

996 File Transfer

Functional Group=FT

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the File Transfer Transaction Set (996) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to transmit file information in formats agreed to by the sending and receiving parties. This transaction set is not intended to replace or bypass the use of existing X12 transaction sets to accommodate internal applications. The transaction set is solely intended for the exchange of formatted electronic accounting machine (EAM), 80 column card images.

DLMS Note:

1. This 996H, Hazardous Material/Hazardous Waste Profile transaction is intended for use by Defense Automatic Addressing System (DAAS) and DLA's Distribution Standard System (DSS) in support of the Reutilization Business Integration program supporting DLA Disposition Services.
 2. This transaction will be used to convey information described in the Generator Communications Interface Standard Version 5.0.0 (GenComm). See DoD 4000.25-M, Volume 2.
 3. This DLMS Supplement incorporates Proposed DLMS Change (PDC) and Approved DLMS Changes (ADCs) listed. PDCs and ADCs are available from the DLA Logistics Management Standards Web site: <http://www.dla.mil/j-6/dlms/eLibrary/Changes/processchanges.asp>
- ADC 416 Hazardous Material/Hazardous Waste (HM/HW) Profile Transaction, DLMS 996H, in Support of Reutilization Business Integration (RBI)

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	BGF	Beginning Segment for File Transfer Information	M	1			Must use
0300	K3	File Information	M	>1			Must use
0400	SE	Transaction Set Trailer	M	1			Must use

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1
		Description: Code uniquely identifying a Transaction Set					
		Code Name					
		996 File Transfer					
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		DLMS Note: A unique number assigned by the originator of the transaction set, or the originator's application program.					
ST03	1705	Implementation Convention Reference	O	AN	1/35	Used	1
		Description: Reference assigned to identify Implementation Convention					
		DLMS Note: Use to indicate this transaction uses the 996 DLMS Supplement. Enter the DLMS Supplement: (e.g., 004030F996H0SA00).					

BGF Beginning Segment for File Transfer Information

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Comments:

1. Due to the installation of the ST segment in all transaction sets, data element 143 in all of the "B" segments is redundant. DE 143 will be retained as an optional data element for a period of adjustment. It is suggested that DE 143 not be transmitted so it may be dropped from segment definitions in the future.
2. The reference number qualifier code for file identifier is "FI".

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
BGF02	128	Reference Identification Qualifier	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Code Name

V0 Version

DLMS Note:

Use to identify the Generator Communications Interface Standard Version. Refer to ADC 416.

BGF03	127	Reference Identification	M	AN	1/50	Must use	1
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

DLMS Note: *Enter the Generator Communications Interface Standard Version number (e.g., 5.0.0). Refer to ADC 416.*

K3 File Information

Pos: 0300	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To transmit a fixed-format record or matrix contents

Semantics:

1. K303 identifies the value of the index.

Comments:

1. The default for K302 is content.

DLMS Note:

1. Reference File Format For Generator Communications (GenComm) Interface Standard for the data structure used to populate the K3 segment.
2. The K3 segments will be used to pass the XML tag name and content information associated with that tag name. In order to assist a receiving system with consuming the DLMS 996H transaction, each K3 segment needs to include contextual information for the content being passed. For each element of the GenComm flat file or XSD formats mapped to the K3 segment apply the following mapping pattern:
 - a. The first K3 segment associated with the GenComm element provides the context:
 - 1/K301/300 = {XSD element name, including parent loop identification}
 - 1/K302/300 = "D"
 - b. One, or more, subsequent K3 segments maps the actual content associated with the XSD element name (including parent loop identification):
 - 1/K301/300 = {Mapped Content}
 - 1/K302/300 = "C"
 - c. For example,
 - 1/K301/300 = "DRMO_FILE_GEN/DATE"
 - 1/K302/300 = "D"
 - 1/K301/300 = 2011005 (i.e. Julian Date)
 - 1/K302/300 = "C"
3. The K3 segments will continue to be paired until all the data elements associated with the GenComm inbound transaction have been successfully mapped to the DLMS 996H. The order of content mapped to the K3 segment must correspond to the order of the GenComm standard.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
K301	449	Fixed Format Information	M	AN	1/80	Must use	1
		<p>Description: Data in fixed format agreed upon by sender and receiver</p> <p>DLMS Note: 1. Use to provide XML Tag name when K302 is D.</p> <p>2. Use to provide content associated with XML tag name when K302 is C.</p> <p>3. When content exceeds 80 characters the content is divided among two or more sequential instances of the K3 segment for content.</p>					
K302	1333	Record Format Code	O	ID	1/2	Used	1
		<p>Description: Code specifying the format of information</p> <p>Code Name</p> <p>C Content</p>					

Code Name**DLMS Note:**

Use to identify the content associated with the XML Tag. Refer to ADC 416.

D Definition

DLMS Note:

Use to identify the XML Tag name. Refer to ADC 416.

SE Transaction Set Trailer

Pos: 0400	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

1. SE is the last segment of each transaction set.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		DLMS Note: <i>Cite the same number as the one cited in ST02.</i>					