



GENERAL MOTORS IMPLEMENTATION GUIDELINES

FOR

GENERAL MESSAGE

GENERAL PURPOSE MESSAGE

**CORPORATE INFORMATION STANDARDS
INFORMATION SYSTEMS & SERVICES
GENERAL MOTORS CORPORATION**

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GENERAL INFORMATION

PURPOSE

This Implementation Guideline detail how General Motors intends to use the General Purpose Message, to transmit a limited amount of textual information.

APPLICATION

General Motors plans to use the EDIFACT message standards when this type of information is transmitted to trading partners. Plans to migrate from the ANSI ASC X12 846 or other proprietary standards will be communicated as business plans dictate the need to change.

STRUCTURE OF THE GM IMPLEMENTATION GUIDELINE

The GM Implementation Guideline appearing on the following pages, include the EDIFACT Boilerplate, the Segment Table, Segment explanations and various examples of the GENERAL Message. The Segment Table is a summary of the entire EDIFACT Message, in the left column GM has identified when/if each Segment Group/ Segment is used. Each segment is defined as “Must Use”, “Not Used”, or a blank denotes that the segment may be used by some GM entities.

The next portion of the document, the Segment information requirements for data element usage are also defined. GM will use the following symbols in the left column:

>>	GM requires that information is provided
X	GM does not expect to receive this information
(blank)	Some GM locations may expect to receive this data.

The Attributes column, located on the right side of the Segment information, provides the EDIFACT element size. GM plans to conform to the EDIFACT field parameters.

USE OF EDIFACT AND ISO DATA ELEMENT DICTIONARYS

There is one exception to the statement in the gray notes fields throughout this document that reads, “GM may send any code listed in the Data Dictionary”. GM will not sends codes Z, ZZ or ZZZ (described as mutually defined) because they are not specific and cannot be applied to all GM applications.

VERSION

The GENERAL message has been developed based on version 97A of the EDIFACT Standard.

RESPONSIBILITY

This document was developed and is maintained by the General Motors Materials Management EDIFACT Guideline Development group. It is distributed internally to all General Motors EDI and CISCO Coordinators.

MAINTENANCE

The General Motors Materials Management Maintenance Work Group and Information Systems and Services will review changes to this document. The change process can only be initiated by individuals/ organizations within the General Motors Corporation. Changes to the guideline will be considered on a bi-annual basis, to ensure that there is a consistent interpretation of the message.

BOILERPLATE

SEGMENT CLARIFICATION

UNH Message Header

A service segment starting and uniquely identifying a message. The message type code for the General purpose message is GENRAL.

Note: General purpose messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 GENRAL 0052 D 0054 97A 0051 UN

BGM Beginning of Message

A segment to indicate the type and function of the GENRAL message and to transmit its unique identifying number.

DTM Date/Time/Period

A segment specifying general dates, and when relevant, times related to the whole message.

Segment Group 2: NAD-LOC-SG3-SG4

A group of segments identifying names, addresses and locations, and referred documents relevant for the whole message.

NAD Name and Address

A segment for identifying name and addresses of a party and their functions relevant for the whole message. Identification of the sender and receiver parties are mandatory for the message. It is recommended that where possible only the coded form of the party ID should be specified.

Segment Group 4: CTA-COM

A group of segments giving contacts details of the specific person or department within the party identified in the NAD segment.

CTA Contact Information

A segment to identify the person, function, department to whom communication should be directed.

Segment Group 5: FTX-SG6

A group of segments enabling the specification of the text and optionally, the identification of other parties or location to whom the information should be directed.

FTX Free Text

A segment to identify the text type and reason, and to specify the relevant agreed information.

UNT Message Trailer

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

GENERAL General Purpose Message

Introduction:

A message to enable the transmission of textual information.

SEGMENT DIRECTORY

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Must Use	0010	UNH	Message Header	M	1		
Must Use	0020	BGM	Beginning of Message	M	1		
	0030	DTM	Date/Time/Period	C	1		
	0040		Segment Group 1: RFF-DTM	C		10	
Not Used	0050	RFF	Reference	M	1		
Not Used	0060	DTM	Date/Time/Period	C	10		
	0070		Segment Group 2: NAD-LOC-SG3-SG4	C		2	
Must Use	0080	NAD	Name and Address	M	1		
Not Used	0090	LOC	Place/Location Identification	C	5		
	0100		Segment Group 3: RFF-DTM	C		10	
Not Used	0110	RFF	Reference	M	1		
Not Used	0120	DTM	Date/Time/Period	C	10		
	0130		Segment Group 4: CTA-COM	C		5	
Must Use	0140	CTA	Contact Information	M	1		
Not Used	0150	COM	Communication Contact	C	1		
	0160		Segment Group 5: FTX-SG6	C		100	
Must Use	0170	FTX	Free Text	M	1		
	0180		Segment Group 6: NAD-LOC-SG7-SG8	C		100	
Not Used	0190	NAD	Name and Address	M	1		
Not Used	0200	LOC	Place/Location Identification	C	5		
	0210		Segment Group 7: RFF-DTM	C		10	
Not Used	0220	RFF	Reference	M	1		
Not Used	0230	DTM	Date/Time/Period	C	10		
	0240		Segment Group 8: CTA-COM	C		5	
Not Used	0250	CTA	Contact Information	M	1		
Not Used	0260	COM	Communication Contact	C	5		
Must Use	0270	UNT	Message Trailer	M	1		

DATA SEGMENTS

Segment: **UNH** Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To head, identify and specify a Message
Syntax Notes:
Semantic Notes:
Comments:
Notes: UNH+1+GENRAL:D:97A:UN'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	0062		Message reference number Unique message reference assigned by the sender. Must match the message reference number in the UNT.	M an..14
>>	S009		Message Identifier Identification of the type, version etc. of the message being interchanged.	M
>>		0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. GENERAL General purpose message A code to identify the general purpose message.	M an..6
>>		0052	Message type version number Version number of a message type. D Draft version/UN/EDIFACT Directory Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).	M an..3
>>		0054	Message type release number Release number within the current message type version number (0052). 97A Release 1997 - A Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).	M an..3
>>		0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4 United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	M an..2
X		0057	Association assigned code Code, assigned by the association responsible for the design and maintenance	C an..6

		of the message type concerned, which further identifies the message.	
X	0068	Common access reference	C an..35
		Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	
X	S010	Status of the Transfer	C
		Statement that the message is one in a sequence of transfers relating to the same topic.	
X	0070	Sequence message transfer number	M n..2
		Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	
X	0073	First/last sequence message transfer indication	C a1
		Indication used for the first and last message in a sequence of the same type of message relating to the same topic.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To indicate the type and function of a message and to transmit the identifying number.
Syntax Notes:
Semantic Notes:
Comments:
Notes: BGM++97GM164+9'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
X	C002		Document/Message Name	C
			Identification of a type of document/message by code or name. Code preferred.	
X		1001	Document/message name, coded	C an..3
			Document/message identifier expressed in code. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		1131	Code list qualifier	C an..3
			Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		1000	Document/message name	C an..35
			Plain language identifier specifying the function of a document/message.	
	C106		Document/Message Identification	C
			Identification of a document/message by its number and eventually its version or revision.	
>>		1004	Document/message number	C an..35
			Reference number assigned to the document/message by the issuer.	
X		1056	Version	C an..9
			To specify the version number or name of an object.	
X		1060	Revision number	C an..6
			To specify a revision number.	
	1225		Message function, coded	C an..3
			Code indicating the function of the message.	
		9	Original	
			Initial transmission related to a given transaction.	
X	4343		Response type, coded	C an..3
			Code specifying the type of acknowledgment required or transmitted. Refer to D.97A Data Element Dictionary for acceptable code values.	

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 0
Usage: Conditional
Max Use: 1
Purpose: To specify date, and/or time, or period.
Syntax Notes:
Semantic Notes:
Comments:
Notes: DTM+137:19980223:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>> C507		Date/Time/Period	M
		Date and/or time, or period relevant to the specified date/time/period type.	
>>	2005	Date/time/period qualifier	M an..3
		Code giving specific meaning to a date, time or period.	
	137	Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.	
>>	2380	Date/time/period	C an..35
		The value of a date, a date and time, a time or of a period in a specified representation.	
>>	2379	Date/time/period format qualifier	C an..3
		Specification of the representation of a date, a date and time or of a period.	
	102	CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	
	203	CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	

Group: **NAD** Segment Group 2: Name and Address
Position: 0070
Group:
Level: 1
Usage: Conditional (Must Use)
Max Use: 2
Purpose:

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0080	NAD	Name and Address	M	1	
	0130		Segment Group 4: Contact Information	C		5

Segment: **NAD** Name and Address
Position: 0080
Group: Segment Group 2 (Name and Address) Conditional
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Syntax Notes:

Semantic Notes:

Comments:

Notes: NAD+FR+809120744::16++GLOBAL PARTNER COMMUNICATIONS'
 NAD+MR+987654321::16++XYZ COMPANY

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	3035		Party qualifier	M an..3
			Code giving specific meaning to a party.	
			FR Message from	
			Party where the message comes from.	
			MR Message recipient	
	C082		Party Identification Details	C
			Identification of a transaction party by code.	
>>		3039	Party id. identification	M an..35
			Code identifying a party involved in a transaction.	
X		1131	Code list qualifier	C an..3
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
			16 DUNS (Dun & Bradstreet)	
			92 Assigned by buyer or buyer's agent	
X	C058		Name and Address	C
			Unstructured name and address: one to five lines.	
X		3124	Name and address line	M an..35
			Free form name and address description.	
X		3124	Name and address line	C an..35
			Free form name and address description.	
X		3124	Name and address line	C an..35
			Free form name and address description.	
X		3124	Name and address line	C an..35
			Free form name and address description.	
X		3124	Name and address line	C an..35
			Free form name and address description.	
	C080		Party Name	C
			Identification of a transaction party by name, one to five lines. Party name may be formatted.	
>>		3036	Party name	M an..35
			Name of a party involved in a transaction.	

X		3036 Party name	C	an..35
		Name of a party involved in a transaction.		
X		3036 Party name	C	an..35
		Name of a party involved in a transaction.		
X		3036 Party name	C	an..35
		Name of a party involved in a transaction.		
X		3036 Party name	C	an..35
		Name of a party involved in a transaction.		
X		3045 Party name format, coded	C	an..3
		Specification of the representation of a party name.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C059	Street	C	
		Street address and/or PO Box number in a structured address: one to three lines.		
X		3042 Street and number/p.o. box	M	an..35
		Street and number in plain language, or Post Office Box No.		
X		3042 Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
X		3042 Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
X		3042 Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
X	3164	City name	C	an..35
		Name of a city (a town, a village) for addressing purposes.		
X	3229	Country sub-entity identification	C	an..9
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
X	3251	Postcode identification	C	an..9
		Code defining postal zones or addresses.		
X	3207	Country, coded	C	an..3
		Identification of the name of a country or other geographical entity as specified in ISO 3166.		

Group: **CTA** Segment Group 4: Contact Information
Position: 0130
Group: Segment Group 2 (Name and Address) Conditional
Level: 2
Usage: Conditional
Max Use: 5
Purpose:

Segment Summary

	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0140	CTA	Contact Information	M	1	

Segment: **CTA Contact Information**
Position: 0140
Group: Segment Group 4 (Contact Information) Conditional
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To identify a person or a department to whom communication should be directed.
Syntax Notes:
Semantic Notes:
Comments:
Notes: CTA+CD+:CHERYL WEISBARTH'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3139		Contact function, coded	C an..3
		Code specifying the function of a contact (e.g. department or person). CD Responsible person for information dissemination Responsible person to contact for matters regarding information dissemination.	
C056		Department or Employee Details	C
		Code and/or name of a department or employee. Code preferred.	
X 3413		Department or employee identification	C an..17
		Internal identification code.	
3412		Department or employee	C an..35
		The department or person within an organizational entity.	

Group: **FTX** Segment Group 5: Free Text
Position: 0160
Group:
Level: 1
Usage: Conditional
Max Use: 100
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0170	FTX	Free Text	M	1	

Segment: **FTX** Free Text
Position: 0170
Group: Segment Group 5 (Free Text) Conditional
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To provide free form or coded text information.
Syntax Notes:
Semantic Notes:
Comments:
Notes:

FTX+AAI+++THE ANNUAL GENERAL MOTORS:
HOLIDAY SHUTDOWN:WILL BE JULY 1 - 7'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	4451		Text subject qualifier Code specifying subject of a free text. AAI General information	M an..3
X	4453		Text function, coded Code specifying how to handle the text.	C an..3
X	C107		Text Reference Coded reference to a standard text and its source.	C
X		4441	Free text identification Free text in coded form.	M an..17
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
	C108		Text Literal Free text; one to five lines.	C
>>		4440	Free text Free text field available to the message sender for information.	M an..70
		4440	Free text Free text field available to the message sender for information.	C an..70
		4440	Free text Free text field available to the message sender for information.	C an..70
		4440	Free text Free text field available to the message sender for information.	C an..70
		4440	Free text Free text field available to the message sender for information.	C an..70
X	3453		Language, coded Code of language (ISO 639-1988).	C an..3

Segment: **UNT** Message Trailer
Position: 0270
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of a Message
Syntax Notes:
Semantic Notes:
Comments:
Notes: UNT+8+1'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	0074		Number of segments in a message Control count of number of segments in a message.	M n..6
>>	0062		Message reference number Unique message reference assigned by the sender. Must match the message reference number in the UNH.	M an..14

GENERAL EXAMPLE

UNH+1+GENERAL:D:97A:UN'
BGM++97GM164+9'
DTM+137:19980223:102'
NAD+FR+809120744::16++GLOBAL PARTNER COMMUNICATIONS'
NAD+MR+987654321::16++XYZ COMPANY
CTA+CD+:CHERYL WEISBARTH'
FTX+AAI+++THE ANNUAL GENERAL MOTORS: HOLIDAY SHUTDOWN:WILL
 JULY 1 – 7'
UNT+8+1'

GENERAL Guideline Change Log

Item Number	Segment Group	Segment	Composite Code	Component	Code Values	Detail of Change
GR001	0030	DTM	C507	2379	203	Added code value 203 to the list of available code values for DTM in Header.