

FASTDATA Site Interfaces

(Existing and Proposed)

Wednesday, June 21, 2000

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FASTDATA Site INTERFACES

I. Inbound Interface (Utilizes B1 record format)

1. General.

Inbound transactions that meet the minimum requirements defined below will be validated against the financial framework defined in FASTDATA. Invalid transactions will suspend. Transactions that fail the specified edits are written to a permanent suspense file. A Suspense report is automatically generated to a file. The report format is similar to that of the Rejected Expenditures Report in the Funds Administrator. Suspended transactions will be resubmitted each time that an upload is requested. All documents which are created via the Inbound Interface (B1) will create Memo documents in FASTDATA, and as such, are not amendable except through the Inbound Interface process. The following terms/codes are used throughout this document:

<u>DOC TYPE Code</u>	<u>Meaning</u>
N	New transaction - used ONLY for the 1st 915 and 540 with that specific Document/ACRN combination
T	Adjustment - Second and subsequent 915/540 to a specific Document/ACRN combination. Used to adjust balances
P	"Partial" used with 510 transactions to indicate that this transaction represents a partial shipment to a Document/ACRN
Q	"Final" used with 510 transactions to indicate that no further shipments will be made under this Document/ACRN

<u>Exec Code</u>	<u>Meaning</u>
510	Receipt transaction
540	Obligation transaction
610	Expenditure transaction
915	Commitment transaction

2. Edits/Validations/Cross Validations.

The following Edits/Validations/Cross Validations apply to all document types, when the specific data element is required or present.

A. MILSTRIP Document Number:

1. Must be 14 characters in length.
2. Must have a valid Service Designator in position 1 (H, K, L, M, N, P, Q, R, and V).
3. Must have a valid Julian date in positions 7-10.

4. Must have a serial range in positions 11-14.
5. The serial range must not contain invalid characters (I, O).

B. SDN Document Number:

1. Must be 15 characters in length.
2. Must have a valid Service Designator in position 1 (H, K, L, M, N, P, Q, R, and V).
3. Must have a valid fiscal year in positions 7-8.
4. Must have a valid Document Code in positions 9-10 (as allowed by STARS-FL).
5. Must have a serial number in positions 11-15.

C. Job Order Number Doc Type "N":

1. Must exist on Job Order Table.
2. Amount All Doc Types:
Must be numeric.
3. Expense Element (Required on Doc Type "N"):
Must be valid (A-H, J-Z, 2, 4, 8)
4. OMB Object Class (Required on Doc Type "N"):
Must be valid (000, 210, 220, 231-233, 240, 251-258, 260, 310, 311, 320, 330)

3. Specific Document Type particulars:

A. DD1348:

A valid inbound 1348 transaction is defined as follows:

Doc Type	Exc. Code
-----	-----
N	540
P	510
Q	510
T	510, 540

Required data for Document Type "N":

Document Number, ACRN, Job Order Number, Amount, Quantity, Government Indicator, Expense Element, and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "P", "Q" and "T":

Document Number, ACRN, Quantity and Amount.

Edits/Validations/Cross Validations

Document Type "N" Execution code 540 Debit/Credit indicator "C":

DCN must not exist in FASTDATA.

Document Type "P" or "Q" Execution code 510 Debit/Credit indicator "C":

DCN must exist in FASTDATA as an obligation.

Document Type "T":

DCN must exist in FASTDATA and have been exported to the FA.

A. Execution code 540 Debit/Credit indicator "D":

DCN must exist in FASTDATA as an obligation and must have been exported to the FA. The inbound amount cannot be greater than the amount of the FASTDATA record.

B. Execution code 540 Debit/Credit indicator "C":

DCN must exist in FASTDATA as an obligation and must have been exported to the FA.

C. Execution code 510 Debit/Credit indicator "D":

DCN must exist in FASTDATA as a receipt and must have been exported to the FA. The inbound amount must not be greater than the amount on the FASTDATA record.

ACRN for All Doc Types:

Must be "AA"

B. DD1348-6:

A valid 1348-6 transaction is defined as follows:

Doc Type	Exc. Code
N	540, 915
T	510, 540, 915
P	510
Q	510

Required data for Document Type "N":

Document Number, ACRN, Job Order Number, Amount, Quantity, Government Indicator, Expense Element and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "P", "Q" and "T":

Document Number, ACRN, Quantity and Amount.

Edits/Validations/Cross Validations

Document Type "N":

- A. Execution code 540 Contract # is present and 9th position of contract # is A, D, G or H:**
BPA Call Number must not be spaces and the DCN should exist in FASTDATA. If DCN does not exist in FASTDATA, a commitment will be created in FASTDATA.
- B. Document Type "N", Execution code 540 Contract # is present and 9th position of contract # NOT A, D, G or H:**
DCN should exist in FASTDATA. If DCN does not exist in FASTDATA, commitment will be created in FASTDATA.
- C. Execution Code 915:**
Contract # is spaces, the DCN must not exist in FASTDATA.

Document Type "P" or "Q", Execution code 510:

Debit/Credit indicator is "C", DCN must exist in FASTDATA as an obligation.

Document Type "T":

DCN must exist in FASTDATA and must have been exported to the FA.

- A. Execution code "915" Debit/Credit Indicator "D":**
Commitment record must exist in FASTDATA. The inbound amount cannot be greater than amount on the FASTDATA record.
- B. Execution code 540 Debit/Credit indicator "D":**
Obligation must exist in FASTDATA. The inbound amount cannot be greater than the amount of the FASTDATA record.
- C. Execution code 540 Debit/Credit indicator "C":**
Obligation must exist in FASTDATA.
- D. Execution code 510 Debit/Credit indicator "D":**
Receipt must exist in FASTDATA. The inbound amount must not be greater than the amount on the FASTDATA record.

C. DD282:

A valid inbound DD282 transaction is defined as follows:

Doc Type	Exc. Code
N	540
P	510
Q	510
T	510, 540

Required data for Document Type "N":

Document Number, ACRN, Job Order Number, Amount, Quantity, Government Indicator, Expense Element and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "P", "Q" and "T":

Document Number, ACRN, Quantity and Amount.

Edits/Validations/Cross Validations

Document Type "N", execution code 540 Debit/Credit indicator "C":
DCN must not exist in FASTDATA.

Document Type "P" or "Q":
Execution code must be 510.

Debit/Credit indicator "C":
DCN must exist in FASTDATA as an obligation or receipt.

Document Type "T":

- A. Execution Code 540 Debit/Credit indicator "D":**
DCN must exist in FASTDATA as an obligation and must have been exported to the FA. The inbound amount cannot be greater than the amount of the FASTDATA record.
- B. Execution Code 540 Debit/Credit indicator "C":**
DCN must exist in FASTDATA, as an obligation must have been exported to the FA.
- C. Document Type "T" Execution Code 510 Debit/Credit indicator is "D":**
DCN must exist in FASTDATA as a receipt and must have been exported to the FA. The inbound amount must not be greater than the amount on the FASTDATA record.

D. 1320/1610

A valid inbound 1320/1610 transaction is defined as follows:

Doc Type	Exc. Code
-----	-----
N	540
P	510
Q	510
T	510, 540

Required data for Document Type "N":

Document Number, ACRN, Job Order Number, Amount, Traveler's Name, Estimated Return Date, Quantity, Government Indicator, Expense Element and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "P", "Q" and "T":

Document Number, ACRN, Quantity and Amount.

Edits/Validations/Cross Validations

Document Type is "N", execution code 540:

Traveler's Name and Estimated Return Date must not be spaces and the DCN must not exist in FASTDATA.

Document Type "P" or "Q":

Execution code must be 510.

Document Type "T":

A. Execution Code 540 Debit/Credit indicator "D":

DCN must exist in FASTDATA as an obligation and must have been exported to the FA.

The inbound amount cannot be greater than the amount of the FASTDATA record.

B. Execution Code 540 Debit/Credit indicator "C":

DCN must exist in FASTDATA, as an obligation must have been exported to the FA.

C. Document Type "T" Execution Code 510 Debit/Credit indicator is "D":

DCN must exist in FASTDATA as a receipt and must have been exported to the FA. The inbound amount must not be greater than the amount on the FASTDATA record.

D. Document Type "T" Amount Zero:

Traveler's Name and Estimated Return Date cannot both be spaces

E. DD1556.

A valid inbound DD1556 transaction is defined as follows:

Doc Type	Exc. Code
N	540
P	510
Q	510
T	510, 540

Required data for Document Type "N":

Document Number, ACRN, Job Order Number, Amount, Traveler's Name, Estimated Return Date, Quantity, Government Indicator, Expense Element and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "P", "Q" and "T":

Document Number, ACRN, Quantity and Amount.

Edits/Validations/Cross Validations

Document Type "N", execution code 540:

Traveler's Name and Estimated Return Date must not be spaces and the DCN must not exist in FASTDATA.

Document Type "P" or "Q":

Execution code must be 510.

Document Type "T":

A. Execution Code 540 Debit/Credit indicator "D":

DCN must exist in FASTDATA as an obligation and must have been exported to the FA. The inbound amount cannot be greater than the amount of the FASTDATA record.

B. Execution Code 540 Debit/Credit indicator "C":

DCN must exist in FASTDATA, as an obligation must have been exported to the FA.

C. Document Type "T" Execution Code 510 Debit/Credit indicator is "D":

DCN must exist in FASTDATA as a receipt and must have been exported to the FA. The inbound amount must not be greater than the amount on the FASTDATA record.

D. Document Type "T" Amount Zero:

Traveler's Name and Estimated Return Date cannot both be spaces

F. DD448.

A valid inbound DD448 transaction is defined as follows:

Doc Type	Exc. Code
N	540, 915
P	510
Q	510
T	510, 540, 915

Required data for Document Type "N":

Document Number, ACRN, Job Order Number, Amount, Quantity, Government Indicator, Expense Element and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "P", "Q" and "T":

Document Number, ACRN, Quantity and Amount.

Edits/Validations/Cross Validations

Document Type "N":

- A. Execution Code 915, Debit/Credit Indicator "C" Contract Number spaces:**

DCN must not exist in FASTDATA.

- B. Document Type "N" Execution Code 540 Debit/Credit Indicator "C" Contract Number not spaces 9th Position of Contract Number is A, D, G or H:**

BPA Call Number cannot be spaces, DCN should exist in FASTDATA. If DCN does not exist in FASTDATA, commitment will be created in FASTDATA.

- B. Document Type "N" Execution Code 540 Debit/Credit Indicator "C" Contract Number not spaces 9th Position of Contract Number is NOT A, D, G or H:**

DCN should exist in FASTDATA. If DCN does not exist in FASTDATA, commitment will be created in FASTDATA.

Document Type "P" or "Q":

Execution code must be 510.

Document Type "T":

DCN must exist in FASTDATA as a commitment and must have been exported to the FA. The inbound amount must not be greater than amount on the FASTDATA record.

- A. Execution Code 540 Debit/Credit indicator "D":**

DCN must exist in FASTDATA as an obligation and must have been exported to the FA. The inbound amount cannot be greater than the amount of the FASTDATA record.

- B. Execution Code 540 Debit/Credit indicator "C":**

DCN must exist in FASTDATA, as an obligation must have been exported to the FA.

- C. Execution Code 510 Debit/Credit indicator is "D":**

DCN must exist in FASTDATA as a receipt and must have been exported to the FA. The inbound amount must not be greater than the amount on the FASTDATA record.

G. GSA/OTHER.

A valid inbound GSA transaction is defined as follows:

Doc Type	Exc. Code
-----	-----
N	540
P	510
Q	510
T	510, 540

Required data for Document Type "N":

Document Number, ACRN, Job Order Number, Amount, Quantity, Government Indicator, Expense Element and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "P", "Q" and "T":
Document Number, ACRN, Quantity and Amount.

Edits/Validations/Cross Validations

Document Type "N", execution code 540 Debit/Credit indicator "C":
DCN must not exist in FASTDATA.

Document Type "P" or "Q":
Execution code must be 510.

Debit/Credit indicator "C":
DCN must exist in FASTDATA as an obligation or receipt.

Document Type "T":

- A. Execution Code 540 Debit/Credit indicator "D":**
DCN must exist in FASTDATA as an obligation and must have been exported to the FA. The inbound amount cannot be greater than the amount of the FASTDATA record.
- B. Execution Code 540 Debit/Credit indicator "C":**
DCN must exist in FASTDATA, as an obligation must have been exported to the FA.
- C. Execution Code 510 Debit/Credit indicator is "D":**
DCN must exist in FASTDATA as a receipt and must have been exported to the FA. The inbound amount must not be greater than the amount on the FASTDATA record.

H. Miscellaneous Document

A valid inbound MISC. transaction is defined as follows:

Doc Type	Exc. Code
-----	-----
N	540
P	510
Q	510
T	510, 540

Required data for Document Type "N":
Document Number, ACRN, Job Order Number, Amount, Quantity, Government Indicator, Expense Element and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "P", "Q" and "T":
Document Number, ACRN, Quantity and Amount.

Edits/Validations/Cross Validations

Document Type "N", execution code 540 Debit/Credit indicator "C":
DCN must not exist in FASTDATA.

Document Type "P" or "Q":
Execution code must be 510.

Debit/Credit indicator "C":
DCN must exist in FASTDATA as an obligation or receipt.

Document Type "T":

A. Execution Code 540 Debit/Credit indicator "D":

DCN must exist in FASTDATA as an obligation and must have been exported to the FA. The inbound amount cannot be greater than the amount of the FASTDATA record.

B. Execution Code 540 Debit/Credit indicator "C":

DCN must exist in FASTDATA, as an obligation must have been exported to the FA.

C. Document Type "T" Execution Code 510 Debit/Credit indicator is "D":

DCN must exist in FASTDATA as a receipt and must have been exported to the FA. The inbound amount must not be greater than the amount on the FASTDATA record.

I. SF44:

A valid inbound SF44 transaction is defined as follows:

Doc Type	Exc. Code
-----	-----
N	510
T	510

Required data for Document Type "N":

Document Number, ACRN, Job Order Number, Amount, Quantity, Government Indicator, Expense Element and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "T":

Document Number, ACRN, Quantity and Amount.

Edits/Validations/Cross Validations

Document Type "N" Execution Code 510 and Debit/Credit indicator "C":

DCN must not exist in FASTDATA.

Document Type "T" Execution Code 510 Debit/Credit indicator "D":

DCN must exist in FASTDATA as a receipt and must have been exported to the FA. Inbound amount cannot be greater than the amount on the FASTDATA record.

J. SF1164:

A valid inbound SF1164 transaction is defined as follows:

Doc Type	Exc. Code
-----	-----
N	510
T	510

Required data for Document Type "N":

Document Number, ACRN, Job Order Number, Amount, Quantity, Government Indicator, Expense Element and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "T":

Must be Execution Code 510

Document Number, ACRN, Quantity and Amount.

Edits/Validations/Cross Validations

Document Type "N" Execution Code 510 and Debit/Credit indicator "C":

DCN must not exist in FASTDATA.

Document Type "T" Debit/Credit indicator "D":

DCN must exist in FASTDATA as a receipt and must have been exported to the FA. Inbound amount cannot be greater than the amount on the FASTDATA record.

K. DD1149.

A valid inbound DD1149 transaction is defined as follows:

Doc Type	Exc. Code
-----	-----
N	540, 915
P	510
Q	510
T	510, 510, 915

Required data for Document Type "N":

Document Number, ACRN, Job Order Number, Amount, Quantity, Government Indicator, Expense Element and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "P", "Q" and "T":

Document Number, ACRN, Quantity and Amount.

Edits/Validations/Cross Validations

Document Type "N":

- A. Execution Code 915 Debit/Credit indicator "C" and contract Number spaces:**
DCN must not exist in FASTDATA.
- B. Execution Code 915 Debit/Credit indicator "C" and contract Number not spaces and 9th position of Contract Number is A, D, G, or H:**
BPA Call number can not be spaces, DCN should exist in FASTDATA. If it doesn't exist in FASTDATA, create as commitment in FASTDATA.
- C. Document Type "N" Execution Code 540 Debit/Credit Indicator "C" Contract Number not spaces 9th Position of Contract Number is NOT A, D, G or H:**
DCN should exist in FASTDATA. If DCN does not exist in FASTDATA, commitment will be created in FASTDATA.
- D. Document Type "P" or "Q" Execution Code 510 Debit/Credit indicator "C":**
DCN must exist in FASTDATA as an obligation or receipt.

Document Type "T":

- A. Execution Code 915 Debit/Credit indicator "D":**
DCN must exist in FASTDATA as a commitment and must have been exported to the FA. The inbound amount must not be greater than amount on the FASTDATA record.
- B. Execution Code 540 Debit/Credit indicator is "D":** DCN must exist in FASTDATA as an and must have been exported to the FA. The inbound amount cannot be greater than the amount of the FASTDATA record.
- C. Execution Code 540 Debit/Credit indicator "C":**
DCN must exist in FASTDATA as an obligation and the upload indicator must be "Y".
- D. Execution Code 510 Debit/Credit indicator "D":**
DCN must exist in FASTDATA as a receipt and must have been exported to the FA. The inbound amount must not be greater than the amount on the FASTDATA record.

I. NC2276.

A valid inbound NC2276 transaction is defined as follows:

Doc Type	Exc. Code
-----	-----
N	540, 915
P	510
Q	510
T	510, 540, 915

Required data for Document Type "N":

Document Number, ACRN, Job Order Number, Amount, Quantity, Government Indicator, Expense Element and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "P", "Q" and "T":

Document Number, ACRN, Quantity and Amount.

Edits/Validations/Cross Validations

Document Type "N"

- A. Execution Code 915 Debit/Credit indicator "C" and contract Number spaces:**
DCN must not exist in FASTDATA.
- B. Document Type "N" Execution Code 915 Debit/Credit indicator "C" contract Number not spaces and 9th position of Contract Number is A, D, G, or H:**
BPA Call number can not be spaces, DCN should exist in FASTDATA. If it doesn't exist in FASTDATA, create as commitment in FASTDATA.
- C. Execution Code 540 Debit/Credit Indicator "C" Contract Number not spaces 9th Position of Contract Number is NOT A, D, G or H:**
DCN should exist in FASTDATA. If DCN does not exist in FASTDATA, commitment will be created in FASTDATA.
- D. Document Type "P" or "Q" Execution Code 510 Debit/Credit indicator "C":**
DCN must exist in FASTDATA as an obligation or receipt.

Document Type "T":

- A. Execution Code 915 Debit/Credit indicator "D":**
DCN must exist in FASTDATA as a commitment and must have been exported to the FA. The inbound amount must not be greater than amount on the FASTDATA record.
- B. Execution Code 540 Debit/Credit indicator "D":**
DCN must exist in FASTDATA as an and must have been exported to the FA. The inbound amount cannot be greater than the amount of the FASTDATA record.
- C. Execution Code 540 Debit/Credit indicator "C":**
DCN must exist in FASTDATA as an obligation commitment and must have been exported to the FA.
- D. Execution Code 510 Debit/Credit indicator "D":**

DCN must exist in FASTDATA as a receipt and must have been exported to the FA. The inbound amount must not be greater than the amount on the FASTDATA record.

M. NC2275.

A valid inbound NC2275 transaction is defined as follows:

Doc Type	Exc. Code
-----	-----
N	540, 915
P	510
Q	510
T	510, 540, 915

Required data for Document Type "N":

Document Number, ACRN, Job Order Number, Amount, Quantity, Government Indicator, Expense Element and/or OMB Object Class (if Expense Element is present, do not edit OMB Object Class).

Required data for Document Type "P", "Q" and "T":

Document Number, ACRN, and Quantity Amount.

Edits/Validations/Cross Validations

Document Type "N":

- A. Execution Code 915 Debit/Credit Indicator "C":**
DCN must not exist in FASTDATA.
- B. Execution Code 540 Debit/Credit indicator "C":**
DCN should exist in FASTDATA. If it doesn't exist in FASTDATA, create a commitment.
- C. Document Type is "P" or "Q" Execution Code 510 Debit/Credit Indicator "C":**
DCN must exist in FASTDATA as an obligation or receipt.

Document Type "T":

- A. Execution Code 915 Debit/Credit Indicator "D":**
DCN must exist in FASTDATA as a commitment and must have been exported to the FA. The inbound amount must not be greater than amount on the FASTDATA record.
- B. Execution Code 540 Debit/Credit indicator "D":**
DCN must exist in FASTDATA as an obligation and must have been exported to the FA. The inbound amount cannot be greater than the amount of the FASTDATA record.
- C. Execution Code 540 Debit/Credit Indicator "C":**
DCN must exist in FASTDATA as an obligation and must have been exported to the FA.

- D. Execution Code 510 Debit/Credit Indicator "D":**
DCN must exist in FASTDATA as a receipt and must have been exported to the FA. The inbound amount must not be greater than the amount on the FASTDATA record.

II. FASTDATA/Procurement Systems Interface

PROCUREMENT/Contract Record descriptions

1. General.

The exported file must be in a standard EDI 511/UDF format. PROCUREMENT produces or accepts an EDI 511 (UDF) formatted record. The particulars of the EDI 511 record are very complex and vague. It may be necessary to consult an "UDF Development Guideline and Record Layout" in order to reinforce looping concepts used with this format.

2. **File naming convention requirements:**

A. UDF File will be named 511.txt.

3. **FILE Constraints:**

- A. File format is standard ASCII flat file
- B. Each line of data is herein referred to as a record.
- C. There can be no blank lines.
- D. Record size cannot exceed 1024 characters.
- E. Carriage Return will terminate each data line (ASCII 13, Hex 0D) which is counted as one of the 1024 characters.
- F. All data elements are to be left justified, and initialized to zero (if numeric) or space (if alphabetic/alphanumeric).
- G. Unused positions of the data element will be right-padded with spaces (alphanumeric data elements only).
- H. No zero/space fill after the record terminator
- I. Positions 1-18 of the record are not counted in the 1024 characters.
- J. Positions 1-3 = "511"
- K. Positions 4-15 - Requisitioner or trading partner
- L. Position 16 = Space
- M. Positions 17-18 = Record ID
- N. There are 18 different record formats (Record ID) which are used within the EDI 511 File construct. Several of these record types are used for initiators or terminators for looping constructs.

The Record ID's are:

- 01 - Start new Line Item or New Requisition
- 10 - Transaction Preparation Date and Time
Limited to 1 per file
- 16 - Entity names and associated data - **Beginning of Loop (N1 16-18)**. Maximum of 20 in one file
- 18 - POC Information (Optional) Loops with type 16 - Maximum use 7 records in one loop iteration (7 type 18 with 1 type 16).
- 20 - **Beginning of loop (LX1 20-44) consisting**

- of record types 20 through 44.** Contains procurement requirement/requisition detail data. 3 iterations of the loop are required for each requisition line item or procurement requirement line item.
- 22 - Reference data to convey requisition number or document number, there is no limit on repetition.
 - 26 - Item/Material identification. No limit on repetition.
 - 28 - Financial Accounting Data (LLOA). No limit on repetition.
 - 30 - Demand Details. Optional may be repeated up to 100 times per loop.
 - 32 - Contract Information. (Optional) 1 per loop
 - 33 - Date Information (Optional) up to 20 repetitions per loop.
 - 34 - Non Standard Material Identification. (Optional) no limit on repetition.
 - 36 - Non Standard Line Item Details. (Optional) Free form - no limit on repetition.
 - 38 - Text (Optional), generally used for item descriptions. No limit on repetition.
 - 40 - Source Code Information (Optional) maximum of 50 repetitions per loop iteration. Begin 40-42 loop:
 - 42 - Industry Codes - Maximum of 100 per loop. Ends 40-42 loop. May only be present if Record type 40 is present.
 - 44 - Entity Identification (Optional) may be repeated a maximum of 100 times.

In addition to the 18 record descriptions there can be 3 different types of record type 20 through 46. Type 1 is indicated above (LX1 20-46). Type two Follows (LX2 20-46)

- 20 - **Begin second type loop (LX2)**
- 22 - Reference data to convey requisition number or document number, there is no limit on repetition.
- 26 - Next Higher Assembly ID (Optional) no limit on repetition.
- 34 - Non-Standard Material Identification (Optional) 15 pairs of Qualifier codes/associated data are allowed per record. No limit on repetition.
- 36 - Non-Standard Item Details. (Optional - free form) Used to convey other sources of supply. No repetition limits.
- 38 - Memo/description. (Optional) Text, no repetition limits.
- 20 - **Begin third 20-44 type loop (LX3).**
- 22 - Reference data to convey requisition number or document number, there is no limit on repetition.
- 34 - Qualifier Code/associated data (Optional) no limit on repetition. A total of 15 pairs of Qualifier Code and associated data may be conveyed in the same record.
- 38 - Memo/description. (Optional) Text, no repetition limits.

To convey additional line items or a new requisition, start at Record 01 and repeat the process.

4. FASTDATA/Procurement Systems Interface Data Record descriptions:

RECORD ID	COLUMN	WIDTH	DATA TYPE	VALUE	COMMENTS	
01	1-3	3	A/N	"511"		
	12	12	A/N		Trading Partner	
	16	1	A	Space		
	17-18	2	N	"01"	Record ID	
10	1-3	3	A/N	"511"		
	4-15	12	A/N		Trading Partner	
	16	1	A	Space		
	17-18	N	A/N	"10"	Record ID	
	19-23	5	DT		YYDDD (Julian Format)	
	24-29	6	TM		HHMMSS	
16	1-3	3	A/N	"511"	Begin 16-18 Loop	
	4-15	12	A/N		Trading Partner	
	16	1	A	Space		
	17-18	2	A/N	"16"	Record ID	
	19-20	2	A/N	OB	Ordered By	
	21-22	2	A/N	"10"	DODAAC	
				M4	RIC	
	23-28	6	A/N		Originator's RIC (If "OB", "M4") Originator's UIC (If "OB", "10")	
18	1-3	3	A/N	"511"	End 16-18 Loop	
	4-15	12	A/N		Trading Partner	
	16	1	A	Space		
	17-18	2	A/N	"18"	Record ID	
	19-20	2	A/N	IC	Information Contact	
	21-49	29	A/N		Maximum number of characters for: Requisitioner POC Phone (12) Manufacturer POC (29) Manufacturer Fax (12) Manufacturer Phone (12) TO Activity: City (20) State (2) ZIP (9)	
	50-51	2	A/N		Communications Contact Qualifier Code	
				AU	Requisitioner POC Info Requisitioner Name (40) Requisitioner Rate (04) Requisitioner Division (10)	
				IT	Manufacturers Address Address 1 (40) Address 2 (40)	
				TL	Manufacturers: City (20) State (2) ZIP (9)	
				TX	Mark for City, State, Zip	
				TE	Manufacturers City, ST, Zip	
		52-131	80	A/N		Data corresponding with the qualifier code (50-51)
	20	1-3	3	A/N	"511"	Begin LX1 Record Loop
4-15		12	A/N		Trading Partner	
16		1	A	Space		
17-18		2	A/N	"20"	Record ID	
19		1	N	*	1 for 1 st iteration ++1 for subsequent iteration	
22	1-3	3	A/N	"511"		
	12	12	A/N		Trading Partner	
	16	1	A	Space		
	17-18	2	N	"22"	Record ID	
	19-20	2	A/N		Reference Number Qualifier Code	
				TN	Requisition Number (14)	
	21-50	30	A/N		Data corresponding to qualifier code (19-20)	

26	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"26"	Record ID
	19-23	5	N		Quantity Ordered (LJ Zero Left-Pad)
	24-25	2	ID		Unit of Issue
	26-37	12	R		Estimated Price (Include decimal, LJ Zero Left-Pad)
	38-39	2	ID		Material Identification Qualifier Code
			MG		Manufacturers Part Number
			FS		National Stock Number
	40-79	40	A/N		Part Number or NSN conveyed in 38-39 If more than 40 characters use 87-88 and 89-128 for remaining data If NSN FSC (04) NIIN (09) SMIC (02) COG (02) Acquisition Advise Code (01) For Transportation or Currency Conversion convey Literal "transportation costs" or "currency conversion" Costs or Conversion will be conveyed In 26-37 For Service item use code "MG" and convey "Service Item"
	80-81	2	ID		Material Identifier qualifier code
			ZB		Manufacturers CAGE number use with previous qualifier "MG"
	82-86	5	A/N		Enter Manufacturers CAGE Code
	87-88	2	ID	MG	Part Number beyond 40 characters
	89-112	24	A/N		Convey remainder of Part Number data
28	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"28"	Record ID
	19-24	6	A/N		Contract Line Item Number (04) ACRN (02) For Transportation Costs CLIN = 0098 ACRN = "AY" For Currency Conversion CLIN = 0099 ACRN = "AZ"
	25-35	11	A/N		Appropriation Number (07) Subhead (04)
	36-37	2	A/N		Fund Code
	38-74	37	A/N		Line of Accounting Object Class (03) BCN (05) Sub Allotment (01) AAA (06) TT (02) PAA (06) Country Code (02) Cost Code (12)
30	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"30"	Record ID
	19	1	A/N		Demand Code
	20-21	2	A/N	74	Qualifier Code for 19
	22-23	2	ID		Reference Identifier Qualifier Code
				W2	Weapons system designator code
	24-36	16	A/N		AEL/APL (14) ODS (Ozone Deleting Substance) (01)
32	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"32"	Record ID

	19-26	8	A/N		Contract Number
	27-30	4	A/N		Contract Call or Order Number
33	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"33"	Record ID
	19-20	2	ID		Data Type Qualifier
				53	Service Start Date
				54	Service Stop Date
				BD	Required Delivery Date
	21-26	6	DT		YYMMDD (as defined in 19-20)
34	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"34"	Record ID
	19-20	2	ID		Identifier Qualifier Code
				CL	Color (10)
				CN	Next Higher Assembly (19)
				DR	Drawing Revision (01)
				F1	Catalog Date (10)
					Page Number (05)
				F2	Type Equipment Code (04)
				F3	Technical Manual Number (40)
				F4	Technical Manual Page number (10)
					Figure Number (10)
					Item Number (10)
					WKPG (Work Package) (10)
				F7	End Item Name (34)
				GS	General Specification Number (15)
				MF	Manufacturers Name (36)
				MN	Model Number (10)
				PR	Item Size (30)
				PT	Drawing Number (32)
				PW	Design Number (10)
				SN	Item Serial Number (15)
	21-60	40	A/N		Data Corresponding with Qualifier Code (19-20)
36	1-45	45	A/N		Technical Publication Number for Aviation items Technical Order Number for all others
38	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"38"	Record ID
	19-21	3	ID		Reference Code
				ORI	Order Instructions
	22-23	2	A/N		Type Data Qualifier
				"01"	Item Name (50)
				"02"	Conditions (60)
				"03"	End Item (50)
				"04"	Source of Supply (50)
				"05"	Source of Supply POC (50)
	24-101	78	A/N		Data Corresponding to Type Data Qualifier (22-23)
40	1-3	3	A/N	"511"	Begin 40-42 Loop
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"40"	Record ID
	19-20	2	ID		Agency Qualifier Code
				DF	DOD
42	1-3	3	A/N	"511"	End 40-42 Loop
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"42"	Record ID
	19-20	2	ID		Industry Codes

				"0"	Document Identifier Code
				78	Project Code
				79	Priority Code
				80	Advice Code
				83	Material Control Code (MCC)
				97	Batch Number
				A9	Supplemental Address (09)
					Salvage Code (01)
				AL	Required Delivery Date (RDD) (DDD Julian Day)
				BD	1250 RDD Format YYDDD (Julian)
				DE	Signal Code
				DF	Media and Status Code
				EJ	SALTS Address
	21-50	30	A/N		Data Corresponding to the Industry Code (19-20)
44	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"44"	Record ID
	19-20	2	ID		Entity Identifier Code
				BT	Bill TO
				OB	Ordered By
				ST	Ship TO
				Z1	Party to Receive Status
				Z3	Accounting Data Type Indicator
				Z5	Material Control Activity (MCA)
				Z7	Mark FOR Priority
	21-22	2	ID		Identification Code Qualifier
				1	DUNS Number
				10	DODACC
				M4	DOD Routing Identifier Code (RIC)
	23-27	5	A/N		Data Corresponding with 19-20 & 21-22
			BT, 10	Bill TO UIC	
			OB, 10	UIC	
			ST, 10	Ship TO UIC	
			ST, M4	Ship TO Routing Identifier Code (RIC)	
			Z1, 10	Site submitting requisition if different from requisitioner	
			Z3, 10	Required for Fund Code multiple line items (enter word "Below")	
			Z5, 1	Manufacturers DUNS Number	
			Z7, 10	Mark FOR Party UIC	
20	1-3	3	A/N	"511"	Begin LX2 Record Loop DD1149
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	N	"20"	Record ID
	19	1	N	2	Hard Code Value "2"
22	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"22"	Record ID
	19-20	2	A/N		Requisition Number or Document Number
			TN		Requisition Number (14)
					Document Number (15) Space Line Item Number (04)
	21-50	30	A/N		Data corresponding with the qualifier code in 19-20
26	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"26"	Record ID
	19-23	5	N		Quantity Ordered (RJ Zero Left-Pad)
	24-25	2	ID	2	Unit of Issue
	26-37	12	R	12	NTE Code (Dollars and Cents)

					(LJ Right-Pad with spaces)
	38-39	2	ID	2	Material Identification Qualifier Code
				MG	Manufacturers Part Number
	40-79	40	A/N	FS	Next Higher Assembly NSN(13) COG(02)
					Data Corresponding to qualifier 38-39
					If more than 40 characters use 87-88
					and 89-128 for remaining data
	80-81	2	ID		NHA Identifier Code
				ZB	Next Higher Assembly CAGE number -
					use with previous qualifier "MG"
	82-86	5	A/N		Enter Manufacturers CAGE Code
	87-88	2	ID	MG	Part Number data beyond 40 characters
	89-112	24	A/N		Convey remainder of Part Number data
34	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"34"	Record ID
	19-20	2	ID		Identifier Qualifier Code
				AB	Requisitioner's Address (40)
				CL	End Item Color (15)
				CN	Last Approval User Name (40)
				DR	Estimated Cost of the Line Item (10)
				F1	Item Catalog Number (40)
				F2	Bureau Number (10) (Aviation)
				F4	End Item Series (20)
				F7	End Item Make (20)
				GS	Requisitioner's Name (40)
				MF	Equipment Identification Code (EIC)
					(40)
				MN	End Item Model Number (10)
				MS	Next to Last Approval Users Name (40)
				PR	End Item Size (30)
				PT	Work Unit Code (1) +
					Card Code (1) (Aviation)
				SN	End Item Serial Number (15)
	21-60	40	A/N		Data Corresponding to Identifier
					Qualifier Code (19-20)
36	1-45	45	A/N		Free Form text
					(Other Sources of Supply)
40	1-3	3	A/N	"511"	Begin 40-42 Loop
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"40"	Record ID
	19-20	2	ID		Agency Qualifier Code
				DF	DOD
42	1-3	3	A/N	"511"	End 40-42 Loop
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"42"	Record ID
	19-20	2	ID		Code list qualifier code
				97	Units Per Application (03) +
					Override Type (01)
					(E=Emergency U=Unsuitable)
			A2		Designated Overhaul Point (DOP) (03) +
					NHA MCC (01)
			AL		NHA SMIC (02)
			AJ		Line Item SM&R Code (06)
			BD		Secondary DOP (03)
	21-50	30	A/N		Data corresponding with the Code list
					qualifier code (19-20)
20	1-3	3	A/N	"511"	Begin LX3 Record Loop <u>NC2276</u>
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	N	"20"	Record ID
	19	1	N	3	Hard Code Value "3"

22	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"22"	Record ID
	19-20	2	A/N		Reference Number Qualifier Code
			TN		Document Number (15) +
				"R" + Line Item Number (04)	
	21-50	30	A/N		Enter Document Number
34	1-3	3	A/N	"511"	
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"34"	Record ID
	19-20	2	ID		Identifier Qualifier Code
			CN		Job Control Number (JCN) 13
			DG		Requisition Creation Date and Time (CCYYDDHHMMSS) (13)
			F1		Material Safety Data Sheet (MSDS) Number (06)
			F4		Requisitioner's Address 2 (40)
			GS		Fund Expiration Date (07) Priority (04) Date required (07) Amendment Number (05)
			MF		Transportation Account Code (01) Space (01) Requisition Fill (20) Interservice Supply Support (ISSO) Exclusion Indicator (01) ISSP Screening Required Indicator (01)
			MN		Item Make (20)
			MS		Job Order Number (JON) (11) OR Last 6 positions of Cost Code (Shore)
			PR		Unit of Measure (13)
			PT		DMS Rating (05) OR Space (05) Space (10) Reference Number (20)
			PW		Noun Name (15)
			SN		Item Series (20)
	21-80	40	A/N		Data corresponding with the Identifier Qualifier Code (19-20)
40	1-3	3	A/N	"511"	Begin 40-42 Loop
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"40"	Record ID
	19-20	2	ID		Agency Qualifier Code
			DF		DOD
42	1-3	3	A/N	"511"	End 40-42 Loop
	12	12	A/N		Trading Partner
	16	1	A	Space	
	17-18	2	A/N	"42"	Record ID
	19-20	2	ID		Industry Codes
				95	Requisitioner's State (02)
					Requisitioner's Zip (09)
			A9		2 nd Character of Line Item ACRN in position 5
			DE		Requisitioner's City (20)
	21-50	30	A/N		Data corresponding with the Industry Codes (19-20)

III. FASTDATA/UADAPS/Milstrip/Milstrap Interface

1. General.

FASTDATA provides an export file for the export of all DD1348 data entered into the FASTDATA Site through the UADAPS interface. Import of DD1348 data can be accomplished via the "Milstrip/Milstrap Import process. Both processes utilize a standard Milstrip/Milstrap data record. Inbound transactions that meet the minimum requirements defined below will be validated against the financial framework defined in FASTDATA. Invalid transactions will suspend. Transactions that fail the specified edits are written to a permanent suspense file. A Suspense report is automatically generated to a file. The report format is similar to that of the Rejected Expenditures Report in the Funds Administrator. Suspended transactions will be resubmitted each time that an upload is requested. Transactions which meet all edit criteria will create Memo DD1348 Documents in FASTDATA. DD1348 documents created via the Milstrip/Milstrap interface will either be exported to the FA/STARS-FL or not exported, depending on the state of the Station_Use indicator.

2. FASTDATA Milstrip/Milstrap Interface Record Formats:

<u>Record Position</u>	<u>Field Name</u>	<u>Remarks</u>
1-3	Document ID	
4-6	Routing ID	
7	Media & Status Code	
8-22	Stock Number	13 digit National Stock Number 13 digit Non National Stock Number assigned to Overseas Dependent School System Items Manufacturer's 5 digit identification code suffixed by the Manufacturer's Part Number of 10 digits or less PEC (Production Equipment Code), DOD Ammunition Code (DODAC), etc., of 15 digits or less Special Material Identification Code (SMIC) or Weapons Systems Designator Code (WSDC)
23-24	Unit of Issue	
25-29	Quantity	Must be Numeric
30-43	Requisition Number	
44	Demand Code	
45-50	Supplementary Address	
51	Signal Code	
52-53	Fund Code	
54-56	Distribution Code	
57-59	Project Code	
60-61	Priority	

62-64	RDD	
65-66	Advice Code	
67-69	Blank	
70-80	Unit Price	Must be Numeric

IV. FASTDATA Purchase Order/Work Request Interface

1. General.

FASTDATA provides an interface to export NC2275/DD448 Source Data from the Site module, and import NC2275/DD448 Acceptance Data into the Site module. Both the export of source documents and import of Acceptance Data are included in the PO/WR Interface.

All file formats are standard ASCII text files, or SDF formatted files (.txt or .sdf extensions).

2. NC2275 Interface Data Record description:

RECORD ID	COLUMN	WIDTH	TYPE	VALUE	COMMENTS
01	1-3	3	A/N	"511"	Begin 01-46 Transaction Set
	4-8	5	A/N		Activity UIC
	9-14	6	N		Unique Serial Number
	15-16	2	A		Space
	17-18	2	N	"01"	Record ID - Required
	19-20	2	A/N	"DT"	Constant - Required
	21-22	2	A/N		Doc Type "N1" or "D7" (Form Type) Required
	23-24	2	A/N		Project Order Indicator "PO" or "WR" Required
10	1-3	3	A/N	"511"	
	4-8	5	A/N		Activity UIC
	9-14	6	A/N		Unique Serial Number
	15-16	2	A		Space
	17-18	2	N	"10"	Record ID - Required
	19-23	5	DT		YYDDD (Julian Format)
	24-29	6	TM		HHMMSS
	30-47	18	A/N		Supplemental Items (Required NC2275)
	48-51	4	A/N		Federal Supply Class ID
	52	1	A/N		Screening Ind (Required DD448)
	53	1	A/N		Interservice Ind (Required DD448)
16	1-3	3	A/N	"511"	Begin 16-18 Loop (1 per 16-18 Loop)
	4-8	5	A/N		Activity UIC
	9-14	6	N		Unique Serial Number
	15-16	2	A		Space
	17-18	2	N	"16"	Record ID - Required
	19-20	2	A/N	"OB"	FA ID
				"BT"	Bill To Information
				"FX"	POC Information (2275 only)
				"FR"	Ordered by Information (From ID)
				"TL"	To Information
	21-22	2	A/N	"10"	Required
	23-28	6	A/N		UIC (As specified in Columns 19-20)
	18	1-3	3	A/N	"511"
4-8		5	A/N		Activity UIC
9-14		6	N		Unique Serial Number
15-16		2	A		Space - Required
17-18		2	N	"18"	Record ID - Required

	19-20	2	A	"IC"	Space Constant - Required
	21	1	A	"X"	if "OB" code in 16 loop
	21-22	2	A		"AU" = Requisitioner POC Info (address line 1)
					"IT"= Manufacturers Street Address or P.O. Box (address line 2)
					"TE"= Manufactures City, State and ZIP(address line 3)
					"TL"= Mark For Street Address or P.O. Box. (address line 4)
	23-57	35	A/N		Bill to Address (Code "BT" in 16 Record)
					(1-4 Occurrences for NC2275, 1-4 Occurrences for DD448)
					From Address (Code "FR" in 16 Record)
					(1-3 Occurrences)
					To Address (Code "TL" in 16 Record)
					(1-3 Occurrences for NC2275, 1-4 Occurrences for DD448)
	23-52	30	A/N		POC Address (Code "FX" in 16 Record)
					(1-3 Occurrence)
20	1-3	3	A/N	"511"	
	4-8	5	A/N		Activity UIC
	9-14	6	N		Unique Serial Number
	15-16	2	A	Space	Constant - Required
	17-18	2	N	"20"	Record ID - Required
	19	1	N	*	1 (Loop Count - Begin with 1, increment for 3 subsequent occurrences)
22	1-3	3	A/N	"511"	
	4-8	5	A/N		Activity UIC
	9-14	6	N		Unique Serial Number
	15-16	2	A	Space	Constant - Required
	17-18	2	N	"22"	Record ID - Required
	19-20	2	A		"AU" code for authorizing id in 21- 58
					"TN" code for doc info - 21 +
	21 +				Depends on code from 19-22
	21-58	38	A/N		Authorizing ID(for code 'AU' in 19-20)
	21-35	15	A/N		Document Number -required (case 'TN' in 19-20)
	36	1	A		"R" if first line item loop else space
	37-40	4	N		line item number
26	1-3	3	A/N	"511"	
	4-8	5	A/N		Activity UIC
	9-14	6	N		Unique Serial Number
	15-16	2	A	Space	Constant - Required
	17-18	2	N	"26"	Record ID - Required
	19-23	5	N		Quantity Ordered (LJ Zero Left-Pad) - Required
	24-25	2	A/N		Unit of Issue *Note 8
	26-37	12	A/N		Unit Price (Include Decimal) *Note 8
	38	1	A		NTE Code
	39	1	N		Line Item Category Id (448 only)
	40-51	12	A/N		ACRN Amount (2275) or Line Item Amount (448)
					(Estimated Price (Include decimal, LJ Zero Left-Pad) - Required
28	1-3	3	A/N	"511"	
	4-8	5	A/N		Activity UIC
	9-14	6	N		Unique Serial Number
	15-16	2	A	Space	Constant - Required
	17-18	2	N	"28"	Record ID - Required
	19-22	4	A		Space Constant - Required
	23-64				Required (LOA)
	23-24	2	A/N		ACRN
	25-31	7	A/N		Appropriation
	32-35	4	A/N		Sub-Head
	36-38	3	A/N		Object Class
	39-43	5	A/N		BCN
	44	1	A/N		Sub-Allotment

	45-50	6	A/N		AAA UIC
	51-52	2	A/N		Transaction Type Code
	53-63	11	A/N		Job Order Number
	64	1	A/N		Expense Element
	65-70	6	A/N		PAA Code
34		1-3	3	A/N	"511"
	4-8	5	A/N		Activity UIC
	9-14	6	N		Unique Serial Number
	15-16	2	A		Space Constant - Required
	17-18	2	N	"34"	Record ID - Required
	19-20	2	A/N	"CD"	Required Date
				"GS"	Funds Expire On Date
				"PT"	Reference Number
	21+				Depends on code from 19-20
	21-27	7	N		Date (DDMonYY) (if "GS" 19-20)
	21-25	5	N		Date (YYDDD) (if "CD" 19-20)
	28-38		11	spaces	
	38-42	5	N		Amendment ID (if "GS" in 19-20) if amendment = 00000 then "BASIC"
	21-35	15	A/N		Reference ID (if "PT" in 19-20)
38		1-3	3	A/N	"511"
	4-8	5	A/N		Activity UIC
	9-14	6	N		Unique Serial Number
	15-16	2	A		Space Constant - Required
	17-18	2	N	"38"	Record ID - Required
	19+				Dependent upon 20 loop (either 201 or 202)
	201 Loop				
	19-21	3	A	"ORI"	constant
	22-23	2	N		information type "01" for (448) line item desc in 202 "02" for (2275) comments desc in 202
	202 Loop				
	19-21	3	A	"ORI"	constant
	22	1	A	"D"	Description indicator- required constant
	23-27	5	N		number of Desc (38) loops - rt justified zero filled
	28-31	4	N		Desc Loop number - rt justified zero filled
	32 +				
	32-81	50	A/N		Line Item Desc (448 only)
	32-91	60	A/N		Comments Desc (2275 only)
46		1-3	3	A/N	"511"
	4-8	5	A/N		Activity UIC
	9-14	6	N		Unique Serial Number
	15-16	2	A		Space Constant - Required
	17-18	2	N	"46"	Record ID - Required
	19-20	2	A/N	"DG"	Document Total - Required

Project Order/Work Request 511 file looping construct:

Record ID

Record description

01	Begins Document/Amendment Loop and will terminate with the 46 record.
10	Begins Line Item Loop and will terminate with the 34 record. Contains some document level information
16	Begins the Document addresses loop and will iterate through all document addresses. Contains codes for what address will follow in the 18 record.
18	Will iterate through all address lines for the address identified by the previous 16 record.

20 Will iterate three times for each line item and will contain the iteration number 1-3.

201 iteration

22 Contains Document information as well as amendment number. Will only appear in the 201 20 loop iteration.

26 Contains Line item information. Including Quantity, Unit Price, and Line Item Amount. If Unit Price or Quantity is zero for an amendment then the Line Item Amount represents the total change for the Line Item. This conveys a change in unit price equal to the original Line Item Amount + Amendment Line Item Amount divided by the Quantity ordered. In the case of a NC2275 document the Line Item Amount field will represent the Acrn Obligation Amount.

28 ACRN and Line of Accounting Information.

202 iteration

22 Contains Document information as well as amendment number. Will only appear in the 201 20 loop iteration.

38 For the 2275, contains comments description split into 60 block line. For the 448, contains 50 block fields for lint item description.

203 iteration

22 Contains Document information as well as amendment number. Will only appear in the 201 20 loop iteration.

34 Contains various dates and reference number at the documents level.

End 20 iterations

46 End of Document/Amendment loop.

3. NC2275/DD448 Acceptance Process Data Record Description:

BEGIN 100-199 LOOP (1-n OCCURANCES - REQUIRED)

DCN_ID	NO	VARCHAR2 (15)
AMENDMENT_ID	NO	VARCHAR2 (5)
GOVT_INDICATOR	NO	CHAR (1) (SPACE OKAY)
ACCEPTED_IND	NO	CHAR (1) * Note 8
ACCEPTED_ID	NO	VARCHAR2 (35)
ACCEPTED_DATE	NO	DATE (YYYY/MM/DD)

110 Begin 110-150 ACRN Loop (1-n OCCURANCES - OPTIONAL)

ACRN_ID	NO	CHAR (2)
CATEGORY_ID	NO	CHAR (1)

150 END 110-150 LOOP (1 OCCURRENCE - REQUIRED IF 110 PRESENT)

199 END 100-199 LOOP (1 OCCURRENCE - REQUIRED)

General Notes and file Requirements:

1. Each line of data will be referred to as a record.
2. There can be no blank or empty records.
3. Unless otherwise noted, all data fields will be left justified and filled with spaces, zeroes, or nulls as appropriate when no data exists for that field.
4. A Record Identification Number will occupy the first 3 positions of each record.
5. DD448 Documents require both LINE_ITEM_AMT and ACRN_AMT (Sum all LINE_ITEM_AMT).
6. ACRN level DESCRIPTION/REMARKS required on NC2275 Documents only.

7. Acceptance data for NC2275 document types require only 100 and 199 record types. Acceptance data for DD448 documents may require 110 and 150 record types if a requirement exists to change the CATEGORY_ID at the time of acceptance.
8. ACCEPTED_IND. If ACCEPTANCE_ID and ACCEPTANCE_DATE are present, code as "A", Else, NULL.
9. FUNDS_EXPIRE_IND. If FUNDS_EXPIRE_DATE is present, code as "F", Else, NULL.
10. AUTHORIZING_IND. If AUTHORIZING_ID is present, code as "Z", Else, NULL.
11. REFERENCE_IND. If REFERENCE_ID is present, code as "R", Else, NULL.
12. BILLING_IND. If BILLING_ID is present, code as "B", Else, NULL.
13. FSC_IND. If FSC_ID is present, code as "S", Else, NULL.
14. DESCRIP_IND. If DESCRIPTION/REMARKS is present, code as "D", Else, NULL.
15. If "ACCEPTED_IND" is set to "A", ACCEPTED_ID and ACCEPTED_DATE must be present.

V. FASTDATA Contract Data Import Interface:

1. General.

FASTDATA allows for the import of Contract Data for the purpose of establishing an Obligation for those document types requiring Contracts. Contracting an Amendment applies the Contract to that Amendment and ALL Lower Amendments AND the Basic Document if they previously have no Contract posted. Contract posting occurs at the ACRN level only, all Line Items included within the ACRN are automatically posted to that Contract. All Contract Imported data require an existing Commitment (915) for that DCN/ACRN existing in FASTDATA.

2. Contract Data Interface Record Description:

<u>Record Position</u>	<u>Field Name</u>	<u>Remarks</u>
1-15	Document Number	SDN Must exist in FD
16-17	Amendment Number	Default to 00
18-27	Job Order Number	Must exist in FD
28-40	Contract Number	Must meet FD Edits
41-46	Delivery Order/ Call Number	
47-51	BPA Number	
52-53	Contract ACRN	
54-55	Document ACRN	
56	Partial/Final Code	"P" or "F" default "F"
57-64	Date of Contract	CCMMYYYY
65-78	Contract ACRN	
79-91	Amount	LJ Zero Fill Left No Decimal

VI. FASTDATA Funds Check interface:

1. General.

If desired, the users can import/export funds checking information to ensure unencumbered funding exists in sufficient quantity to accommodate the request.

2. Funds Check Interface Record Description:

<u>Record Position</u>	<u>Field Name</u>	<u>Remarks</u>
1-11	Job Order	Standard JON Must be Active FY
2-15	Amount	LJ Zero Fill Left Do not include decimal Leading minus for credit
26	Expense Element	Must be valid (A-H, J-Z, 2, 4, 8) Not required if OOC present
27-29	OMB Object Class	Must be valid (000, 210, 220, 231- 233, 240, 251-258, 260, 310, 311, 320, 330) Not required if EE present
30	Funds Validation	"Y" if funds sufficient "N" if insufficient funds