
42	OLD_BOA_NUMBER	CHAR	20	NULL
43	OLD_BOA_MOD_NUMBER	CHAR	6	NULL

TABLE_NAME

NTS_SHIPMENT_REFUSAL

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	CONTRACTOR_REPRESENTATIVE	CHAR	15	NULL
5	NTS_BOA_NUMBER	CHAR	20	NOT NULL
6	NTS_BOA_MOD_NUMBER	CHAR	6	NOT NULL
7	NTS_SHIPMENT_REFUSAL_CODE	CHAR	2	NULL
8	NTS_SHIPMENT_REFUSAL_REMARKS	CHAR	150	NULL
9	NTS_WEIGHT_REFUSED	NUMBER	6	NULL
10	NTS_CONTRACTOR_CODE	CHAR	4	NULL
11	NTS_DATE_REFUSED	DATE	7	NULL
12	NTS_EST_COST_DIFFERENCE	NUMBER	7	NULL

TABLE_NAME

NTS_TRANSACTION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	NTS_SERVICE_ORDER_NUMBER	CHAR	13	NULL
5	NTS_TRANSACTION_NUMBER	NUMBER	2	NULL
6	NTS_TYPE_OF_TRANSACTION	CHAR	2	NULL
7	IS_TRANSACTION_BOOKED	CHAR	1	NULL
8	NTS_DRAYAGE_ZONE	CHAR	2	NULL
9	NTS_DRAYAGE_REQUIRED	CHAR	1	NULL
10	NTS_PACKING_REQUIRED	CHAR	1	NULL
11	NTS_UNPACKING_REQUIRED	CHAR	1	NULL
12	NTS_REHANDLING_REQUIRED	CHAR	1	NULL
13	NTS_UPRIGHT_WARDROBES_AUTH	CHAR	1	NULL
14	NTS_NO_OF_UPRIGHT_WARDROBES	NUMBER	2	NULL
15	NTS_NO_OF_CARTONS_HIGH_VALUE	NUMBER	2	NULL
16	NTS_INVENTORY_ITEM_NUMBERS	CHAR	25	NULL

TABLE_NAME

NTS_TRANSACTION (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
17	NTS_TRANSACTION_ESTIMATED_COST	NUMBER	9	NULL
18	DATE_NTS_TRANSACTION_BOOKED	DATE	7	NULL
19	DATE_NTS_TRANSACTION_PERFORMED	DATE	7	NULL
20	DATE_NTS_TRANS_INVOICE_PRINTED	DATE	7	NULL
21	CONTRACTOR_REPRESENTATIVE	CHAR	15	NULL
22	DATE_NTS_RECEIPTS_RECEIVED	DATE	7	NULL
23	RESULTING_STORED_WT	NUMBER	9	NULL
24	RESULTING_PRO_GEAR_WT	NUMBER	5	NULL
25	DATE_NTS_TRANS_TO_BE_PERFORMED	DATE	7	NULL
26	NTS_WEIGHT_HANDLED_IN	NUMBER	9	NULL
27	STORAGE_PERIOD_AFTER_HANDLE_IN	NUMBER	3	NULL
28	NTS_WEIGHT_REMOVED	NUMBER	6	NULL
29	NTS_PRO_GEAR_WEIGHT_REMOVED	NUMBER	5	NULL
30	NTS_EST_WEIGHT_REHANDLED	NUMBER	5	NULL
31	NTS_WEIGHT_REHANDLED	NUMBER	5	NULL
32	STORAGE_PERIOD_BEFORE_REMOVAL	NUMBER	3	NULL
33	NTS_SPECIAL_TRANSACTION_CODE	CHAR	2	NULL
34	NTS_HANDLING_IN_REQUIRED	CHAR	1	NULL
35	DATE_NTS_TRANS_DD1164_PRINTED	DATE	7	NULL
36	CONTR_UNABLE_TO_PERFRM_DRAYAGE	CHAR	1	NULL

TABLE_NAME

NTS_SERV_ORD_REMARK

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	NTS_SERVICE_ORDER_NUMBER	CHAR	13	NOT NULL
2	NTS_TRANSACTION_NUMBER	NUMBER	2	NOT NULL
3	NTS_SERV_ORD_REMARK_NUMBER	NUMBER	2	NOT NULL
4	NTS_SERVICE_ORDER_REMARK_CODE	CHAR	2	NULL
5	NTS_SERVICE_ORDER_ADDL_REMARK	CHAR	150	NULL

MODULE_NAME

QA

TABLE_NAME

DPM_ACCEPT_REJECT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	SAMPLE_SIZE_MINIMUM	NUMBER	4	NOT NULL
2	SAMPLE_SIZE_MAXIMUM	NUMBER	5	NOT NULL
3	ACCEPTABLE_QUALITY_LEVEL	NUMBER	4	NOT NULL
4	ACCEPT_REJECT_NUMBER	NUMBER	2	NULL

TABLE_NAME

DPM_CONTRACT_DISCREP_REPORT

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CDR_NUMBER	CHAR	7	NOT NULL
2	CDR_PREPARATION_DATE	DATE	7	NULL
3	DPM_CONTROL_NUMBER	CHAR	7	NULL
4	DPM_CONTRACT_NUMBER	CHAR	20	NULL
5	DPM_SCHEDULE_NUMBER	NUMBER	1	NULL
6	DPM_ZONE	CHAR	2	NULL
7	REQUIRED_SERVICE_NUMBER	CHAR	2	NULL
8	CONTRACT_PARAGRAPH_NUMBER	CHAR	15	NULL
9	ADVISORY_ONLY_INDICATOR	CHAR	1	NULL
10	CDR_OVERRIDE_INDICATOR	CHAR	1	NULL
11	CDR_OVERRIDE_REMARK	CHAR	70	NULL
12	QA_EVALUATOR	CHAR	15	NULL

TABLE_NAME

DPM_INSPECTION_SCHEDULE_BASIS

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_SCHEDULE_NUMBER	CHAR	1	NOT NULL
2	DPM_ZONE	CHAR	2	NOT NULL
3	DPM_CONTRACT_NUMBER	CHAR	20	NOT NULL
4	MONTH_ABBREVIATION	CHAR	3	NOT NULL
5	YEAR	NUMBER	2	NOT NULL
6	NUMBER_OF_SHIPMENTS_EXPECTED	NUMBER	3	NULL
7	SAMPLE_STATUS	CHAR	1	NULL
8	NUMBER_OF_INSPECTIONS_REQUIRED	NUMBER	3	NULL
9	NUMBER_OF_TIME_PERIODS_AVAIL	NUMBER	2	NULL
10	MAX_DAILY_OVERDRAW_INSPECTIONS	NUMBER	2	NULL

TABLE_NAME

DPM_INSPECTION_SCHEDULE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_SCHEDULE_NUMBER	NUMBER	1	NOT NULL
2	DPM_ZONE	CHAR	2	NOT NULL
3	DPM_CONTRACT_NUMBER	CHAR	20	NOT NULL
4	MONTH_ABBREVIATION	CHAR	3	NOT NULL
5	YEAR	NUMBER	2	NOT NULL
6	DAY_NUMBER	NUMBER	2	NULL
7	TIME_PERIOD_AM_PM	CHAR	2	NULL
8	TIME_PERIOD_NUMBER	NUMBER	2	NOT NULL
9	REQUIRED_INSPECTIONS	NUMBER	3	NULL
10	OVERDRAW_NUMBER	NUMBER	2	NULL

TABLE_NAME

DPM_LOT_TO_SAMPLE_SIZE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	LOT_SIZE_MINIMUM	NUMBER	5	NOT NULL
2	LOT_SIZE_MAXIMUM	NUMBER	5	NOT NULL
3	NORMAL_SAMPLE_SIZE	NUMBER	3	NOT NULL
4	MEDIUM_SAMPLE_SIZE	NUMBER	2	NOT NULL
5	SMALL_SAMPLE_SIZE	NUMBER	2	NOT NULL

TABLE_NAME

DPM_NON_SAMPLED_ITEM_DESC

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_SCHEDULE_NUMBER	NUMBER	1	NOT NULL
2	NON_SAMPLED_ITEM_NUMBER	NUMBER	1	NOT NULL
3	NON_SAMPLED_ITEM_DESCRIPTION	CHAR	50	NOT NULL
4	REQUIRED_SERVICE_NUMBER	NUMBER	2	NULL

TABLE_NAME

DPM_NON_SAMPLED_SURVEILLANCE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_CONTRACT_NUMBER	CHAR	20	NOT NULL
2	DPM_SCHEDULE_NUMBER	NUMBER	1	NOT NULL
3	DPM_ZONE	CHAR	2	NOT NULL
4	NON_SAMPLED_ITEM_NUMBER	NUMBER	1	NOT NULL
5	COMPLIANCE	CHAR	1	NULL
6	DATE_SURVEYED	DATE	7	NOT NULL

TABLE_NAME

DPM_REQUIRED_SERVICE

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_SCHEDULE_NUMBER	NUMBER	1	NOT NULL
2	REQUIRED_SERVICE_NUMBER	NUMBER	2	NOT NULL
3	REQUIRED_SERVICE_DESCRIPTION	CHAR	50	NOT NULL
4	ACCEPTABLE_QUALITY_LEVEL	NUMBER	4	NOT NULL
5	MAXIMUM_PERCENTAGE_OF_PAYMENT	NUMBER	3	NOT NULL
6	SAMPLED_OR_NON_SAMPLED	CHAR	1	NOT NULL

TABLE_NAME

DPM_REQUIRED_SERVICE_TALLY_RIP

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_CONTRACT_NUMBER	CHAR	20	NOT NULL
2	DPM_SCHEDULE_NUMBER	NUMBER	1	NOT NULL
3	DPM_ZONE	CHAR	2	NOT NULL
4	EVALUATION_MONTH	CHAR	3	NOT NULL
5	YEAR	NUMBER	2	NOT NULL
6	REQUIRED_SERVICE_NUMBER	CHAR	2	NOT NULL
7	NUMBER_OF_DEFECTS	NUMBER	2	NULL
8	MAXIMUM_POSSIBLE_PAYMENT	NUMBER	7	NULL
9	REDUCTION_IN_PAYMENT	NUMBER	7	NULL

TABLE_NAME

DPM_SAMPLED_ITEM_DESCRIPTION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_SCHEDULE_NUMBER	NUMBER	1	NOT NULL
2	INSPECTION_ITEM_NUMBER	NUMBER	2	NOT NULL
3	INSPECTION_ITEM_DESCRIPTION	CHAR	50	NOT NULL
4	REQUIRED_SERVICE_NUMBER	NUMBER	2	NOT NULL

TABLE_NAME

DPM_SCHEDULE_HISTORIC_DATA

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_SCHEDULE_NUMBER	NUMBER	1	NOT NULL
2	DPM_ZONE	CHAR	2	NOT NULL
3	HISTORIC_YEAR	NUMBER	4	NOT NULL
4	HISTORIC_MONTH_ABBREVIATION	CHAR	3	NOT NULL
5	HISTORIC_NUMBER_OF_SHIPMENTS	NUMBER	4	NULL
6	HISTORIC_SHIPMENT_TONNAGE	NUMBER	6	NULL

TABLE_NAME

DPM_SHIPMENT_EVALUATION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_CONTROL_NUMBER	CHAR	7	NOT NULL
2	MISSED_PICKUP_DATE	CHAR	1	NULL
3	FAILED_TO_MEET_RDD_BY_DAYS	NUMBER	3	NULL
4	ESTIMATED_LOSS_DAMAGE_CODE	CHAR	1	NULL
5	MEMBER_SATISFIED	CHAR	1	NULL

TABLE_NAME

DPM_SHIPMT_INSPECT_SCHED_III

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_CONTROL_NUMBER	CHAR	7	NOT NULL
2	DPM_CONTRACT_NUMBER	CHAR	20	NOT NULL
3	DPM_ZONE	CHAR	2	NOT NULL
4	INSPECTN_REQUIRED_OR_OVERDRAFT	CHAR	1	NULL
5	INSPECTION_LOCATION	CHAR	15	NULL
6	INSPECTION_DATE	DATE	7	NULL
7	INSPECTION_TIME_PERIOD	CHAR	2	NULL
8	INSPECTION_ITEM_1	CHAR	2	NULL
9	INSPECTION_ITEM_2	CHAR	2	NULL
10	INSPECTION_ITEM_3	CHAR	2	NULL
11	INSPECTION_ITEM_4	CHAR	2	NULL
12	INSPECTION_ITEM_5	CHAR	2	NULL
13	INSPECTION_ITEM_6	CHAR	2	NULL
14	INSPECTION_ITEM_7	CHAR	2	NULL
15	INSPECTION_ITEM_8	CHAR	2	NULL
16	INSPECTION_ITEM_9	CHAR	2	NULL
17	INSPECTION_ITEM_10	CHAR	2	NULL
18	INSPECTION_ITEM_11	CHAR	2	NULL
19	INSPECTION_ITEM_12	CHAR	2	NULL
20	INSPECTION_ITEM_13	CHAR	2	NULL
21	INSPECTION_ITEM_14	CHAR	2	NULL
22	INSPECTION_ITEM_15	CHAR	2	NULL
23	INSPECTION_ITEM_16	CHAR	2	NULL
24	INSPECTION_ITEM_17	CHAR	2	NULL
25	INSPECTION_ITEM_18	CHAR	2	NULL
26	INSPECTION_REMARKS	CHAR	150	NULL
27	INSPECTOR_NAME	CHAR	15	NULL

TABLE_NAME

DPM_SHIPMT_INSPECT_SCHED_II

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_CONTROL_NUMBER	CHAR	7	NOT NULL
2	DPM_CONTRACT_NUMBER	CHAR	20	NOT NULL
3	DPM_ZONE	CHAR	2	NOT NULL

TABLE_NAME

 DPM_SHIPMT_INSPECT_SCHED_II (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
4	INSPECTN_REQUIRED_OR_OVERDRAFT	CHAR	1	NULL
5	INSPECTION_LOCATION	CHAR	15	NULL
6	INSPECTION_DATE	DATE	7	NULL
7	INSPECTION_TIME_PERIOD	CHAR	2	NULL
8	INSPECTION_ITEM_1	CHAR	2	NULL
9	INSPECTION_ITEM_2	CHAR	2	NULL
10	INSPECTION_ITEM_3	CHAR	2	NULL
11	INSPECTION_ITEM_4	CHAR	2	NULL
12	INSPECTION_ITEM_5	CHAR	2	NULL
13	INSPECTION_ITEM_6	CHAR	2	NULL
14	INSPECTION_ITEM_7	CHAR	2	NULL
15	INSPECTION_ITEM_8	CHAR	2	NULL
16	INSPECTION_ITEM_9	CHAR	2	NULL
17	INSPECTION_ITEM_10	CHAR	2	NULL
18	INSPECTION_ITEM_11	CHAR	2	NULL
19	INSPECTION_REMARKS	CHAR	150	NULL
20	INSPECTOR_NAME	CHAR	15	NULL

TABLE_NAME

 DPM_SHIPMT_INSPECT_SCHED_I

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_CONTROL_NUMBER	CHAR	7	NOT NULL
2	DPM_CONTRACT_NUMBER	CHAR	20	NOT NULL
3	DPM_ZONE	CHAR	2	NOT NULL
4	INSPECTN_REQUIRED_OR_OVERDRAFT	CHAR	1	NULL
5	INSPECTION_LOCATION	CHAR	15	NULL
6	INSPECTION_DATE	DATE	7	NULL
7	INSPECTION_TIME_PERIOD	CHAR	2	NULL
8	INSPECTION_ITEM_1	CHAR	2	NULL
9	INSPECTION_ITEM_2	CHAR	2	NULL
10	INSPECTION_ITEM_3	CHAR	2	NULL

TABLE_NAME

DPM_SHIPMT_INSPECT_SCHED_I (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
11	INSPECTION_ITEM_4	CHAR	2	NULL
12	INSPECTION_ITEM_5	CHAR	2	NULL
13	INSPECTION_ITEM_6	CHAR	2	NULL
14	INSPECTION_ITEM_7	CHAR	2	NULL
15	INSPECTION_ITEM_8	CHAR	2	NULL
16	INSPECTION_ITEM_9	CHAR	2	NULL
17	INSPECTION_ITEM_10	CHAR	2	NULL
18	INSPECTION_ITEM_11	CHAR	2	NULL
19	INSPECTION_ITEM_12	CHAR	2	NULL
20	INSPECTION_ITEM_13	CHAR	2	NULL
21	INSPECTION_ITEM_14	CHAR	2	NULL
22	INSPECTION_ITEM_15	CHAR	2	NULL
23	INSPECTION_REMARKS	CHAR	150	NULL
24	INSPECTOR_NAME	CHAR	15	NULL

TABLE_NAME

DPM_TALLY_RIP_BASIS

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	DPM_CONTRACT_NUMBER	CHAR	20	NOT NULL
2	DPM_SCHEDULE_NUMBER	NUMBER	1	NOT NULL
3	DPM_ZONE	CHAR	2	NOT NULL
4	MONTH_ABBREVIATION	CHAR	3	NOT NULL
5	YEAR	NUMBER	2	NOT NULL
6	NUMBER_OF_SHIPMENTS	NUMBER	5	NULL
7	NO_OF_SHIPMENTS_INSPECTED	NUMBER	2	NULL

TABLE_NAME

DTGBL_QA_ACTION_LOG

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CARRIER_CODE	CHAR	4	NOT NULL
2	DTGBL_ORIGIN_ZONE	CHAR	2	NOT NULL
3	CODE_OF_SERVICE	CHAR	2	NOT NULL
4	QA_ACTION_CODE	CHAR	2	NOT NULL
5	QA_ACTION_EFFECTIVE_DATE	DATE	7	NOT NULL
6	QA_ACTION_END_DATE	DATE	7	NULL
7	QA_ACTION_LENGTH	NUMBER	3	NULL
8	QA_ACTION_INITIATED_BY	CHAR	4	NULL
9	QA_ACTION_REMARKS	CHAR	150	NULL
10	REINSTATEMENT_DATE	DATE	7	NULL
11	PENALTY_TONNAGE	NUMBER	6	NULL
12	REINSTATE_AT_ORIG_OR_HIGH_TON	CHAR	2	NULL
13	REASON_ACTION_NOT_TAKEN	CHAR	150	NULL
14	DATE_QA_ACTION_CANCELLED	DATE	7	NULL
15	DATE_POSTED_TO_TDR	DATE	7	NULL
16	SUSPENSION_REGULAR_OR_IMMED	CHAR	1	NULL

TABLE_NAME-----
DTGBL_CARRIER_EVALUATION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_CYCLE_NUMBER	CHAR	4	NOT NULL
2	CARRIER_CODE	CHAR	4	NOT NULL
3	DTGBL_ORIGIN_ZONE	CHAR	2	NOT NULL
4	CODE_OF_SERVICE	CHAR	2	NOT NULL
5	NO_OF_SHIPMENTS_PREVIOUS_CYCLE	NUMBER	3	NULL
6	AVERAGE_SHIPMENT_SCORE	NUMBER	5	NULL

TABLE_NAME

DTGBL_INSPECTION_ITEM_DESC

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	INSPECTION_ITEM_NUMBER	NUMBER	2	NOT NULL
2	INSPECTION_ITEM_DESCRIPTION	CHAR	60	NOT NULL

TABLE_NAME

DTGBL_SCORING_MATRIX

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MISSED_PICKUP	CHAR	1	NOT NULL
2	MISSED_RDD_MIN	NUMBER	2	NOT NULL
3	MISSED_RDD_MAX	NUMBER	3	NOT NULL
4	ESTIMATED_LOSS_DAMAGE_CODE	CHAR	1	NOT NULL
5	SHIPMENT_SCORE	NUMBER	3	NOT NULL

TABLE_NAME

DTGBL_SHIPMENT_EVALUATION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	GBL_NUMBER	CHAR	9	NOT NULL
2	MISSED_PICKUP_DATE	CHAR	1	NULL
3	FAILED_TO_MEET_RDD_BY_DAYS	NUMBER	3	NULL
4	ESTIMATED_LOSS_DAMAGE_CODE	CHAR	1	NULL
5	SHIPMENT_SCORE	NUMBER	5	NULL
6	SHIPMENT_UNDER_APPEAL	CHAR	1	NULL
7	MEMBER_SATISFIED	CHAR	1	NULL
8	DATE_DD2223_PRODUCED	DATE	7	NULL

TABLE_NAME

DTGBL_SHIPMENT_INSPECTION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	GBL_NUMBER	CHAR	9	NOT NULL
2	SPLIT_PORTION_NUMBER	NUMBER	1	NOT NULL
3	INSPECTION_AT_ORIGIN_OR_DEST	CHAR	1	NOT NULL
4	INSPECTION_DATE	DATE	7	NULL
5	INSPECTION_ITEM_1	CHAR	1	NULL
6	INSPECTION_ITEM_2	CHAR	1	NULL
7	INSPECTION_ITEM_3	CHAR	1	NULL
8	INSPECTION_ITEM_4	CHAR	1	NULL
9	INSPECTION_ITEM_5	CHAR	1	NULL
10	INSPECTION_ITEM_6	CHAR	1	NULL
11	INSPECTION_ITEM_7	CHAR	1	NULL
12	INSPECTION_ITEM_8	CHAR	1	NULL
13	INSPECTION_ITEM_9	CHAR	1	NULL
14	INSPECTION_ITEM_10	CHAR	1	NULL
15	INSPECTION_ITEM_11	CHAR	1	NULL
16	INSPECTION_ITEM_12	CHAR	1	NULL
17	INSPECTION_ITEM_13	CHAR	1	NULL
18	INSPECTION_ITEM_14	CHAR	1	NULL
19	INSPECTION_ITEM_15	CHAR	1	NULL
20	INSPECTION_ITEM_16	CHAR	1	NULL
21	INSPECTION_ITEM_17	CHAR	1	NULL
22	INSPECTION_ITEM_18	CHAR	1	NULL
23	INSPECTION_ITEM_19	CHAR	1	NULL
24	INSPECTION_REMARKS	CHAR	240	NULL
25	INSPECTOR_NAME	CHAR	15	NULL
26	WARNING_ISSUED	CHAR	1	NULL
27	DATE_WARNING_CANCELLED	DATE	7	NULL

TABLE_NAME

ITGBL_INSPECTION_ITEM_DESC

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	INSPECTION_ITEM_LETTER	CHAR	1	NOT NULL
2	INSPECTION_ITEM_DESCRIPTION	CHAR	60	NOT NULL

TABLE_NAME

ITGBL_SCORING_MATRIX

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MISSED_PICKUP	CHAR	1	NOT NULL
2	MISSED_RDD_MIN	NUMBER	3	NOT NULL
3	MISSED_RDD_MAX	NUMBER	3	NULL
4	ESTIMATED_LOSS_DAMAGE_MIN	NUMBER	7	NOT NULL
5	ESTIMATED_LOSS_DAMAGE_MAX	NUMBER	7	NULL
6	SHIPMENT_SCORE	NUMBER	3	NULL

TABLE_NAME

ITGBL_SHIPMENT_INSPECTION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	GBL_NUMBER	CHAR	9	NOT NULL
2	SPLIT_PORTION_NUMBER	NUMBER	1	NOT NULL
3	INSPECTION_AT_ORIGIN_OR_DEST	CHAR	1	NOT NULL
4	INSPECTION_DATE	DATE	7	NULL
5	INSPECTION_ITEM_A	CHAR	1	NULL
6	INSPECTION_ITEM_B	CHAR	1	NULL
7	INSPECTION_ITEM_C	CHAR	1	NULL
8	INSPECTION_ITEM_D	CHAR	1	NULL
9	INSPECTION_ITEM_E	CHAR	1	NULL
10	INSPECTION_ITEM_F	CHAR	1	NULL
11	INSPECTION_ITEM_G	CHAR	1	NULL
12	INSPECTION_ITEM_H	CHAR	1	NULL
13	INSPECTION_ITEM_I	CHAR	1	NULL
14	INSPECTION_ITEM_J	CHAR	1	NULL
15	INSPECTION_ITEM_K	CHAR	1	NULL
16	INSPECTION_ITEM_L	CHAR	1	NULL
17	INSPECTION_ITEM_M	CHAR	1	NULL
18	INSPECTION_ITEM_N	CHAR	1	NULL
19	INSPECTION_ITEM_O	CHAR	1	NULL
20	INSPECTION_ITEM_P	CHAR	1	NULL
21	INSPECTION_ITEM_Q	CHAR	1	NULL
22	INSPECTION_ITEM_R	CHAR	1	NULL

TABLE_NAME

ITGBL_SHIPMENT_INSPECTION (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
23	INSPECTION_ITEM_S	CHAR	1	NULL
24	INSPECTION_ITEM_T	CHAR	1	NULL
25	INSPECTION_ITEM_U	CHAR	1	NULL
26	INSPECTION_ITEM_V	CHAR	1	NULL
27	INSPECTION_ITEM_W	CHAR	1	NULL
28	INSPECTION_ITEM_X	CHAR	1	NULL
29	INSPECTION_ITEM_Y	CHAR	1	NULL
30	INSPECTION_REMARKS	CHAR	240	NULL
31	INSPECTOR_NAME	CHAR	15	NULL
32	WARNING_ISSUED	CHAR	1	NULL
33	DATE_WARNING_CANCELLED	DATE	7	NULL

TABLE_NAME-----
ITGBL_SHIPMENT_EVALUATION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	GBL_NUMBER	CHAR	9	NOT NULL
2	MISSED_PICKUP_DATE	CHAR	1	NULL
3	FAILED_TO_MEET_RDD_BY_DAYS	NUMBER	3	NULL
4	ESTIMATED_LOSS_DAMAGE_CODE	NUMBER	5	NULL
5	MEMBER_SATISFIED	CHAR	1	NULL
6	DATE_DD1780_PRODUCED	DATE	7	NULL
7	SHIPMENT_UNDER_APPEAL	CHAR	1	NULL
8	SHIPMENT_SCORE	NUMBER	5	NULL

TABLE_NAME

ITGBL_QA_ACTION_LOG

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	CARRIER_CODE	CHAR	4	NOT NULL
2	DESTINATION_RATE_AREA	CHAR	9	NOT NULL
3	CODE_OF_SERVICE	CHAR	2	NOT NULL
4	QA_ACTION_CODE	CHAR	2	NOT NULL
5	QA_ACTION_EFFECTIVE_DATE	DATE	7	NOT NULL
6	QA_ACTION_END_DATE	DATE	7	NULL
7	QA_ACTION_LENGTH	NUMBER	3	NULL
8	QA_ACTION_INITIATED_BY	CHAR	4	NULL
9	QA_ACTION_REMARKS	CHAR	150	NULL
10	VIOLATION_CORRECTED	CHAR	1	NULL
11	REINSTATEMENT_DATE	DATE	7	NULL
12	PENALTY_TONNAGE	NUMBER	6	NULL
13	REINSTATE_AT_ORIG_OR_HIGH_TON	CHAR	2	NULL
14	REASON_ACTION_NOT_TAKEN	CHAR	150	NULL
15	DATE_QA_ACTION_CANCELLED	DATE	7	NULL
16	DATE_POSTED_TO_TDR	DATE	7	NULL

TABLE_NAME-----
MEMBER_EVALUATION_ITEM_DESC

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_EVALUATION_ITEM_NUMBER	CHAR	2	NOT NULL
2	MEMBER_EVALUATION_ITEM_DESC	CHAR	50	NOT NULL

TABLE_NAME

 MEMBER_SHIPMENT_EVALUATION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	MEMBER_SOCIAL_SECURITY_NUMBER	CHAR	11	NOT NULL
2	ORDERS_NUMBER	CHAR	10	NOT NULL
3	SHIPMENT_NUMBER	NUMBER	2	NOT NULL
4	MEMBER_EVALUATION_DATE	DATE	7	NULL
5	MEMBER_EVALUATION_ITEM_1	CHAR	1	NULL
6	MEMBER_EVALUATION_ITEM_2	CHAR	1	NULL
7	MEMBER_EVALUATION_ITEM_3	CHAR	1	NULL
8	MEMBER_EVALUATION_ITEM_4	CHAR	1	NULL
9	MEMBER_EVALUATION_ITEM_5	CHAR	1	NULL
10	MEMBER_EVALUATION_ITEM_6	CHAR	1	NULL
11	MEMBER_EVALUATION_ITEM_7	CHAR	1	NULL
12	MEMBER_EVALUATION_ITEM_8	CHAR	1	NULL
13	MEMBER_EVALUATION_ITEM_9	CHAR	1	NULL
14	MEMBER_EVALUATION_ITEM_10	CHAR	1	NULL
15	MEMBER_EVALUATION_COMMENTS	CHAR	240	NULL
16	ESTIMATED_LOSS_DAMAGE_CODE	CHAR	1	NULL

TABLE_NAME

 NTS_SHIPMENT_INSPECTION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	NTS_SERVICE_ORDER_NUMBER	CHAR	13	NOT NULL
2	INSPECTION_AT_ORIGIN_OR_DEST	CHAR	1	NOT NULL
3	INSPECTION_DATE	DATE	7	NULL
4	INSPECTION_ITEM_A	CHAR	1	NULL
5	INSPECTION_ITEM_B	CHAR	1	NULL
6	INSPECTION_ITEM_C	CHAR	1	NULL
7	INSPECTION_ITEM_D	CHAR	1	NULL
8	INSPECTION_ITEM_E	CHAR	1	NULL
9	INSPECTION_ITEM_F	CHAR	1	NULL
10	INSPECTION_ITEM_G	CHAR	1	NULL
11	INSPECTION_ITEM_H	CHAR	1	NULL
12	INSPECTION_ITEM_I	CHAR	1	NULL

TABLE_NAME

NTS_SHIPMENT_INSPECTION (Continued)

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
13	INSPECTION_ITEM_J	CHAR	1	NULL
14	INSPECTION_ITEM_K	CHAR	1	NULL
15	INSPECTION_ITEM_L	CHAR	1	NULL
16	INSPECTION_ITEM_M	CHAR	1	NULL
17	INSPECTION_ITEM_N	CHAR	1	NULL
18	INSPECTION_ITEM_O	CHAR	1	NULL
19	INSPECTION_ITEM_P	CHAR	1	NULL
20	INSPECTION_ITEM_Q	CHAR	1	NULL
21	INSPECTION_ITEM_R	CHAR	1	NULL
22	INSPECTION_ITEM_S	CHAR	1	NULL
23	INSPECTION_ITEM_T	CHAR	1	NULL
24	INSPECTION_ITEM_U	CHAR	1	NULL
25	INSPECTION_ITEM_V	CHAR	1	NULL
26	INSPECTION_ITEM_W	CHAR	1	NULL
27	INSPECTION_ITEM_X	CHAR	1	NULL
28	INSPECTION_ITEM_Y	CHAR	1	NULL
29	INSPECTION_REMARKS	CHAR	240	NULL
30	INSPECTOR_NAME	CHAR	15	NULL
31	VIOLATION_NOTICE_ISSUED	CHAR	1	NULL

TABLE_NAME

NTS_SHIPMENT_EVALUATION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	NTS_SERVICE_ORDER_NUMBER	CHAR	13	NOT NULL
2	MISSED_PICKUP_DATE	CHAR	1	NULL
3	FAILED_TO_MEET_RDD_BY_DAYS	NUMBER	3	NULL
4	ESTIMATED_LOSS_DAMAGE_CODE	CHAR	1	NULL
5	MEMBER_SATISFIED	CHAR	1	NULL

TABLE_NAME

NTS_QA_ACTION_LOG

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	NTS_CONTRACTOR_CODE	CHAR	4	NOT NULL
2	NTS_BOA_NUMBER	CHAR	20	NOT NULL
3	NTS_BOA_MOD_NUMBER	CHAR	6	NOT NULL
4	QA_ACTION_CODE	CHAR	2	NOT NULL
5	QA_ACTION_EFFECTIVE_DATE	DATE	7	NOT NULL
6	QA_ACTION_INITIATED_BY	CHAR	4	NULL
7	NTS_SERVICE_ORDER_NUMBER	CHAR	13	NULL
8	QA_ACTION_REMARKS	CHAR	150	NULL
9	VIOLATION_CORRECTED	CHAR	1	NULL
10	REINSTATEMENT_DATE	DATE	7	NULL
11	REASON_ACTION_NOT_TAKEN	CHAR	150	NULL
12	DATE_QA_ACTION_CANCELLED	DATE	7	NULL

TABLE_NAME-----
NTS_INSPECTION_ITEM_DESC

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	INSPECTION_ITEM_LETTER	CHAR	1	NOT NULL
2	INSPECTION_ITEM_DESCRIPTION	CHAR	60	NOT NULL

TABLE_NAME

ITGBL_CARRIER_EVALUATION

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	RATE_CYCLE_NUMBER	CHAR	4	NOT NULL
2	CARRIER_CODE	CHAR	4	NOT NULL
3	CODE_OF_SERVICE	CHAR	2	NOT NULL
4	NO_OF_SHIPMENTS_PREVIOUS_CYCLE	NUMBER	3	NULL
5	AVERAGE_SHIPMENT_SCORE	NUMBER	5	NULL

TABLE_NAME

ITGBL_LOSS_DAMAGE_POINTS

COLNO	COLUMN_NAME	TYPE	WIDTH	NULLS
1	LOSS_DAMAGE_AMOUNT_MIN	NUMBER	7	NOT NULL
2	LOSS_DAMAGE_AMOUNT_MAX	NUMBER	7	NOT NULL
3	LOSS_DAMAGE_POINTS	NUMBER	3	NOT NULL

INTERNAL DISTRIBUTION

1.	Daniel M. Evans	16.	F. Southworth
2.	W. Fulkerson	17-21.	Martha Stevens
3.	R. T. Goeltz	22.	Scott Stevens
4.	J. L. Hardee	23.	J. R. Temple
5.	Glen Harrison	24.	Tykey Truett
6-7.	R. B. Honea	25.	David Voat
8.	H. L. Hwang	26.	A. H. Voelker
9.	K. L. Kannan	27.	Jesse C. Worthington
10.	J. O. Kolb	28.	ORNL Patent Office
11.	R. S. Loffman	29.	Central Research Library
12.	P. S. Meszaros	30.	Document Reference Section
13.	R. M. Rush	31-33.	Laboratory Records
14.	Mark Schoepfle	34.	Laboratory Records-Record Copy
15.	Angela K. Sexton		

EXTERNAL DISTRIBUTION

35. J. J. Cuttica, Vice President of Research and Development, Gas Research Institute, 8600 W. Bryn Mawr Avenue, Chicago, IL 60631
36. J. P. Kalt, Professor of Economics, Kennedy School of Government, Harvard University, 79 John F. Kennedy Street, Cambridge, MA 02138
37. D. E. Morrison, Professor of Sociology, Michigan State University, 201 Berkey Hall, East Lansing, MI 48824-11111
38. R. L. Perrine, Professor, Engineering and Applied Sciences, Civil Engineering Department, Engineering I, Room 2066, University of California, Los Angeles, CA 90024
- 39-43. Pam Hicks, HQ MTMC, ATTN: MT-TP, 5611 Columbia Pike, Falls Church, VA 22041-5050
44. Kevin Kraemer, Oracle Corporation, 20 Davis Drive, Belmont, CA 94002
45. Office of Assistant Manager for Energy Research and Development, DOE-ORO, Oak Ridge, TN 37830
- 46-55. OSTI, U. S. Department of Energy, P. O. Box 62, Oak Ridge, TN 37831

