CHAIRMAN OF THE JOINT CHIEFS OF STAFF MANUAL

Directive Current as of 15 December 2021

J-3 CJCSM 3150.24E
DISTRIBUTION: A, B, C, S 10 August 2018

TYPE UNIT CHARACTERISTICS REPORT (TUCHAREP)

References:

a. CJCSM 3150.01 series, "Joint Reporting Structure (JRS) General Instructions"

b. CJCSM 3150.16 series, "Joint Operation Planning and Execution System Reporting Structure (JOPESREP)"

c. DoD Manual 8910.1M, 30 June 1998, "DoD Procedures for Management of Information Requirements"

d. CJCSM 3150.17 series, "Type Unit Equipment Detail Report (TEDREP)"

1. Purpose. This manual prescribes reporting to support the Type Unit Characteristics (TUCHA) file. TUCHAREP is part of the JRS as described in references a and b, and is used for Joint Operation Planning and Execution System (JOPES) operations commensurate with Version 4.0 releases.

2. Superseded/Cancellation. CJCSM 3150.24D, 2 December 2013, is hereby superseded.

3. Applicability. This manual applies to all Combatant Commands, sub-unified commands, joint task forces, subordinate commands, the Services, and all others involved with TUCHA data.

4. Procedures

a. The Joint Staff will disseminate TUCHA information via the SECRET Internet Protocol Router Network (SIPRNET) and the JOPES strategic server enclaves.

b. Joint Staff-distributed TUCHA information is effective for use upon receipt unless otherwise specified.

c. TUCHA updates will be submitted quarterly, unless operational requirements dictate an immediate update submission. The Joint Staff has established a newsgroup on the SIPRNET to exchange functional information

concerning JOPES issues. The NMCC newsgroup is global and is named "gccs.jopes.fm" in the JOPES Newsgroups. All users are encouraged to describe any suspected problems or make requests for assistance relating to the reference files through the cited newsgroup or by direct contact with the office of primary responsibility, J-35 South, Deputy Directorate for Regional Operations and Force Management.

5. Reports Requirements. Reports required by this manual are exempt from normal reporting procedures in accordance with reference c.

6. Summary of Changes

a. The Service Definitions table of Unit Type Code Functional Category Codes was updated.

b. Various administrative corrections.

7. Releasability. UNRESTRICTED. This directive is approved for public release; distribution is unlimited on NIPRNET. DoD Components (to include the Combatant Commands), other Federal agencies, and the public, may obtain copies of this directive through the Internet from the CJCS Directives Library at: <http://www.jcs.mil/library>. Joint Staff activities may also obtain access via the SIPR Directives Electronic Library Web sites.

8. Effective Date. This manual is effective upon receipt.

For the Chairman of the Joint Chiefs of Staff:

KENNETH F. MCKENZIE, JR.
LtGen, U.S. Marine Corps
Director, Joint Staff

Enclosure
A -- Type Unit Characteristic Report Content

DISTRIBUTION

Distribution A, B, C plus the following:

	Copies
Secretary of Defense	2
Commandant of the Coast Guard	2
Chief, National Guard Bureau	2
Commander, U.S. Element, NORAD	2
Director, Central Intelligence Agency	2
Director, Federal Emergency Management Agency	2
Director, Joint Warfare Training Center	2
Commanding General, Marine Corps Combat Development Command	2
President, National Defense University	2
President, Joint Forces Staff College	2

"OPR for the subject directive has chosen electronic distribution to the above organizations via e-mail. The Joint Staff Information Management Division has responsibility for publishing the subject directive to the SIPRNET and NIPRNET Joint Electronic Library Web sites."

(INTENTIONALLY BLANK)

TABLE OF CONTENTS

(INTENTIONALLY BLANK)

ENCLOSURE A

TYPE UNIT CHARACTERISTIC REPORT CONTENT

1. Purpose. The TUCHA file is the DoD authoritative standard reference file for registration of military organizations by type and for use in compiling transportation data required for movement planning. An organization is defined as those things commonly called establishment, activity, unit, enterprise, institution, company, corporation, agency, bureau, office, group, or committee.

2. Submitted By

a. Each Service will submit TUCHAREP data for each of its organization types that require identification in JOPES and other data systems within the Department of Defense. Commander, Joint Communications Support Element (JCSE), will submit TUCHAREP data for JCSE. Other Joint commands may submit TUCHAREP data for special capabilities available for planning and execution.

b. TUCHAREP data will be submitted by unified commands and DoD agencies to request the registration of joint organizations.

c. The originator of TUCHAREP data is responsible for maintaining the currency and accuracy of data input to the Joint Staff database.

3. Submitted To. The prescribed reports will be submitted to the Joint Staff, J-35 South, Deputy Directorate for Regional Operations and Force Management, through the Defense Information Systems Agency (DISA), ATTN: Joint Staff Support Center (JSSC), Pentagon, Washington, D.C., 20310-7010.

4. When Submitted. Reporting organizations will update TUCHA data as required, but no later than quarterly by 20 March, 20 June, 20 September, and 20 December. TUCHAREP data are required when:

a. A new type of organization requiring identification in data systems is approved. Complete movement characteristics data must be submitted within 90 days of the effective date of unit registration.

b. Data associated with an existing unit is revised. TUCHAREP data must be submitted within 30 days of the effective date of revision.

c. A previously registered type organization is deleted from the approved force structure.

5. How Submitted

a. The TUCHAREP will contain only unclassified data.

b. Method of Transmission. TUCHAREP data will be transmitted as computer-readable American Standard Code for Information Interchange (ASCII) text to the DISA/JSSC for inclusion in the TUCHA database. The primary method of transmission is via SIPRNET file transfer protocol (SFTP) with alternate methods of submission via SIPRNET email.

c. Precedence. Should record message traffic transmission be employed, precedence during normal peacetime activity shall not exceed PRIORITY. During crisis action planning, urgent operational necessities may be transmitted with a precedence of IMMEDIATE.

d. Minimize. Should record message traffic transmission be employed, during normal peacetime activity MINIMIZE considerations shall be enforced. During crisis planning, record message transmission during MINIMIZE conditions is authorized.

6. Report Indicator. "TU" is the report identifier for the TUCHAREP.

7. Specific Reporting Instructions

a. Record Types. In addition to the standard JRS report header and end records, TUCHAREP consists of the following five detail records used to report the type unit data.

(1) Record Type A -- Unit Long Name.

(2) Record Type B -- Unit Attributes.

(3) Record Type F1 -- Passengers.

(4) Record Type F2 -- Cargo Category Summary.

(5) Record Type F3 -- Cargo Category Detail.

In addition to type unit description, each detail record begins with standard JRS information, as outlined in reference a. The A and B records contain data that uniquely identify the UTC, the F1 record provides information about UTC passengers and the number of cargo category codes, the F2 record contains UTC cargo category codes data, and the F3 record describes Level 4 UTC cargo detail items for the related F2 cargo category code.

b. Adding Records. Before establishing a record in the TUCHA file, the JRS control data elements and the major record control data element(s) must be correct. Thus, the file is organized by major record and, within the major record, by associated sub-records.

(1) Major Record Control Data Element. The major record control data element in the TUCHA file is the Unit Type Code (UTC). This data element must be accurate to add, change, or delete a record or to gain access to other data stored within that record.

(2) Sub-record Control Data Elements. For certain records in the TUCHA file, there are subordinate, recurring sub-records that are organized by their sub-record control data elements and are associated with the unit major record. For example, if there is more than one F2 record for the unit, the F2 sub-record control will be repeated for each F2 record for that unit. Thus, cargo category is known as the sub-record control data element for F2 records, since it identifies sets of data that may recur within a particular unit major record. The sub-record control data elements for the following records are as follows:

Sub-record	Sub-record Control Data Element
F2 Record	Cargo Category
F3 Record	Cargo Category, Item Identification Number

c. Changing and Deleting Records. Before changing data in records or deleting records from the file, the major record control data elements and the sub-record control data element(s) on the input record must match those of the record in the file.

d. Data Element Rules

(1) Numeric (N) Data. Data elements with N-type data must have a number in every character in the particular element. Numbers must always be right justified, with leading zeros. Leave data fields blank when data are unavailable, or not applicable, except when noted. Enter all 9s in the data field when data value exceeds the maximum number for the size of the data field.

(2) Alphabetic (A) Data. Data elements with A-type data must have letters only in the particular element. Alphabetic data are always entered left justified, with trailing blanks.

(3) Alphanumeric (A/N) Data. Data elements with A/N-type data (alphanumeric and special characters) must have letters, numbers, or special characters entered in the particular data element. Alphanumeric and special characters data are always entered left justified, with trailing blanks.

e. Reporting Detail Data Elements. The data originator is responsible for ensuring that detail data entered in the records is correct and corresponds to the format outlined in the report content of detail data elements.

f. Transaction Code. The transaction code is used to indicate what action is to be taken when processing the detail records. The codes allowed in TUCHAREP are A (add), C (change), and D (delete). Codes must be entered in record position 5.

(1) Add Transaction. This action adds data to the file and is used to create records. Record types A and B must be submitted together when adding a new unit record to the file. The F1, F2, and F3 records will follow the "A" and "B" records. If the F2REQ data element in the F1 record contains an integer of 1 or greater, the appropriate F2 records must follow the F1 record. If the F3REQ data element in the F2 record contains an integer of 1 or greater, the appropriate F3 records must follow the F2 record. (See matrices 1 through 5.)

(2) Change Transaction. This action replaces data in the file with data in the transaction. The record control data element(s) identifies the record to be changed. For F2 and F3 changes, the sub-record data elements must also be specified.

(3) Delete Transaction. Deletions remove data from the TUCHA file database. Deletions cannot be reactivated: UTCs canceled (by "B" record, field B-8/STATS) may be reactivated by resubmitting all data values to reconstitute the UTC. Major record control and sub-record control data elements must be included in the delete transaction. (See matrices).

g. Aggregation. Aggregation can occur on the F2 record type. Aggregation is the sum or roll-up of the totals for SQFT, MTONS, and STONS on all of the F3 records associated with the F2 record. For the aggregation to occur, the SQFT, MTONS, and STONS fields must all be blank on the F2 record type.
1.
8. Report Content

a. Report Header Record. It precedes the first detail record of each report. The header record identifies the originator, the database to be updated, and the report number. A summary of a JRS header record applicable to TUCHAREP is shown in Table 1.

DATA FIELD	ELEMENT NAME	DATA SIZE	TYPE DATA	RECORD POSITION
HDR-1	SEQUENCE NUMBER	3	N	1-3 (Value 001)
HDR-2	SECURITY CLASSIFICATION	1	A	4-4 (Value U)
HDR-3	BLANK	1	A/N	5-5 (Space)
HDR-4		1	A	6-6 (Value H)
HDR-5		2	A/N	7-8 (Space)
HDR-6		2	N	9-10 (DAY 01-31)
		2	N	11-12 (HOUR 00-24)
		2	N	13-14 (MIN 00-59)
		1	A	15-15 (Value Z)
		3	A	16-18 (JAN-DEC)
		2	N	19-20 (YEAR 00-99)
HDR-7	BLANK	49	A/N	21-69 (Space)
HDR-8	REPORT ORIGINATOR UIC	6	A/N	70-75
HDR-9	REPORT INDICATOR	2	A/N	76-77 (Value TU)
HDR-10	REPORT NUMBER	3	N	78-80

Table 1. JRS Header Record

b. Report End Record. It follows the last detail record of each report. The end record correlates to the matching header record to confirm the originator, the database being updated, and the end of the specified report number. A summary of a JRS end record applicable to TUCHAREP is shown in Table 2.

DATA FIELD	ELEMENT NAME	DATA SIZE	TYPE DATA	RECORD POSITION
END-1	SEQUENCE NUMBER	3	N	1-3 (<= 999)
END-2	SECURITY CLASSIFICATION	1	A	4-4 (Value U)
END-3	BLANK	1	A/N	5-5 (Space)
END-4	RECORD TYPE	1	A	6-6 (Value E)
END-5	BLANK	29	A/N	7-35 (Space)
END-6	DECLASSIFICATION INSTRUCTIONS	21	A/N	36-56
END-7	BLANK	13	A/N	57-69 (Space)
END-8	REPORT ORIGINATOR UIC	6	A/N	70-75
END-9	REPORT INDICATOR	2	A/N	76-77 (Value TU)
END-10	REPORT NUMBER	3	N	78-80

Table 2. JRS End Record

c. JRS Control Data (Table 3). The data elements in record positions 1-8 at the

beginning are common to all detail records and are used to control the update of the file.

ELEMENT NAME	POSITION	REMARKS
Sequence Number	1-3	The first detail record will be 001 and each successive record will be given the next sequential number up to 999.
Security Classification	4	Enter U for UNCLASSIFIED to indicate the security classification of the record. EDIT: Must be U. ERROR: INVALID SECURITY CLASSIFICATION/REJECT.
Transaction Code	5	Enter one of the following codes to indicate the nature of the action to be accomplished when the record is processed into the file: A for add; C for change; D for delete. EDIT: Must be A, C, or D. ERROR: INVALID TRANSACTION/REJECT.
Record Type	6-8	Enter one of the appropriate record type codes, left justified. EDIT: Must be A, B, F1, F2, or F3. ERROR: INVALID RECORD TYPE/REJECT.

Table 3. JRS Control Data

d. Detail Record Data Elements. This paragraph explains the specific data to be reported for the detail records. Each data element is identified in the data field by a code consisting of the record type and the data field number.

Detail Data	9-nn	Detail data will be formatted for each record type as indicated below.

(1) Unit Characteristics Record Type A (Table 4). The primary function of the record is to establish the five-character UTC for registration purposes and to specify the UTC long name.

DATA FIELD	DATA ELEMENT	NUMBER OF CHARACTERS	TYPE DATA	RECORD POSITION
A-1	UTC	5	A/N	9-13
DEFINITION: Enter the UTC that uniquely identifies the organization being reported. See page A-A-1, Appendix A, for specific UTC instructions. EDIT: All five characters are required for "A" transactions. No special characters are allowed. Alphabetic values should be uppercase and letters "I" and "O" should not be used. UTC must be unique and not already exist on file for an add transaction. ERROR: A-1 BLANK/REJECT, A-1 UTC ALREADY ON FILE/REJECT.				
A-2	TYPNM	54	A/N	14-67
DEFINITION: Enter the long name (TYPNM) that describes the UTC in field A-1. The only special characters permitted in addition to letters and digits are blanks, comma (,), asterisk (*), virgule (/), ampersand (&), minus (-), plus (+), period (.), and parentheses (()). If the transaction involves registration of a new unit, this field must be reported. For standard medical units, the first eight record positions show the number of definitive care hospital beds supported by the UTC followed by the long name. EDIT: Field cannot be blank if there is an "A" transaction code. Special characters other than comma, asterisk, virgule, ampersand, minus, plus, period, or parentheses are not permitted. For standard-type medical units, the first four positions must be filled by "HSP" followed by a blank space. The next four positions must be numeric (indicating the number of beds) with leading zeroes, if necessary, or all zeroes if no beds, followed by the unit long name. Non-medical units begin unit long name in the first record position. ERROR: A-2 BLANK/REJECT, A-2 INVALID CHARACTER(S)/REJECT			

	ADD TRANSACTION	CHANGE TRANSACTION[1]
RECORD FIELD	RECORD WILL REJECT IF NOT REPORTED	RECORD WILL REJECT IF NOT REPORTED
A-1 UTC	X	X
A-2 TYPNM	X	

Table 4. Record Type A Correlation Matrix

(2) Unit Characteristics Record Type B (Table 5). This record always accompanies the Type A record and further amplifies and describes the unit's characteristics.

DATA FIELD	DATA ELEMENT	NUMBER OF CHARACTERS	TYPE DATA	RECORD POSITION
B-1	UTC	5	A/N	9-13
DEFINITION: Enter the UTC that uniquely identifies the organization being reported. See page A-A-1, Appendix A, for specific UTC instructions. EDIT: All five characters are required for "A" transactions. No special characters are allowed. Alphabetic values should be uppercase and letters "I" and "O" should not be used. UTC must be unique and not already exist on file for an add transaction. ERROR: A-1 BLANK/REJECT, A-1 UTC ALREADY ON FILE/REJECT.				
B-2	ULC	3	A	14-16
DEFINITION: Enter the Unit Level Code (ULC) that allows the organization to be categorized according to a stratum, echelon, or point at which control or authority is concentrated. ULCs are described in CJCSM 3150.16 series. ERROR: B-2 NOT IN TABLE/REJECT. B-2 ADD TRANSACTION FIELD BLANK/REJECT.				
B-3	SERV	1	A	17
DEFINITION: Enter one of the Service codes (SERV) that designates the parent Service for the unit in field B-1. This data field must be reported for all transactions. The codes are "A" for U.S. Army, "F" for U.S. Air Force, "J" for Joint, "M" for U.S. Marine Corps, "N" for U.S. Navy, and "P" for U.S. Coast Guard. EDIT: Must be A, F, J, M, N, or P. ERROR: B-3 NOT IN TABLE OR BLANK/REJECT.				
B-4	DEPID	1	A	18
DEFINITION: Enter the deployment indicator code (DEPID) from Appendix A, pages A-A-7 thru A-A-9, that is used to categorize the deployability of the type organization in field B-1. This data field must be reported for add or reactivation transactions. EDIT: Must be a code from Appendix A. Cannot be blank if transaction code is an "A." ERROR: B-4 NOT IN TABLE/REJECT, B-4 BLANK TRANS "A"/REJECT.				
B-5	STYNM	15	A/N	19-33
DEFINITION: Enter the short-type name (STYNM) that provides an abbreviation of the TYPNM in data field A-2. Rules specified in A-2 apply. Field cannot be blank if there is an A transaction code. EDIT: Same as Field A-2. ERROR: Same as Field A-2.				

Table 5. Record Type B Correlation Matrix

B-6	PERS	5	N	34-38
DEFINITION: Identifies the personnel strength that satisfies the specific force requirements after arrival in the objective area. Personnel strength (PERS) includes all passengers (PAX) transported to the objective area by all modes of transportation. This is not the same as unit authorized strength. Only personnel who are committed to the plan or operation are included in PERS. For standard force requirements, strength is updated from TUCHA PERS. Data field must be reported when registering or reactivating a UTC with a DEPID of 1, 2, 3, or 5 for USN and USCG units, or P for USAF units. EDIT: Must be reported if DEPID is 1, 2, 3, or 5 for USN and USCG units, or P for USAF units when transaction code is "A." ERROR: B-6 BLANK PERS TRANS "A"/REJECT				
B-7	REFDC	19	A/N	39-57
DEFINITION: The reference document (REFDC) identifies the document(s) that either authorizes the type organization in data field B-1 or contains its characteristics. Data field must be reported if DEPID is 1, 2, 3, or 5 for USN and USCG units, or P for USAF units. If the organization is not described or authorized in any document, not applicable will be entered. The Army will report UTC Standard Requirement Codes (SRC) values for REFDC. EDIT: Required for registration and reactivation. ERROR: B-7 BLANK REFDC TRANS "A"/REJECT.				
B-8	STATS	1	A	58
DEFINITION: Status (STATS) permits an automated differentiation between active and canceled UTCs. Enter one of the following codes: A – Active UTC C – Canceled UTC. EDIT: Required for registration or cancellation of a UTC. ERROR: B-8 BLANK/REJECT. *Note: Resubmitting all TUCHA data values can reactivate the UTCs in a canceled status. Appendix A provides amplifying information.*				
B-9	RPLACE	5	A/N	59-63
DEFINITION: Replacement relationship (RPLACE) field is used to record those cases in which there is a relationship between canceled and active UTCs. When a new UTC replaces a previously registered UTC, the replaced UTC must be listed in this field when the new UTC is registered. (See Table 6.) The three types of relationships are as follows: (a) Case 1. When a UTC has been canceled and replaced by another UTC, a one-to-one relationship is cross-referenced. (b) Case 2. When several UTCs are canceled and replaced by a single UTC, the several-to-one relationship is cross referenced. (c) Case 3. When the UTC has been canceled and the type unit that it represents has been disestablished, there is no replacement relationship. (See Table 6.) EDIT: Must be a registered UTC, either active or canceled. ERROR: NOT A REGISTERED UTC/REJECT.				

Table 5. Record Type B Correlation Matrix (Cont.)

	ADD TRANSACTION	CHANGE TRANSACTION	CANCELLATION	COMMENTS
Record Field	**Records will reject if not reported**	**Record will reject if not reported**	**Record will reject if not reported**	
B-1 UTC	X	X	X	
B-2 ULC	X			
B-3 SERV	X	X	X	
B-4 DEPID	X			
B-5 STYNM	X			
B-6 PERS	X			
B-7 REFDC	X			
B-8 STATS				Must be status of "A" on ADD transaction. Must be blank for change transaction, "C" if unit is to be canceled or "A" for Reactivation
B-9 RPLACE	See Table 6			

Table 5. Record Type B Correlation Matrix (Cont.)

Notes:
1. To reactivate a UTC, all data fields must be reported.
2. In field B-7 (REFDC) "Not Applicable" can be used for DEPID codes 5 for USN and USCG units, and 6, 7, 8, and 9.

	ADD TRANSACTION	DELETE TRANSACTION	ADD TRANSACTION	COMMENTS
Record Field	**Records will reject if not reported**	**Use to Remove Replacee and Replacer relationship**	**Multiple Replacee**	
B-1 UTC	X (REPLACER)	X	X (REPLACER)	UTC that will replace data field B-9 (REPLACE) "A" transaction
B-2 ULC	X			
B-3 SERV	X	X	X	
B-4 DEPID	X			
B-5 STYNM	X			
B-6 PERS	X			
B-7 REFDC	X			
B-8 STATS	X		X	Must be "A" status.
B-9 RPLACE	X (REPLACEE)	X	X (Multiple Replacee)	

Table 6. Replacement Relationship

NOTES: An "A" transaction must be submitted with a replacer UTC. (Multiple "replacees" are allowed.)

1. A UTC (AB pair) may be registered in the database to replace one or more UTCs already established in the database. The unit being registered is referred to as the REPLACER; the unit being replaced is referred to as the REPLACEE.
2. The B portion of the AB pair registration must contain the UTCs for replacer and replacee in data fields B-1 and B-9 (see Table 6). When a replacer is replacing multiple replacees, multiple B records are allowed for a unit.
3. After a replacer unit is established and a replacee unit is canceled, a record is added to the replacer UTC to point to the replacee UTC. Additionally, a record is added to the canceled replacee UTC to point to the replacer UTC.
4. A "replacer/replacee" relationship may be removed from a UTC by submitting a delete B record.

(3) Movement Characteristics Record Type F1 (Table 7). This record contains data regarding the movement of unit personnel.

DATA FIELD	DATA ELEMENT	NUMBER OF CHARACTERS	TYPE DATA	RECORD POSITION
F-1	UTC	5	A/N	9-13
DEFINITION: See Field A-1. EDIT/ERROR MESSAGE: See Field A-1.				
F-2	PAX	5	N	14-18
DEFINITION: Enter the number of personnel (PAX) requiring non-organic Transportation. PAX must be reported when requesting registration for type units with DEPID of 1, 2, 3, P, and USN or USCG units with DEPID 5, unless all PERS are transported by organic means. EDIT: Must be numeric. Must be reported if DEPID 1, 2, 3, P, or 5 for USN and USCG units for an add transaction. ERROR: F-2 NOT NUMERIC/REJECT, F-2 BLANK/ADD REJECT.				
F-3	F2REQ	3	N	19-21
DEFINITION: Enter the number of F2 type records associated with this F1 type record. Must contain an integer. Must contain an integer greater than zero for add transaction and DEPID is 1, 2, 3, E, or 5 for USN and USCG units. EDIT: Must be numeric. Must be entered and greater than zero for add transaction when DEPID is 1, 2, 3, E, or 5 for USN and USCG units. ERROR: F-3 NOT NUMERIC/REJECT, F-2 BLANK/ADD REJECT.				

	ADD TRANSACTION	CHANGE TRANSACTION	DELETE TRANSACTION	COMMENTS
RECORD FIELD	RECORD WILLREJECT IF NOT REPORTED	RECORD WILL REJECT IF NOT REPORTED	RECORD WILL REJECT IF NOT REPORTED	
F-1 UTC	X	X	X	
F-2 PAX	X			If DEPID OF E, NOT REQUIRED
F-3 F2REQ	X			IF DEPID OF P, MUST BE ZERO

Table 7. Record Type F1 Correlation Matrix

NOTES:
1. An add transaction is required for DEPID of 1, 2, 3, P, and 5 for USN and USCG units.
2. A delete transaction will delete all associated F1, F2, and F3 data for the effected UTC.

(4) Cargo Category Record Type F2 (Table 8). This record contains cargo data associated with the unit being described in data field A-1.

DATA FIELD	DATA ELEMENT	NUMBER OF CHARACTERS	TYPE DATA	RECORD POSITION
F-4	UTC	5	A/N	9-13
DEFINITION: See Field A-1. EDIT/ERROR MESSAGE: See Field A-1.				
F-5	CCC	3	A/N	14-16
DEFINITION: Enter the cargo category code (CCC) from reference c, identifying the kinds of cargo (category of unit equipment and accompanying supplies) for which quantitative data are provided in data fields F-6, F-7, and F-8. CCC must be reported when requesting registration for type units with DEPID 1, 2, 3, E, and USN or USCG units with DEPID of 5. EDIT: Must be a code from reference b. ERROR: F-5 NOT IN TABLE/REJECT, F-5 BLANK/ADD REJECT.				
F-6	SQFT	6	N	17-22
DEFINITION: Leave blank. SQFT total will be calculated from associated F3 entries. Computer software will calculate appropriate aggregations. EDIT: May be blank. If used must be numeric and greater than zero. ERROR: F-6 NOT NUMERIC/REJECT.				
F-7	STONS	6	N	23-28
DEFINITION: Enter the number of whole short tons (STONS) and tenths of short tons (DSTON) of cargo being described. Value is expressed in a whole number and tenths (example: 000123 = 12.3 STONS). If the CDESC (F-13) is an equipment identification code (EIC), leave this field blank. Leave blank for bulk POL. EDIT: Must be blank if record position 14 is G. If used, must be numeric. ERROR: F-7 NOT BLANK/POL REJECT, F-7 NOT NUMERIC/REJECT.				
F-8	MTONS	6	N	29-34
DEFINITION: Enter the cube of cargo being described expressed in whole measurement tons (MTONS) -- 40 cubic feet for 1 measurement ton. Do not include container size. For bulk POL, enter hundreds of barrels; for example, 15,000 barrels are reported as 000150. Leave blank if F3 records are submitted for the same cargo category as on this F2 record and the aggregation of measurement tons on those associated F3 records equal the value entered on this F2 record. EDIT: May be blank for aggregation. If used must be numeric and greater than zero. ERROR: F-8 BLANK AND NO F3 RECORDS SUBMITTED/REJECT.				
F-9	F3REQ	3	N	35-37
DEFINITION: Enter the number of F3 records associated with this F2 record. F3 records will be submitted for all category codes; therefore, aggregate STONS for cargo details will equal STONS for cargo category. EDIT: Must be numeric. ERROR: F-9 NOT NUMERIC/REJECT				

Table 8. Record Type F2 Correlation Matrix (Cont.)

	ADD TRANSACTION	CHANGE TRANSACTION	DELETE TRANSACTION	COMMENTS
RECORD FIELD	**RECORD WILL REJECT IF NOT REPORTED**	**RECORD WILL REJECT IF NOT REPORTED**	**RECORD WILL REJECT IF NOT REPORTED**	
F-4 UTC	X	X	X	
F-5 CCC	X	X	X	
F-6 SQFT	X			WILL BE LEFT BLANK IF CCC IS TOTALLY DEFINED BY F3. LEAVE BLANK IF CCC =D, E, F, G, H, J, M, AND IS LESS THAN 35 FT IN ANY LINEAR DIMENSION.
F-7 STONS	X			WILL BE LEFT BLANK IF CCC IS TOTALLY DEFINED BY F3.
F-8 MTONS	X			WILL BE LEFT BLANK IF CCC IS TOTALLY DEFINED BY F3.
F-9 F3REQ	X			MUST BE GREATER THAN 0 FOR CCCS A, B, C, K, L, AND R AND SECOND POSITION OF 0, 1, OR 2. MUST BE ZERO FOR DEPID OF "P."

Table 8. Record Type F2 Correlation Matrix (Cont.)

NOTE: Change Data Field F2REQ Reported on Record F1

(5) Cargo Category Detail Record Type F3 (Table 9). F3 detail must be submitted for all equipment with first position of cargo category code = A, B, C, K, L, or R, and for other categories when any item dimension is greater than 35 feet. Otherwise, F3 data is optional.

DATA FIELD	DATA ELEMENT	NUMBER OF CHARACTERS	TYPE DATA	RECORD POSITION
F-10	UTC	5	A/N	9-13
DEFINITION: See Field A-1. EDIT/ERROR MESSAGE: See Field A-1.				
F-11	CCC	3	A/N	14-16
DEFINITION: See data field F-5. The data entered in F-11 must be identical with the data in F-5. EDIT: F-11 and F-5 must agree. ERROR: F-11 AND F-5 ARE NOT THE SAME/REJECT.				
F-12	ITMNBR	3n	17-19	
DEFINITION: The record item number (ITMNBR) is used to sequence F3 records associated with a particular F2 record. Enter a sequential number beginning with 001. EDIT: Must be numeric and greater than zero. ERROR: F-12 MOT NUMERIC/REJECT, F-12 BLANK/REJECT.				
F-13	CDESC	35	A/N	20-54
DEFINITION: Cargo description (CDESC) is a free-form description of the cargo being described. If the cargo can be associated with equipment contained in the TUDET file, enter the EIC in record position 21-27 preceded by an asterisk (*) in record position 20. An asterisk should only be used when defining an EIC. (EIC is defined as a 7-digit code from the TUDET file, which is comprised of the EIC (6 digits) and the EIC suffix (1 digit)). EDIT: Cannot be blank. EIC, if used, must be contained in the TUDET file. ERROR: F-13 BLANK/REJECT, F-13 EIC NOT IN TUDET FILE/REJECT				
F-14	LENGTH	5	N	55-59
DEFINITION: Enter the length in inches (LENGTH) of a single item of cargo being described. Leave blank if the cargo description field contains a valid EIC. EDIT: Leave blank if record position 25 contains an asterisk (*) and a valid EIC; otherwise, must be numeric and greater than zero. ERROR: F-13 CONTAINS A VALID EIC AND F-14 NOT BLANK/REJECT F-14 NOT NUMERIC/REJECT.				
F-15	WIDTH	5	N	60-64
DEFINITION: Enter the width in inches (WIDTH) of a single item of cargo being described. Leave blank if the CDESC (F-13) contains a valid EIC. EDIT: Leave blank if record position 20 contains an asterisk (*) and a valid EIC; otherwise, must be numeric and greater than zero. ERROR: F-11 CONTAINS A VALID EIC AND F-15 NOT BLANK/REJECT F-15 NOT NUMERIC/REJECT.				

Table 9. Record Type F3 Correlation Matrix

F-16	HEIGHT	4	N	65-68
DEFINITION: Enter the height in inches (HEIGHT) of a single item of cargo being described. Leave blank if the CDESC (F-13) contains a valid EIC. EDIT: Leave blank if record position 20 contains an asterisk (*) and a valid EIC; otherwise, must be numeric and greater than zero. ERROR: F-13 CONTAINS A VALID EIC AND F-16 NOT BLANK/REJECT F-16 NOT NUMERIC/REJECT.				
F-17	SQFT	6	N	69-74
DEFINITION: Enter the number of square feet (SQFT) of floor or deck space required for storage of the largest piece of cargo being described. Leave blank if the CDESC (F-13) contains a valid EIC. EDIT: Leave blank if record position 20 contains an asterisk (*) and a valid EIC; otherwise, must be numeric and greater than zero. ERROR: F-13 CONTAINS A VALID EIC AND F-17 NOT BLANK/REJECT F-17 NOT NUMERIC/REJECT.				
F-18	PIECES	4	N	75-78
DEFINITION: Enter the number of items (PIECES) in the group being described. EDIT: Must be numeric and greater than zero. ERROR: F-18 NOT NUMERIC/REJECT.				
F-19	STONS	6	N	79-84
DEFINITION: Enter the weight in whole short tons (STONS) and tenths of short tons (DSTONS) for a single item of cargo being described. (Value is expressed in a whole number and tenths (example: 000123 = 12.3)). Leave blank if the CDESC (F-13) contains a valid EIC EDIT: Leave blank if record position 20 contains an asterisk (*) and a valid EIC; otherwise, must be numeric and greater than zero. ERROR: F-13 CONTAINS A VALID EIC AND F-19 NOT BLANK/REJECT F-19 NOT NUMERIC/REJECT.				
F-20	MTONS	6	N	85-90
DEFINITION: Enter the weight in whole measurement tons (MTONS) and tenths of measurement tons (DMTONS) for a single item of cargo being described. (Value is expressed in a whole number and tenths (example: 000246 = 24.6)). Leave blank if the CDESC (F-13) contains a valid EIC. EDIT: Leave blank if record position 20 contains an asterisk (*) and a valid EIC; otherwise, must be numeric and greater than zero. ERROR: F-13 CONTAINS A VALID EIC AND F-20 NOT BLANK/REJECT F-20 NOT NUMERIC/REJECT.				

Table 9. Record Type F3 Correlation Matrix (Cont.)

	ADD TRANSACTION	CHANGE TRANSACTION	DELETE TRANSACTION	COMMENTS
RECORD FIELD	**RECORD WILL REJECT IF NOT REPORTED**	**RECORD WILL REJECT IF NOT REPORTED**	**RECORD WILL REJECT IF NOT REPORTED**	
F-10 UTC	X	X	X	
F-11 CCC	X	X	X (SEE NOTES)	
F-12 RNDMB	X	X	X (SEE NOTES)	
F-13 CDESC	X (SEE NOTES)			
F-14 LENGTH	X			IF DATA FIELD F-13 (CDESC) CONTAINS VALID EIC, MUST BE BLANK.
F-15 WIDTH	X			IF DATA FIELD F-13 (CDESC) CONTAINS VALID EIC, MUST BE BLANK.
F-16 HEIGHT	X			IF DATA FIELD F-13 (CDESC) CONTAINS VALID EIC, MUST BE BLANK.
F-17 SQFT	X			IF DATA FIELD F-13 (CDESC) CONTAINS VALID EIC, MUST BE BLANK.
F-18 PIECES	X			
F-19 STONS	X			IF DATA FIELD F-13 (CDESC) CONTAINS VALID EIC, MUST BE BLANK.
F-20 MTONS	X			IF DATA FIELD F-13 (CDESC) CONTAINS VALID EIC, MUST BE BLANK.

Table 9. Record Type F3 Correlation Matrix (Cont.)

NOTES:
1. If data field F-13 (CDESC) contains a valid EIC, precede record field with an asterisk (*).
2. A change to data field F-9 (F3REQ), reported on record F2, is required.

(INTENTIONALLY BLANK)

APPENDIX A TO ENCLOSURE A

TYPE UNIT CHARACTERISTIC (TUCHA) CODES

1. UNIT TYPE CODES (UTC)

a. Background/Registration. The UTC is a five-character alphanumeric code with alphabetic values in upper case and the letters "I" and "O" being omitted in order to avoid confusion with the numbers 1 and 0. It is associated with and allows each type organization to be categorized into a kind or class with common distinguishing characteristics. The UTC is one of the primary means for identifying types of forces when describing force requirements. The first character of the UTC is structured as the functional code (see Appendix A) and the remaining four characters are random. Service assignment of significance to the last four characters will be supported, provided it does not interfere with other users. A Service or unified command that establishes a criterion for the assignment of a UTC must submit the required data in a request for registration. Upon registration, verification will be made to ensure that the requested UTC does not duplicate an existing UTC.

b. Cancellation. Cancellation of UTCs will be requested when no actual organization of the type exists, or is planned to exist, or when a UTC is to be replaced by one or more UTCs.

c. Reactivation A cancelled UTC can be reactivated when necessary. Specific reactivation requirements are contained in Matrix A-2. Movement characteristics for the UTC must be submitted.

d. Standard/Nonstandard. A UTC may be categorized as standard or nonstandard in relation to associated data elements within the TUCHA file. The following definitions apply:

(1) Standard UTC. A standard UTC is a UTC that requires movement characteristics. Describes a deployable type unit of fixed composition.

(2) Non-standard UTC. A non-standard UTC is a UTC that does not require movement characteristics (i.e., a type unit with no fixed composition or unit with no associated movement requirements -- F1, F2, or F3 records).

e. Approved Supplemental Service Requirements. Some procedures related to UTCs are unique to the respective Services. Following is a summary of approved supplemental Service procedures and requirements.

(1) U.S. Army. The U.S. Army submits TUCHAREP data in accordance with this manual and reference d.

(2) U.S. Navy/U.S. Coast Guard. US Navy/US Coast Guard planners are required to submit a request to establish a new UTC. Pending registration of the requested UTC, a nonstandard UTC (99BB) may be used as an interim measure during plan development. A proper functional code from Appendix A must precede 99BB.

(3) U.S. Marine Corps. The U.S. Marine Corps submits TUCHAREP data in accordance with this manual and reference d.

(4) U.S. Air Force. U.S. Air Force standard and nonstandard force requirements are identified using procedures outlined in AFI 10-401 (Chapter 5). The U.S. Air Force structures its standard UTCs as follows:

(a) First Character of UTC. Functional Category Code (Appendix A).

(b) Second Character of UTC. For Aviation UTCs, the second character of the UTC defines the kind of aviation unit, for example:

F = Fighter Aviation B = Bomber Aviation

R = Reconnaissance Aviation Y = Air Refueling Aviation

(c) Last Three Characters of UTC. Random (ensures unique UTC).

(d) Nonstandard UTCs. The first and second characters of the UTC are the same as the standard UTC. The last three characters are Z99; for example, UTC 3FZ99 = nonstandard tactical fighter unit.

2. FUNCTIONAL CODES (Table 10). Functional codes are categorized based on type organization by functional areas. By providing significance to the left-most character of the UTC, the functional codes facilitate UTC assignment, management, and use. Functional codes and the Service definitions are below.

SERVICE DEFINITIONS				
CODE	**ARMY**	**NAVY/COAST GUARD**	**AIR FORCE**	**MARINE CORPS**
A	Multifunction Task Organization	Task Organization	Undefined	No Fixed Organization
B	Contracted Support	Contracted Support	Contracted Support	Contracted Support
C	DoD agencies, Service Major Command HQs, Major Command HQs, JTF HQs, and Command HQs. (This is also the Joint Definition)	Command and Control	Major Command HQs, Major Command Augmentation, and USAF Portions of JTF HQs	Command HQ
D	Civil Government Entities	Defense Civil Support/ Environmental Response	Undefined	Undefined
E	Undefined	Electronic Warfare	Electronic Warfare Support	Undefined
F	Biomedical Sciences	Medical / Dental	Medical Services	Medical / Dental/ Surgical
G	Chemical Activities	Ordnance Disposal / Weapons Handling	Undefined	Chemical Activities
H	Maintenance	Ship-building, Construction, and Maintenance	Maintenance / Munitions	Maintenance
J	Supply	Supply / Base Operations Support	Supply / POL	Supply Support
K	Research, Development, Test, and Evaluation	Research, Development, Test, and Evaluation	Research, Development, Test, and Evaluation	Research, Development, Test, and Evaluation

Table 10. Functional Codes.

SERVICE DEFINITIONS				
CODE	**ARMY**	**NAVY/COAST GUARD**	**AIR FORCE**	**MARINE CORPS**
L	Administration / Personnel / Legal / Postal / Special Services / Bands / Memorial Graves Registration / Public Info / Morale Activities	Administrative Functions	Band	Administration / Personnel / Legal / Postal / Special Services / Bands / Memorial Graves Registration / Public Info / Morale
M	Fleet Auxiliaries Yard and Service Craft / Auxiliary Ship Admin Commands	Fleet Support Platforms	Undefined	Undefined
N	Composite Service	Aviation Maintenance and Support	Undefined	Aviation Support
P	Intelligence / Counterintelligence / Classified Security Psychological Activities	Intelligence	Intelligence	Intelligence / Counterintelligence / Classified Security Psychological Activities
Q	Military Police-Physical Security-Law Enforcement	Security / Military Police / Coastal Riverine / Military Working Dog	Security Forces / Counterintelligence	Military Police / Physical Security / Law Enforcement
R	Undefined	Undefined	Manpower / Personnel Services / History / Recruiting	Undefined
S	Finance / Fiscal Contract Admin / Procurement	Comptroller / Finance / Contracts and Procurement	Undefined	Finance / Fiscal Contract Administration / Procurement
T	Training	Training	Training	Ground Training
U	Transportation	Transportation/Cargo Handling / Logistics Support	Transportation	Major Transportation
V	Civil Affairs / Combined Action Groups / Military Assistance Services	Civil Affairs / Combined Action Groups / Military Assistance Services	Undefined	Civil Affairs Units / Combined Action Units

Table 10. Functional Codes (Cont).

SERVICE DEFINITIONS				
CODE	**ARMY**	**NAVY/COAST GUARD**	**AIR FORCE**	**MARINE CORPS**
W	Undefined	Undefined	Undefined	Undefined
X	Multifunction Posts, Camps, Stations, Forts, Bases, or Barracks	Naval Operating Bases and Stations	Combat Support / Rescue / Weather	Multifunction Posts, Camps, Stations, Forts, Bases, or Barracks
Y	Undefined	Navy Support Element	Undefined	Reserve Site Support
Z	Armored Cavalry Reconnaissance	Miscellaneous	Miscellaneous	Reconnaissance, Armored and Ground
0	Infantry	Undefined	Undefined	Infantry
1	Artillery (Including Ground-to-Air Guns and Missiles)	Port, Pier, and Navigation Support	Air Defense / Missile / Space / Cyber Space	Artillery
2	Armor-Antitank	Oceanography / Hydrography / Meteorology	Undefined	Tracked Vehicles
3	Aviation Flight Units	Aviation Units	Mission Aircraft	Aviation Tactical (Including Light Antiaircraft Missile Battalions)
4	Engineers and Topographic Services	Construction and Engineering	Mapping / Charting / Engineering	Engineers and Topographic Services

Table 10. Functional Codes (Cont).

SERVICE DEFINITIONS				
CODE	**ARMY**	**NAVY/COAST GUARD**	**AIR FORCE**	**MARINE CORPS**
5	Undefined	Warships / Craft (and their Administrative Commands)	Undefined	Aviation Training
6	Communications / Electronics / Signal / Cyber	Communications (Electronics Signal Communications) / Information Warfare / Cyber	Communications / Computer Systems / Combat Camera / Postal-Courier / Cyber Support	Ground Communications / Electronics / Signal
7	Tactical Rescue / Weather	Search / Salvage / Rescue / Recovery	Theater Air Control Systems / Mobility / Airfield Operations / Cyber Operations	Air Control Units (Including Marine Air Support Squadrons, Marine Air Control Squadrons, or Marine Air Traffic Control Squadrons)
8	Special Operations Forces	Special Operations Forces (SOF)	Special Tactics / Special Missions	Marine Special Operation Forces
9	Miscellaneous Combat, Combat Support, or Combat Service Support	Miscellaneous Combat, Combat Support, or Combat Service Support	Unit Headquarters / Life Support / Escorts / MEO / Acquisition / Personnel Recovery / Scientist	Miscellaneous Combat, Combat Support, or Combat Service Support

Table 10. Functional Codes (Cont).

3. DEPLOYMENT INDICATOR (DEPID) CODES (Table 11). The DEPID is a standard type code system for various functional area users to employ when required to categorize types of organizations.

NOTE: When used in DEPID definitions, the term “self-defining” refers to a UTC that represents a type organization that has a reference document that specifies its composition, equipment, and personnel.

DEPID	CODE	DEFINITION
1	Standard	Indicates a deployable organization with a standard composition that is defined and fixed by an appropriate, widely-used reference document.
2	Fixed Provisional	Indicates a deployable organization that is formed from existing resources and is designed to meet requirements of operation plans. When formed, the organization becomes a deployable, self-administering organization that can be employed as an individual unit. UTCs with this DEPID are self-defining.
3	Augmentation	This organization is designed to augment the capability of an in-place organization to meet a specific operation plan requirement. When formed, this organization is deployable, but not self-administering. UTCs with this DEPID are self-defining.
4	Programmed	Indicates a type organization that is programmed to be activated in the future. The activation date is not related to the implementation of operation plans but usually depends on budget or other internal Service considerations. For planning purposes, type organizations with this indicator should be considered deployable after the programmed activation date. Estimated data may be reported for programmed units. Although estimated data are valid for planning, they may not be valid for actual deployment. Since actual data are not usually available until the unit is activated and attains a combat-ready status, estimated data should be used. UTCs with this DEPID are self-defining.
5	Standard/Variable	Indicates a type organization with a standard composition that is defined and fixed by an appropriate, widely used reference document. Type organizations with this DEPID provide deployable fragments or detachments that are assigned self-defining UTCs. Use for USN and USCG units only.
6	Variable	Indicates type organization that is authorized by Service or joint documents. The organization is deployable. Composition is not fixed. UTCs with this DEPID are not self-defining.

Table 11. DEPID Codes

DEPID	CODE	DEFINITION
7	Group-Category	Indicates type organization that represents a generalized group or category of more specific UTCs. The deployability of a group depends on the deployability of its members. The group UTC should be self-defining if its included members are self-defining. EXAMPLE: GROUP – DESTROYERS SPECIFIC – ARLEIGH BURKE CLASS
8	Task Organization	Indicates a type organization identified as a task organization. The composition of task organizations varies depending on the specific assigned task or mission. Service and joint documents may provide broad doctrinal guidance on task organizations, but do not specify the composition. Task organizations are deployable. UTCs are not self-defining.
9	Permanent Base	Indicates UTCs assigned to permanent base installations, facilities, and organizations. This type organization may have been established outside the United States; however, it is not deployable. Normally, this type organization is deactivated rather than transferred.
E	Augmentation (Equipment Only)	Indicates an equipment package that can be constituted from existing logistic resources to augment the capability of an in-place operations plan requirement. Equipment packages with this indicator are deployable and self-defining.
P	Augmentation (Personnel Only)	Indicates a type organization that represents an identified current ability to form from existing resources the capability to augment an in-place organization to meet a specific operations plan requirement. When constituted, organizations with this indicator are deployable, but not self-administering. UTCs with this indicator are self-defining.
0, A-Z	EXCEPT-E, P, I, & O	Reserved for future use.

Table 11. DEPID Codes (Cont.)

APPENDIX B TO ENCLOSURE A
TYPE UNIT CHARACTERISTIC RECORD LAYOUTS

This appendix contains specific layouts for each type of input record to be reported for processing into the TUCHA database.

UNIT CHARACTERISTICS RECORD TYPE A LAYOUT					
RECORD ELEMENT NAME	DATA ELEMENT	DATA FIELD	RECORD POSITION	NUMBER OF CHARACTERS	TYPE DATA
Record Sequence	-	-	1-3	3	N
Security Class	_	_	4	1	A
Transaction Code	-	-	5	1	A
Record Type	-	-	6-8	3	A/N
Unit Type Code	UTCA-1	A-1	9-13	5	A/N
Unit Type Name	TYPNM	A-2	14-68	55	A/N

Table 12. Unit Characteristics Record Type A Layout

UNIT CHARACTERISTICS RECORD TYPE B LAYOUT					
RECORDELEMENT NAME	DATAELEMENT	DATA FIELD	RECORD POSITION	NUMBER OF CHARACTERS	TYPE DATA
Record Sequence	-	-	1-3	3	N
Security Class	_	_	4	1	A
Transaction Code	-	-	5	1	A
Record Type	-	-	6-8	3	A/N
Unit Type Code	UTC	B-1	9-13	5	A/N
Unit Level Code	ULC	B-2	14-16	3	A
Service Code	SVRV	B-3	17	1	A
Deployment Indicator Code	DEPID	B-4	18	1	A/N
Short Type Name	STYNM	B-5	19-33	15	A/N
Personnel Strength	PERS	B-6	34-38	5	N
Reference Document	REFDC	B-7	39-57	19	A/N
Status	STATS	B-8	58	1	A
Replacement Relationship	RPLACE	B-9	59-63	5	AN

Table 13. Unit Characteristics Record Type B Layout

MOVEMENT CHARACTERISTICS RECORD TYPE F1 LAYOUT					
RECORDELEMENT NAME	DATAELEMENT	DATA FIELD	RECORD POSITION	NUMBER OF CHARACTERS	TYPE DATA
Record Sequence	-	-	1-3	3	N
Security Class	_	_	4	1	A
Transaction Code	-	-	5	1	A
Record Type	-	-	6-8	3	A/N
Unit Type Code	UTC	B-1	9-13	5	A/N
Number of Personnel Requiring Non-organic Transportation	PAX	F-2	14-18	5	N
Number of F2 Records	F2REQ	F-3	19-21	3	N

Table 14. Movement Characteristics Record Type F1 Layout

CARGO CATEGORY RECORD TYPE F2 LAYOUT					
RECORD ELEMENT NAME	DATA ELEMENT	DATA FIELD	RECORD POSITION	NUMBER OF CHARACTERS	TYPE DATA
Record Sequence	-	-	1-3	3	N
Security Class	-	-	4	1	A
Transaction Code	-	-	5	1	A
Record Type	-	-	6-8	3	A/N
Unit Type Code	UTC	F-4	9-13	5	A/N
Cargo Category Code	CCC	F-5	14-16	3	A/N
Total SQFT	SQFT	F-6	17-22	6	N
Number of Whole Short Tons with Tenths	STONS	F-7	23-28	6	N
Number of Whole Measurement Tons	MTONS	F-8	29-34	6	N
Number of F3 Records	F3REQ	F-9	35-37	3	N

Table 15. Cargo Category Record Type F2 Layout

CARGO CATEGORY RECORD TYPE F3 LAYOUT					
RECORD ELEMENT NAME	DATA ELEMENT	DATA FIELD	RECORD POSITION	NUMBER OF CHARACTERS	TYPE DATA
Record Sequence	-	-	1-3	3	N
Security Class	-	-	4	1	A
Transaction Code	-	-	5	1	A
Record Type	-	-	6-8	3	A/N
Unit Type Code	UTC	F-10	9-13	5	A/N
Cargo Category Code	CCC	F-11	14-16	3	A/N
Record Item Number	ITMNBR	F-12	17-19	3	N
Cargo Description	CDESC	F-13	20-54	35	A/N
Length of Item of Cargo	LENGTH	F-14	55-59	5	N
Width of Item of Cargo	WIDTH	F-15	60-64	5	N
Height of Item of Cargo	HEIGHT	F-16	65-68	4	N
Number of SQFT	SQFT	F-17	69-74	6	N
Item Quantity	PIECES	F-18	75-78	4	N
Number of Whole Short Tons with Tenths	STONS	F-19	79-84	6	N
Number of Whole Measurement Tons with Tenths	MTONS	F-20	85-90	6	N

Table 16. CARGO CATEGORY RECORD TYPE F3 LAYOUT

(INTENTIONALLY BLANK)